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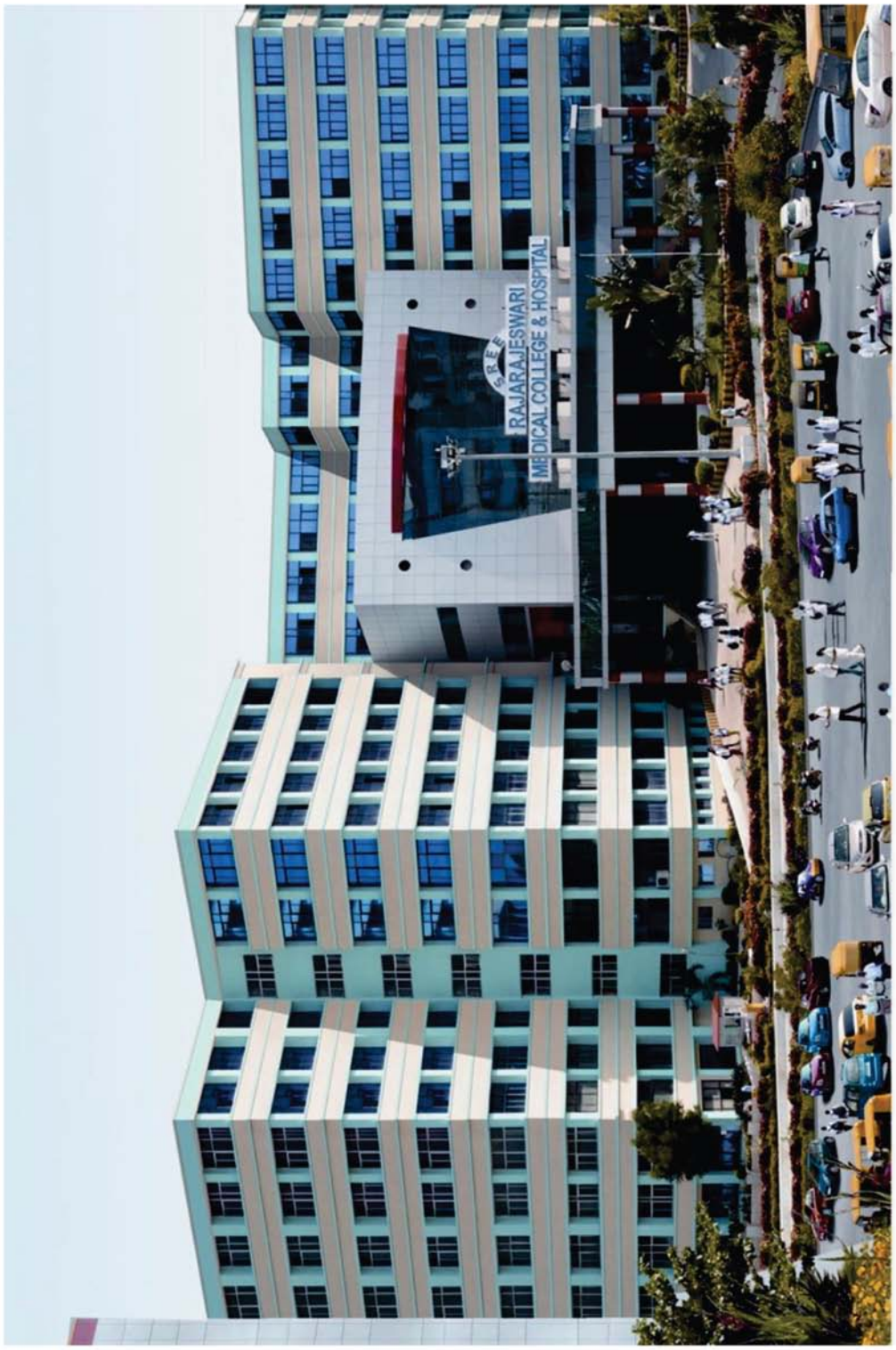
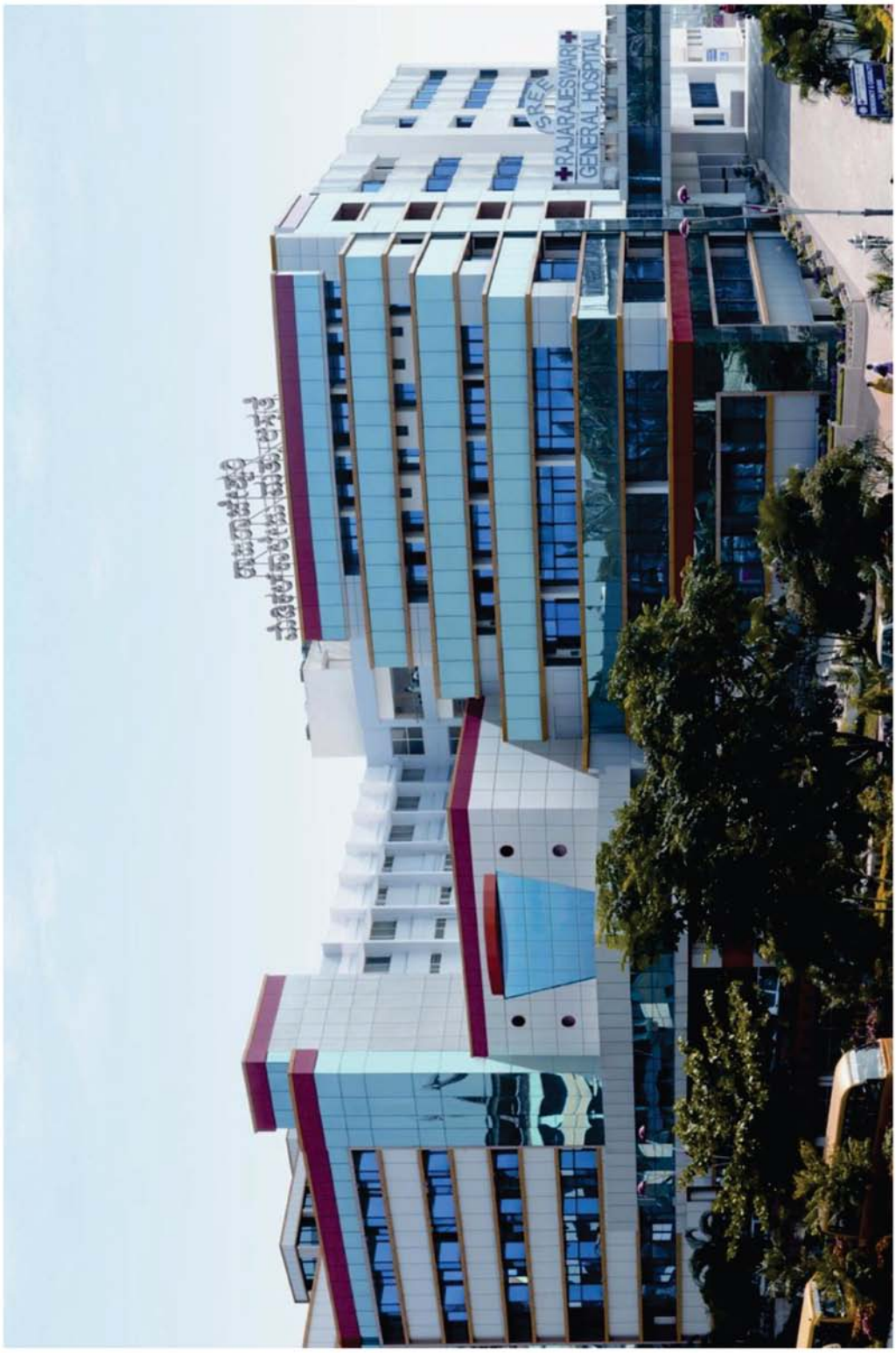
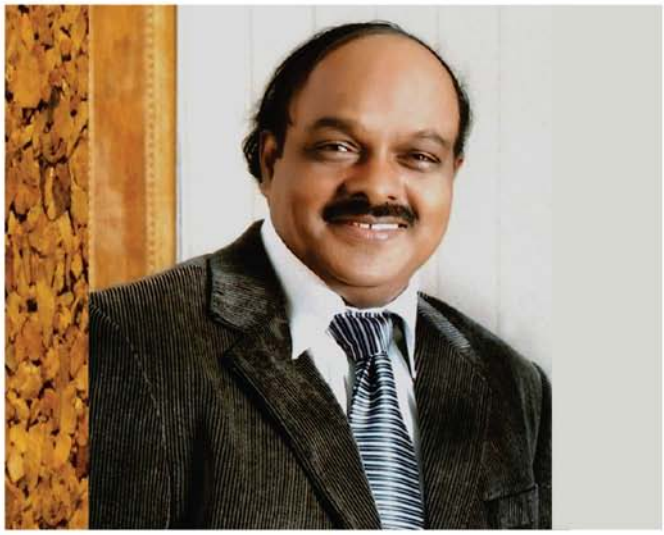
RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL
BANGALORE
HEALING IS DIVINE



College Building



Hospital Building



Shri. A.C.Shanmugam ,
Chairman
RAJARAJESWARI GROUP OF INSTITUTIONS

Shri.A.C.S. Arun Kumar
Vice -Chairman
RAJARAJESWARI GROUP OF INSTITUTIONS

Dr. D L Ramachandra
Medical Director

Dr. H.Rangappa
Additional Medical Director

Shri.Vijayanand
Exuctive Director

Dr. Usha Ramachandra
Principal

Dr. (Major Gn.) S.C. Godara
Dean

Dr. Govindaraju
Medical Superintendent

Dr. B. Sathyamurthy
Vice - Principal

Dr. Basavaraj Bhandare
Vice- Principal

Dr. Naveen S
Vice - Dean

4 Assoc. Deans

Dr. Usha Ramachandra
Academics

Dr. B. Sathyamurthy
Administration

Dr. Basavaraj Bhandare
Examination

Dr. Naveen s
Human Resource

Alumni Association

Student Council

Super Specility HOD`s

Dr.Prema Dhanraj
Dept. Plastic Surgery

Dr.H.Venkataramaiah
Dept. Of Cardiology

Dr. M L Girish
Dept. Pediatric Surgery

Dr.V. Sreedhar Reddy
Dept. Urology

Dr.Vidyashankar.P.
Dept. Nephrology

Dr.Shivananda Siddappa
Dept. Vascular Surgery

Dr.Tejeswi S Gutti
Dept. Surgical
Gastroenterology

All HOD`s

Dr. B. Sathyamurthy
Dept. Anatomy

Dr.Ranganath.MD
Dept. Physiology

Dr. H.V. Shetty
Dept. Biochemistry

Dr. Rajaram.T
Dept. Pathology

Dr.Sangeetha.S.
Dept. Microbiology

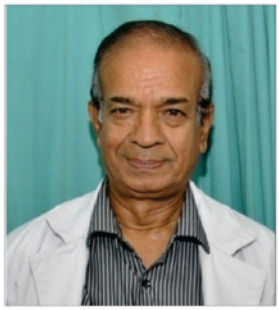
Dr. Basavaraj Bhandare
Dept. Pharmacology

Dr. Chandrashekaraiah.c
Dept. Forensic Medicine

Dr.Shashikala Manjunath
Dept. Community Medicine

Dr. Krishna M.V
Dept. Gen Medicine

All HOD`s



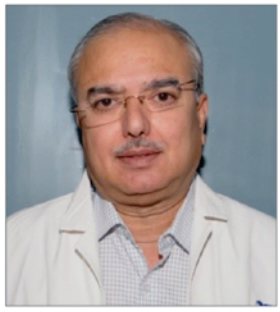
Dr.B R Saiprasad
Dept. Gen Surgery

Dr.Rajgopalan N
Dept. Orthopedics

Dr. Vivekananda
Dept. Dermatology

Dr.Nagaraj T M
Dept. ENT

Dr.Shivakumar
Dept. Ophthalmology



Dr.Amar Balve
Dept. Psychiatry

Dr.Laxman.Y
Dept. TB & CD

Dr. H.Sahajanananda
Dept. Anesthesia

Dr. Adarsh E
Dept. Pediatrics

All HOD`s

Dr.Nagarathnamma
Dept. OBG

Dr.Pravin G U
Dept. Radiodiagnosis

P.Balasubramaniam
Dept. Physiotherapy

Dr.Anjan Kumar Shah
Dept. Dentistry

Non-Teaching Staff

Jaiprakash
Office Manager

Chandramma
Section Officer (Academic)

Venkatesh
Asst. Admin Officer

Ramachandra MRD
Medical Record Officer

Meenakshi sister
Nursing Superintendent

Hemanth
Pharmacist

Mrs. Jyothi A N

Mrs. Medini M Tolamatti

Mythili
Section Officer (Est)

Non-Teaching Staff

Prasanna
Estate Officer

Ramachandra Tolmatti
Chief Electrical Engineer
for RRGI

J. Balendear Singh
Chief Security Officer

Jayaram
IT Incharge

Mr.Kumar
Sports Incharge

Mr.Vijay Anand Shetty

Mr. Kiran
Librarian

Monica D Senthil
Patient Relation Officer

Rajarajeswari Medical College & Hospital

Part -1- Institutional Data

Part-1

A. Profile of the College

A) General Profile of the Institution

1. Name and address of the institution:

1.Name:	**Rajarajeswari Medical College & Hospital**				
Address:	**Kambipura, Mysore Road,**				
City:	**Bangalore**	District	**Bangalore**	State	**Karnataka**
Pin Code:	**560 074**				
Website:	**www.rrmch.org**				

2. For communication:

Office

Office	STD Code	Tel. No	Mobile No	Fax No	E-mail
Dr. Usha Ramachandra Principal	080	28437444.	9740510777	28437393.	usharamachandra@ymail.com
Dr. Rangappa.H, Additional Medical Director, Chairman IQAC	080	28437444	9900028028	28437393.	drrangappa2012@gmail.com
Mr. S. Vijayanand Registrar /Executive Director	080	28437444	9900028001	28437393	kgsvanand@yahoo.com
Dr. Basavaraj Bhandare Vice Principal	080	28437444	9448737505	28437393	drbasavarajbhandare@gmail.com
Dr. B. Sathyamurthy Vice Principal	080	28437444	9449628822	28437393	drsathya57@yahoo.in
Steering Committee Coordinators					
Dr. V. Srinivas (Clinical)	080	28437888	9880010807	28437878	dr_sri@hotmail.com
Dr. Mary Prem.J (Non Clinical)	080	28437444	9845696014	28437393	premjayarajan@gmail.com

Residence

Office	STD Code	Tel. No	Mobile No	Fax No	E-mail
Dr. Usha Ramachandra Principal	080	28437444.	9740510777	28437393.	usharamachandra@ymail.com
Dr. Rangappa.H, Additional Medical Director, Chairman IQAC	080	28437444	9900028028	28437393.	drrangappa2012@gmail.com
Mr. S. Vijayanand Registrar /Executive Director	080	28437444	9900028001	28437393	kgsvanand@yahoo.com
Dr. Basavaraj Bhandare Vice Principal	080	28437444	9448737505	28437393	drbasavarajbhandare@gmail.com
Dr. B. Sathyamurthy Vice Principal	080	28437444	9449628822	28437393	drsathya57@yahoo.in
Steering Committee Coordinators					
Dr. V. Srinivas (Clinical)	080	28437888	9880010807	28437878	dr_sri@hotmail.com
Dr. Mary Prem.J (Non Clinical)	080	28437444	9845696014	28437393	premjayarajan@gmail.com

3. Financial category of the institution:

Grant-in-aid	☐
Self Financing	☑
Government funded	☐
Any other (please specify)	☐

4	a.	Type of University	i. Unitary	
			ii. Affiliating	
		Type of College	i. Government	
			ii. Affiliated	✓
			iii. Constituent	

			iv. Autonomous	
			v. Any other (specify the type)	
	b.	Status of university	i. State	✓
			ii. Central	
		Type	iii. Recognized under Section 3 of UGC Act	

5. Is it recognized minority institution? Yes ☑ No ☐
If yes specify the minority status (religious/linguistic/any other) (Provide the necessary supporting documents) - **Tamil Linguistic Minority**

6.	a. Date of establishment of the institution	Date	Month	Year
		01	08	2005
	b. University to which the college is affiliated:	Rajiv Gandhi University of Health Sciences, Bangalore		

7.	Is it recognized by MCI ?	Yes	✓	No
	If yes, date of recognition	Date	Month	Year
		13	08	2010
	Last inspection date			
8.	Does the University Act provide for autonomy?	Yes		No✓
	If yes, has the college applied for autonomy	Yes		**No**
9.	Campus area in acres/ sq. mtrs.	25 acres -		

10.	Location of the institution:	
	Urban	☑
	Semi-urban	☐
	Rural	☐
	Tribal	☐

	Hilly area	☐
	Any other (specify)	

11. Details of the programmes offered by the institution: (Give last year's data)

Sl. No.	Programme Level	Name of the Programme / Course	Duration	Entry Qualification		Sanctioned Student Strength 2013-14	Number of Students Admitted In 2012	Program Number
i.	Under-Graduate	MBBS	4 ½ yrs + 1 yr Internship	10+2		150	150	1.
ii.	Post-Graduate	MD	3 yrs	MBBS		Anatomy-6	Anatomy-02	2.
		MD	3 yrs	MBBS		Physiology-6	Physiology-4	3.
		MD	3 yrs	MBBS		Biochem-5	Bio-chem-2	4.
		MD	3 yrs	MBBS		Pathology-6	Pathology-5	5.
		MD	3 yrs	MBBS		Pharmac-4	Pharmac-2	6.
		MD	3 yrs	MBBS		Microbio-3	Microbio-2	7.
		MD	3 yrs	MBBS		FMT-4	FMT-4	8.
		MD	3 yrs	MBBS		Com Med-6	Com Med-6	9.
		MD	3 yrs	MBBS		Gen Med-8	Gen Med-8	10.
		MD	3 yrs	MBBS		TB CD – 2	TB &CD-0	11.
		MD	3 yrs	MBBS		Psychiatry-2	Psychiatry-2	12.
		MD	3 yrs	MBBS		Dermat-2	Dermat-2	13.
		MS	3 yrs	MBBS		Gen Surg-4	Gen Surg-3	14.
		MS	3 yrs	MBBS		Ortho – 2	Ortho – 1	15.
		MS	3 yrs	MBBS		ENT – 3	ENT – 2	16.
		MS	3 Yrs	MBBS		Ophthal-4	Ophthal-4	17.
		MD	3 Yrs	MBBS		Radio Diag-3	Radio Diag-3	18.
		MD	3 Yrs	MBBS		Aneshtesia-5	Anesthesia-3	19.

		MS	3 Yrs	MBBS		OBG – 5	OBG – 4	20.
		MD	3 Yrs	MBBS		Pediatrics-7	Pediatrics-7	21.
	PARA MEDICAL COURSES-6							
	Diploma in Medical Laboratory Technology					20		22.
	Diploma in Operation theatre technology					20		23.
	Diploma in Medical Xray Technology					20		24.
	Diploma in Health Inspector					20		25.
	Diploma in Ophthalmic Technology					20		26.
	Diploma in Medical Record Technology					20		27.
	Ph.D. in physiology					02		28.
	Fellowship programme in ENT					12 mths		29.
	Fellowship progrmme in Pediatrics					12 mths		30.
	Superspeciality							
	DM Cardiology					01		31.
	MCh Urology					01		32.
	MCh Plastic Surgery					01		33.
	MCh Pediatric Surgery					01		34.

Rajarajeswari Medical College & Hospital, Bangalore

PG Students Details

Sl. No	**Department Name**	**2011-12**	**2012-13**	**Total No of Students**	Male	Female
1	Anatomy	2	2	4	1	3
2	Physiology	2	4	6	2	4
3	Biochemistry	2	2	4	0	4
4	Pathology	2	5	7	4	3
5	Microbiology	1	2	3	0	3
6	Pharmacology	1	2	3	2	1
7	Forensic Medicine	2	4	6	1	4
8	Community Medicine	1	6	7	3	5
9	Ophtalmology	2	4	6	4	2
10	ENT	1	2	3	2	1

11	Pediatrics	2	7	9	6	3
12	Genereal Medicine	2	8	10	9	1
13	General Surgery	3	3	6	4	2
14	OBG	2	4	6	1	5
15	Psychiatry	1	2	3	2	1
16	Dermatology	1	2	3	0	3
17	Orthopedics	1	1	2	2	0
18	Radio Diagnosis	2	3	5	5	0
19	Anaesthesia	2	3	5	3	2
Total				**98**	**51**	**47**

PARA MEDICAL COURSES

Batch	Total No Students	Female	Male
2008-09			
DMLT	22	12	10
OTT	14	4	10
X-Ray	3	3	0
HI	18	15	3
2009-10			
MLT	9	4	5
OTT	9	4	5
X-Ray	7	3	4
HI	11	0	11
2010-11			
MLT	20	9	11
OTT	14	9	5
X-Ray	12	6	6
HI	14	6	8
2011-12			
MLT	10	6	4
OTT	6	4	2
X-Ray	4	3	1
HI	7	6	1
2012-13			
MLT	16	9	7
OTT	2	2	0
X-Ray	7	1	6
HI	5	1	4

12. How many departments are there in your institution? List the departments.

30 departments in our institution

1. **Anatomy**
2. **Physiology**
3. **Biochemistry**
4. **Pathology**
5. **Microbiology**
6. **Pharmacology**
7. **Forensic Medicine**
8. **Community Medicine**
9. **General Medicine**
10. **Psychiatry**
11. **TB & CD**
12. **Dermatology**
13. **General Surgery**
14. **Ophthalmology**
15. **E N T**
16. **Orthopedics**
17. **Radio diagnosis**
18. **Anesthesia**
19. **OBG**
20. **Pediatrics**
21. **Physiotherapy**
22. **Dentistry**
23. **DM Cardiology**
24. **M.Ch Urology**
25. **M.Ch Plastic Surgery**
26. **M.Ch Pediatric Surgery**
27. **Nephrology**
28. **Vascular surgery**
29. **Surgical gastroenterology**
30. **Neurosurgery**

13. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

Including the salary component(with out depreciation)	Rs.423714
Excluding including the salary component(with out depreciation + Salary)	Rs.166445

B) Criterion-wise inputs

Criterion I: Curricular Aspects

1.	Does the college have a stated				
	Vision?	Yes	☑	No	□
	Mission?	Yes	☑	No	□
	Objectives?	Yes	☑	No	□

2.	Number of Programme options,1 MBBS,20 MD/MS, 6 Paramedical,1-Ph.D,4-superspeciality, and 2 fellowship	34
3.	Number of Subjects taught in the institution	20

4.	No. of overseas programmes on campus and income earned:	No.	Amount	Agency
		-	-	-

5.	Does the college offer self-funded programmes?	Yes ☑	No □
	If yes, how many courses?	34	

6.	Inter/multidisciplinary programmes	Yes	☑	No	□	No	1
7.	Programmes with semester system	Yes	□	No	☑	No	Nil

8.	Programmes with choice based credit system	Yes	□	No	☑	No	Nil
9.	Programmes with elective options	Yes	☑	No	□	No	20
10.	Courses offered in modular form	Yes	□	No	☑	No	Nil

11.	Courses with ICT enabled teaching learning process	Yes	☑	No	□	No	20
12. 2	Programmes where assessment of teachers by the students has been introduced	Yes	☑	No	□	No	20
13.	Programmes with faculty exchange/ visiting faculty	Yes	□	No	☑	No	Nil
14.	New programmes (UG and PG) introduced during the last five years-	Yes	☑			No	33
15.	Subjects in which major syllabus revision was done during the last five years	Yes	☑	No	□	No	**20**

16.	Obligatory internship (UGC + other vocational programmes)	Yes	☑	No	□	No	One
17.	Introduction of Contemporary courses	Yes	☑	No	☑	No	4

18.	Is there any mechanism to obtain feedback on curricular aspects from					
	a. Academic Peers?	Yes	☑	No	□	
	b. Alumni?	Yes	☑	No	□	
	c. Students?	Yes	☑	No	□	
	d. Employers?	Yes	☑	No	□	
	e. Any other (please specify) Yes Patients-1500. Across 30 departments Teachers 10500, library users 500 parents 65-, teachers self-performance appraisal 343-,competencies in alumni -50,dept monthly feedback, program - 200 student teaching and evaluation -100,infrastructure feedback-500-, and grand total of feedback run in thousands . total 14-feed formats are designed and implemented by the instituted					

19.	Course evaluation made	Yes	☑	No		No	20
20.	Programmes with twinning arrangement / international collaboration	Yes		No	☑	No	Nil

21.	Any others (specify)	Student visit to Hammersmith University

3. Criterion II: Teaching-Learning and Evaluation

1.	How are students selected for admission to various courses?	Through KEA & KRLMPCA entrance test
	a) Through an entrance test developed by the institution	By KRLMPCA
	b) Common entrance test conducted by the university/ Government along with 5y merit at qualifying examinations	✓
	c) Through Interview	-
	d) Entrance test and interview	-
	e) Merit at the previous qualifying examination	✓
	f) Any other (specify) entrance test by KEA	✓

	Highest and Lowest percentage of marks at the qualifying examination considered for admission during the previous academic year.					
Programmes (UG and PG)	Open Category GM		SC/ ST Category		Any OBC(Specify)	
	Highest%	Lowest%	Highest %	Lowest%	Highest %	Lowest%
UG	765	3050	3446 (ST) 5074 (SC)	- 8992 (SC)	830	5570
PG	49 (in service)	2728	38 (ST) 3344 (SC)	535.(SC)	3570 (OBC)	-

3.	Number of working days in the last academic year	305 days
4.	Number of teaching days in the last academic year	Theory - 305 days Clinical Postings – 365 days

5.	Number of positions sanctioned and filled	Sanctioned	Filled
	Teaching	343	343

	Non-teaching	-	900
	Technical	**62**	39 M+23F

Sl. No	Designation	Male	Female	Total
1	Professors	50	20	70
2	Reader	17	16	33
3	Asst.Prof/Lecturer/Sr. Residents	55	53	108
MBBS	Tutors	66	66	132
Total		188	155	343

6.	a.	Number of regular and permanent teachers (gender-wise)	Professors	M	50	F	20
			Readers	M	17	F	16
			Lecturers	M	55	F	53
			Tutors	M	66	F	66
			Total		188		155
	b.	Number of temporary teachers (gender-wise)	Lecturers – Full- time	M	-	F	-
			Lecturers – Part- time	M		F	
			Lecturers (Management appointees) - Full time	M		F	
			Lecturers (Management appointees) - Part time	M		F	
			Any other				
			Total				

	c.	Number of teachers	Same state	343
			Other states	No

			Overseas	No

TEACHER DETAILS FULL TIME PERMANENT

MD. /MS. Qualification

Sl. No	Designation	Male	Female	Total
1	Professors	50	20	70
2	Reader	17	16	33
3	Asst.Prof/Lecturer/Sr. Residents	55	53	108
MBBS	Tutors	66	66	132
Total		188	155	343

7.			Number	%
	a.	Number of qualified/permanent teachers and their percentage to the total faculty	343	100%
	b.	Teacher student ratio	8:10	
	c.	Number of teachers with Ph.D./MDS/MD/MS. as the highest qualification and their percentage to the total faculty strength	211	61.5%
	d.	Number of teachers with super specialization as highest qualification and their percentage to the total faculty strength	18l	5.2%
	f.	Percentage of the faculty served as resource persons in Workshop/ Seminars/ Conferences during the last five years?	211 /-of 343 Medical staff -. 61.5%	
	g	Number of faculty development programmes availed of by teachers Any other (specify) Conferences attended -5yrs ----501, Details of specialty clinics -----22, Power point presentations ----373		

	h.	Number of faculty development programmes organized by the college during last five years: Seminars/ workshops/ symposia on curricular development, teaching-learning, assessment, etc. Conferences Attended-501,problem based learning -287, Enrichment courses -81, ongoing projects -122 Research management, Faculty Research topics -.116, Conferences conducted 5yrs ---102 Conferences Attended- ---------- 501 Journal Clubs, PG Seminars, ----- 634 Integrated teaching ---------- -- 17 Problem based learning ---287, Tutorials- ---------- 430, Stud projects ---------- -55, Spl clinic---------- -22,

8.	Does the institution have the tutor-ward system?	Yes	☑	No	□
	If yes, how many students are under the care of a teacher for systematic academic work?	1:10			

9.	Remedial programmes offered	Yes	☑	No	□	Number	21
10.	Bridge courses offered	Yes	☑	No	□	Number	1
11.	Are there courses with ICT- enabled Teaching-learning process?	Yes	☑	No	□	Number	21

12		Is there a mechanism for?				
	a.	Self-appraisal of faculty?	Yes	☑	No	□
	b.	Student assessment of faculty performance?	Yes	☑	No	□
	c.	Expert/peer assessment of faculty performance?	Yes	☑	No	□

13.		Additional administrative work done by faculty / staff	Yes	☑	No	□
		If yes, number of hours spent by the faculty per week	5 hrs/week			
14.		Any others (specify)				

3. Criterion III: Research, Consultancy and Extension

1.	How many teaching faculty are actively involved in research?(guiding research, managing research projects etc.,)	Number 211 / 343	% of total 61.5%

2.	Research collaborations					
	a)	National	Yes	☑		
		If yes, how many?	---			
	b)	International If yes, how many?	Yes	-		
3.		Is the faculty involved in consultancy Work?	Yes	☑	No	
		If yes consultancy earnings/year(average of last two years may be given)				

4.	Furnish the following details for the past five years		
	a.	Number of teachers who have availed themselves of the faculty improvement programmes-211	
	b.	Number of national/international conferences organized by the institution	
		National International	-102, -1

5.	a.	Does the institution have ongoing /completed research projects?	Yes	☑	No		
		If yes, how many?					
			On going			122	
			Completed			77	

b..Provide the following details about the ongoing research projects

Industry sponsored	Yes		No	Number	industry		Amt.

Any other (specify)				Research topics -.116	Rs.75 lakhs for faculty development activities-including faculty research and attending conferences is earmarked and is being utilized.
No. of student research	Yes		No	Number Student projects -55	Amount sanctioned by the College Rs.25 lakhs for student research and research committee has drawn necessary policies

6.	Research publications: (subsequent to first assessment)						
International journals		Yes	☑	No		Number	80,
National journals – refereed papers		Yes	☑	No		Number	124
University / College journal		Yes		No		Number	1
Books		Yes	☑	No		Number	18
Abstracts		Yes	☑	International Presentation -39, International chaired -13, National-Presentation-49, National chaired-48,			
Any other (specify): National Scientific sessions chaired-48 , International Scientific sessions chaired -13, guest are invited, Awards-43 received , articles news magazines , - radio talks, media TV talks given by faculties							
Mean Impact Factor of the best research journals in which publications were made (last -- years)							
Mean Impact Factor of the research journals in which publications were made (last --- years)---							
Awards-, recognition, patents etc. if any (specify) Awards-43							

7.	Presentation of research papers:	Yes☑		No
	If yes, number of papers presented at			
	national seminars	☑	----	49
	international seminars	☑	-----	39
	Any other research activity, specify	International chaired -13,		

		National chaired-48, Books authored -18
8.	Number of other extracurricular/co-curricular meets activities organized by in collaboration with other agencies/NGOs (such as Rotary/Lion's etc.) on campus- 76 extension activities are done in collaboration with Rotary- a booklet will be presented during peer team visit	

9.	Extension center:	Yes	✓	No		Yr. of Estb.	2005

10.	Number of regular extension programmes organized by NSS, NCC, etc.	**76**

11.	Number of NCC cadets	M	-	F	-

12.	Number of NSS volunteers	M	-	F	-

4. Criterion IV: Infrastructure and Learning Resources

1.	(a) Campus area in acres	
	(b) Built in area in sq. meters **(*1 sq.ft = 0.093 sq.mt)**	740015 Sq. mts.
	Working hours of the library	Maximum 12 hours/day
2.	On working days	Monday to Friday- 9:00AM to 9:00PM Saturday-9:00AM to 4:00PM
	On holidays	Sundays-9:00AM to 4:00PM & Holidays closed.
	On Examination Days	2 months till 12AM (Midnight)
3.	Average number of faculty visiting the library/day	20 to 30 faculty
4.	Average number of students visiting the library/day	Central Library Reference – 80 to 90. Personal Reading Room – 50 to 60.
5.	Stock of books in the library	Available

<table>
<tr><td>a.</td><td>Number of Titles</td><td>3922</td></tr>
<tr><td>b.</td><td>Number of Volumes</td><td>13463</td></tr>
<tr><td>6.</td><td>Furnish the information regarding the number of journals subscribed by the institution</td><td><table><tr><td>Year</td><td>Nat.</td><td>Intl.</td><td>Total</td></tr><tr><td>2013</td><td>78</td><td>57</td><td>135</td></tr><tr><td>2012</td><td>74</td><td>40</td><td>114</td></tr><tr><td>2011</td><td>67</td><td>56</td><td>123</td></tr></table></td></tr>
<tr><td>7.</td><td>Open access:</td><td>Yes by subjects wise</td></tr>
<tr><td>8.</td><td>Total collection</td><td></td></tr>
<tr><td>a.</td><td>Books</td><td>12463</td></tr>
<tr><td>b.</td><td>Textbooks</td><td>8995</td></tr>
<tr><td>c.</td><td>Reference books</td><td>4468</td></tr>
<tr><td>d.</td><td>Magazines</td><td>--Nil--</td></tr>
<tr><td>e.</td><td>Current journals
Indian journals
Foreign journals</td><td><table><tr><td>Journals</td><td>Nos.</td></tr><tr><td>Indian</td><td>78</td></tr><tr><td>Foreign</td><td>57</td></tr></table></td></tr>
<tr><td>f.</td><td>Peer reviewed journals</td><td>Yes all journals are Peer reviewed</td></tr>
<tr><td>g.</td><td>Back volumes of journals</td><td>1131</td></tr>
<tr><td rowspan="5">h.</td><td>E-information resources</td><td>Available</td></tr>
<tr><td>CDs/ DVDs</td><td>347</td></tr>
<tr><td>Databases</td><td>-</td></tr>
<tr><td>Online journals</td><td>379</td></tr>
<tr><td>Other AV resources :</td><td>Video: 347</td></tr>
<tr><td>i.</td><td>Special collection</td><td></td></tr>
<tr><td></td><td>UNO Depository Centre</td><td>-</td></tr>
<tr><td></td><td>World Bank Repository</td><td>-</td></tr>
<tr><td></td><td>Materials acquired under special schemes (IEEE, ACM, NBHM, DST etc.)</td><td>-</td></tr>
<tr><td></td><td>Competitive examinations</td><td>For PG entrance examination available.</td></tr>
<tr><td></td><td>Book Bank</td><td>223</td></tr>
<tr><td></td><td>Braille materials</td><td>--Nil--</td></tr>
</table>

	Manuscripts	--Nil--
	Any other, Please specify	WHO Publications: it is start to subscribe from 2013.

9	Number of books/journals/periodicals added during the last five years and their cost.									
As per Financial Year	2012-13		2011-12		2010-11		2009-10		2008-09	
	Nos.	Cost	Nos.	Cost	Nos.	Cost	Nos.	Cost	Nos.	Cost
Textbooks	415	1803246.00	290	556586.00	4133	2817450.00				
Other Books										
Journals/Periodicals	135	3102025.00	228	3666078.00	44	927059.00	100	747871.00		
Any other										
Grand Total =		4905271.00		4222664.00		3744509.00				

10.	Mention the	
	Total caper area of the Central Library (in Sq. ft.)	44000 sq. ft.
	Number of departmental libraries	20
	Average carpet area of the departmental libraries	100 sq. ft. (my guest)
	Seating capacity of the Central Library	456

11.	Automation of Library	Yes	Yes	No	
	If Yes, fully automated	Yes	Yes	No	
	Partially automated	Yes		No	No
	Name the application software used	**NewGenLib 2.0.0 Version**			
12.	Percentage of library budget in relation to total budget			2012-13	2.30%
				2011-12	2.07%
				2010-11	1.82%

		2009-10	2.27%
		2008-09	2.39%
		Total =	**10.85%**
13.	Services/facilities in the library		
	Circulation	Available	
	Bibliographic compilation	Available	
	Reference	Available	
	Photocopying	Available	
	Computer and Printing	Available	
	Internet	Available	
	Digitalization	Available	
	Inter-Library Loan	Available	
	Power back up	Available	
	Information display and notification	Available	
	User orientation/information literacy	Available	
	Any others, Please specify		
14	Are students allowed to retain books for examinations?	**Yes**	
15.	Furnish		
	Average number of books issued/returned per day		
	Average number of users who visited/consulted per month		
	Ratio of library books to the number of students enrolled	**5**	
16.	Computer terminals in the library	**43**	
	Number of computers in the college	**145**	
	Number of departments with computers facilities	**30**	
	Central Computer Facility (number of terminals)	**40**	
	Budget allotted for computers in the last academic year		

	Amount spent on maintenance and upgrading of computer facilities in the last academic year		
	Internet connecting facility	Dialup	
		Baseline	
		Broadband	
	Number of terminals with internet facility available to	Students	30
		Teachers	8
		Non-teaching staff	2

	Workshop/Instrumentation Centre	Yes	☑	No		Year of Establishment	**2005**
	Any other (specify)						
17.	Residential accommodation(House Surgeons & Others)	Yes	☑	No		Year of Establishment	**2005**
18	Residential accommodation						
	Faculty	Yes	☑	No			**2005**
	Non-teaching staff	Yes		No	☑		**2005**
19.	Hostels	Yes	☑	No		Year of Establishment	**2005**
	If yes ,number of students residing in hostel	Female-157-Male-172					
	Male	Yes	☑	No		Year of Establishment	**2005**
	Female	Yes	☑	No		Year of Establishment	**2005**
20.	Sports fields	Yes	☑	No		Year of Establishment	**2005**
21.	Gymnasium	Yes	☑	No		Year of Establishment	**2005**
22.	Women's rest rooms	Yes	☑	No		Year of	**2005**

						Establishment	
23.	Transport	Yes	☑	No		Year of Establishment	**2005-**
24.	Canteen	Yes	☑	No	☑	Year of Establishment	**2005**
25.	Students centre	Yes	☑	No		Year of Establishment	**2005**
26.	Media centre	Yes	☑	No		Year of Establishment	**2005**
27.	Equipments/teaching aids						
	LCD projectors	Yes ☑					
	OHP	Yes ☑					
	Slide projectors	Yes ☑					
	TV/VCP/Cable connection	Yes ☑					
	DVD players	Yes ☑					
	Edusat/Vsat	YES ☑Helinet					
28.	Indoor sports facilities	Yes	☑	No		Year of Establishment	**2005-**
29.	Any others (specify)	-					
		Yes	-	No	-	Year of Establishment	-

5. Criterion V: Student Support and Progression

a Student strength

(Provide information in the following format for the past 5 years)

Enrolment	YEAR	UG			PG			Diploma / Certificate		
		M	F	T	M	F	T	M	F	T
Number of students from the same state where the institution is located	2007-08	15	28	43	-	-	-			
	2008-09	14	29	43	-	-	-			
	2009--10	29	41	70	-	-	-			
	2010--11	26	52	78	-	-	-			

	2011-12	26	50	76	06	11	17			
	2012-13	29	44	73	10	20	30			
Number of students from other states	2007-08	27	30	57	-	-	-			
	2008-09	33	24	57	-	-	-			
	2009--10	16	14	30	-	-	-			
	2010--11	13	09	22	-	-	-			
	2011-12	36	34	70	10	05	15			
	2012-13	28	46	74	23	11	34			
Number of NRI students	2007-08	-	-	-						
	2008-09	-	-	-	-	-	-			
	2009--10	-	-	-	-	-	-			
	2010--11	-	-	-	-	-	-			
	2011-12	-	03	03	02	-	02			
	2012-13	03	-	03	-	-	-			
Number of overseas students	2007-08	-	-	-	-	-	-			
	2008-09	-	-	-	-	-	-			
	2009--10	-	-	-	-	-	-			
	2010—11	-	01	01	-	-	-			
	2011-12	-	-	-	-	-	-			
	2012-13	-	-	-	-	-	-			

	Total Male	Total Fe Male	Total	SS	OS
MBBS	172	257	429	271	158
MD	38	37	75	45	30
MS	13	10	23	09	14
Paramedical	103	107	210	209	01
DM/MCH Specialty Wise	-	-	-	-	-
Total	326	411	737	534	203

M – Male, F- Female, T-Total

2. Student Freeships and scholarships: (last year)

		Number	Amount
	Endowments:		-
	Free ships		-
	Scholarship (Government)		214160
	Scholarship (Institution)		-
	Number of loan facilities:		-
	Any other student financial support schemes (specify)		-

3.	Does the institution obtain feedback from students on their campus experience?	Yes	☑	No	

4. Major Cultural Events (Last year data) ----------

	Organized			Participated		
	Yes	No	Number	Yes	No	Number
Inter-collegiate		No	-	Yes☑		-
Inter-university		No	-		No	-
National		No	-		No	-
Any other (specify)		No	-	Yes☑ RGUHS Intra Collegiate		-

5. Examination Results (past five years)

	UG					PG					M. Phil				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
2006-07															
% of passes	54	48	-	-	-										
Number of first classes	27	19	-	-	-			**Not Applicable**							
Number of distinctions	01	01	-	-	-										
Rank if any	Nil	Ni	-	-	-										

		l													
2007-08															
% of passes		-	-	-	-										
Number of first classes		-	-	-	-			**Not Applicable**							
Number of distinctions		-	-	-	-										
Rank if any		-	-	-	-										
2008 – 09															
% of passes	39	81	-	-	-										
Number of first classes	19	17	-	-	-			**Not Applicable**							
Number of distinctions	02	-	-	-	-										
Rank if any	-	-	-	-	-										
2009 - 10															
% of passes	34	69	78												
Number of first classes	19	24	08					**Not Applicable**							
Number ofdistinctions	01	01	-												
Rank if any	-	-	-												
2010-11															
% of passes		53	73	84											
Number of first classes		13	27	12				**Not Applicable**							
Number of distinctions		01	-	-											
Rank if any	-	-	-	-											
2011 - 12															
% of passes	44	92	83	67											
Number of first classes	32	20	28	08				**Not Applicable**							

Number ofdistinctions	03	02	-	-												
Rank if any	-	-	-	-												
2012-13																
% of passes	33	56	80	80												
Number of first classes	30	31	24	14				**Not Applicable**								
Number ofdistinctions	10	02	08	-												
Rank if any																

6.	Are there any overseas students	Yes	✓	No	
	If yes, how many	-	04		
7.	How many students have pursued post-graduation, qualified the DNB during the last five years	**12** have passed		**12**	

8.	Student personal counseling centre	Yes	☑	No		Year of Establishment	2005
9.	Grievance Redressal Cell	Yes	☑	No		Year of Establishment	2005
10 .	Alumni Centre Association	Yes	☑	No		Year of Establishment	2013
11 .	Parent-teacher Association	Yes	☑	No		Year of Establishment	2005
12 .	Students group insurance scheme	☑					
13 .	Number of students using book bank facility	**75**					
14 .	Career counseling/ placement cell	☑					
15 .	Single window admission for foreign students	☑					
16 .	Any others (specify)	☑					

6. Criterion VI: Governance and Leadership

1.	Has the institution appointed permanent Principal?		Yes	☑	No		
	If yes, denote the qualifications		M.D.Pathology				
	If no for how long has the position been vacant		Not applicable				
2.	Number of professional development programmes held for the non-teaching staff (last two years)		4				
	Percentage of posts filled under reserved categories:						
3.	a.	Number of Teaching staff					
		Permanent	238				
		Temporary	-				
	b	Number of Non-teaching staff Permanent	900				
		Temporary	-				
		Number of Technical Assistants Permanent	M	27	F	18	
	c	Temporary	-				
	d	Teaching – Non-teaching staff ratio					
		Total there are **900** non-teaching staff of which **all** are full time permanent working in Medical college.. Of the **900** NTS 243 **are male &657** are female. Of the 900 NTS 55 are technical in which 27 male and 18 female. Total non-Teaching Staff Male-900- Female 657- , Same State- 1- ,Other State- - ,Technical Staff 18F, 27M					
	c.	Number of Technical Assistants					
		Permanent	M	27	F	18	
		Temporary	M	Nil	F	Nil	
	d.	Teaching – Non-teaching staff ratio	-/-				
4.	Number of management appointees		Nil				
		Teaching staff	M	-	F	-	
		Non-Teaching	M	-	F	-	
		Tech. Assistants	M	-	F	-	

5.	Percentage of posts filled under reserved categories:		Nil
	a.	Teaching	
		SC/ST	-
		MBC	-
		BC	-
		OC	-
		Any other (specify)	-
	b.	Non-Teaching	
		SC/ST	- SC, -ST
		MBC	
		BC	
		OC	
		Any other (specify)	-
6.		Number of non-teaching staff development programmes in last two years -2 every year	-

7	Financial resources of the institution (approximate amounts) – Last year data (11-12)	
	Grant-in-aid	
	10-11 Fees	119905060
	Donation	
	Self-funded courses Alumni association	
	Any other (specify): Consultancy Fees	

8	Financial resources of the institution (approximate amounts) — **Before last year's data**	
	Grant-in-aid	
	10-11 Fees	119905060
	Donation	
	Self-funded courses Alumni association	
	Any other (specify): Consultancy Fees	

9.			
Expenditure(with out depreciation)		2010-2011	2011 – 2012

% spent on the salary of faculty	60.7%	53.1%
% spent on books and journals	00.13%	1.83%
% spent on the salary of non-teaching employees including estate workers	15%	11%
% spent on building developmental assistance	0.28%	2.93%
% spent on maintenance, electricity, water, sports, examinations, hostels, student amenities, etc.	1.40%	5.43%
% spent on academic activities of departments, laboratories, green house, animal house, etc.	1.66%	4.88%
% spent on equipment, research, teaching aids, seminars, contingency etc.	2.19%	0.488%

10.	Number of meetings of Academic and Administrative Bodies:	2012 -2013
Governing Body		2
Internal Administrative Bodies (mention only three most important bodies) Library advisory committee, research committee, Grievance Redressal Cell, IQAC		4 Each
Any others (specify) College council ,meeting of associate Deans, Students Council ,Alumni Association, Committees Under IQAC,Sports Committee		

11.	Welfare Schemes for the academic community (past 5 years)					Amount
		Loans	Yes	☑	No	-
		Medical attention	Yes	☑	No	-
		Any other (specify)	Yes	☑	No	-

12.	Are there ICT supported /computerized: Units/processes/activities for the following?					
	a)	Administrative section/Office	Yes	☑	No	
	b)	Finance unit	Yes	☑	No	
	c)	Student admissions	Yes	☑	No	
	d)	Placements	Yes	☑	No	
	e)	Aptitude Testing	Yes		No	☑

	f)	Examinations	Yes	☑	No	
	g)	Student Records	Yes	☑	No	
13.	Any others (specify)		Stake holders feedback, and analyses			

7. Criterion VII: Innovative Practices

1.	Has the institution established internal quality assurance mechanisms?	Yes	☑	No	
2.	Do the students participate in quality enhancement initiatives of the institution?	Yes	☑	No	

3.	What is the percentage of the following student categories in institution?	
	a. SC	8
	b. ST	7
	c. OBC	73
	d. Women	91
	e. Differently abled	0
	f. Rural	0
	g. Any other (specify)	0
	Total Students = -= SC + ST + OBC+ Any other **SS-78,OS-72,M-59,F91,SC-8,ST.7.0BC,73**	

	What is the percentage of the following categories of staff 2012-13					
		Category	Teaching staff	%	Non-teaching staff	%
	a	SC		5%		**5%**
	b	ST		5%		%
	c	OBC		2%		%
	d	Women		40%		75%
	e	Physically-Challenged		-		-
	f	General Category		-		-
	g	Any Other (Specify)		-		-

5.	What is the percentage incremental academic growth of the following category of students for the last two batches				
	Category	At Admission		on completion of the course	
		Batch I	Batch II	Batch I	Batch II
a.	SC-	15	08	15	05
b.	ST –	-	04	-	02
c.	OBC (SEBC)	-	-	-	-
d.	Women-	-	-	-	-
e.	Physically Challenged	-	-	-	-
f.	General category-	85	88	77	56
g.	**Any other (specify)**				

6.	Any other (specify)	

SL No	Departments Name	Awards	Fac. Res.	Inter pub	NAT. pub	Inter Pres	nat. Pres	INT.CHAIR	Nat. hair	Books
1	Anatomy	10	8	4	0	3	2	0	7	1
2	Physiology	2	12	6	1	4	1	1	0	2
3	Biochemistry	1	12	2	12	2	7	1	1	1
4	Pathology	1	5	1	12	7	5	1	5	0
5	Microbiology	0	8	1	5	1	2	0	0	0
6	Pharmacology	4	7	1	6	1	3	0	1	0
7	Forensic Medicine	0	4	1	9	0	8	0	2	0
8	Community Medicine	0	9	3	11	4	4	1	2	1
9	Gen Medicine	2	5	1	10	3	5	3	2	0
10	Gen Surgery	4	10	1	9	0	0	0	2	2
11	Orthopedics	2	1	6	9	0	1	1	1	1
12	Dermatology	6	0	12	6	4	0	0	4	2
13	ENT	2	0	26	0	0	0	0	2	7
14	Ophthalmology	2	3	1	2	2	0	0	2	0
15	Psychiatry	0	2	0	8	0	0	0	1	0
16	TB & CD	0	2	0	0	0	0	0	0	0
17	Anesthesia	2	8	3	15	5	8	2	6	0
18	Pediatrics	3	4	5	2	1	0	2	6	1
19	OBG	1	8	0	4	0	2	0	3	0
20	Radiodiagnosis	1	5	2	2	2	1	1	1	0
21	Pediatric Surgery	-	-	-	-	-	-	-	-	-
22	Plastic Surgery	-	-	-	-	-	-	-	-	-
23	DM Cardiology	-	3	-	-	-	-	-	-	-
24	Urology	-	-	-	-	-	-	-	-	-
25	Physiotherapy	-	-	-	-	-	-	-	-	-
26	Nephrology	-	-	4	1	-	-	-	-	-
27	Vascular Surgery	-	-	-	-	-	-	-	-	-
29	Surgical Gastro	-	-	-	-	-	-	-	-	-
30	Dentistry	-	-	-	-	-	-	-	-	-
	Total	**43**	**116**	**80**	**124**	**39**	**49**	**13**	**48**	**18**

SL No	Departments Name	ATTE. CON	CON. CON	Services	Ext act	ENR cou	app guid	ong proj	pro comp
1	Anatomy	61	0	8	3	3	3	6	3
2	Physiology	23	11	5	0	4	2	5	7
3	Biochemistry	72	1	5	3	6	3	5	3
4	Pathology	72	9	19	0	3	5	6	1
5	Microbiology	27	3	23	0	0	3	13	7
6	Pharmacology	10	3	5	0	4	3	11	5
7	Forensic Medicine	1	1	3	2	0	2	0	0
8	Community Medicine	58	6	4	5	13	3	5	2
9	Gen Medicine	9	15	4	2	5	7	11	5
10	Gen Surgery	8	4	3	1	2	8	0	0
11	Orthopedics	26	4	3	0	0	2	0	0
12	Dermatology	13	5	15	2	2	2	3	0
13	ENT	32	3	32	7	0	2	10	26
14	Ophthalmology	1	1	3	3	2	2	4	2
15	Psychiatry	11	0	3	1	1	2	0	0
16	TB & CD	0	0	6	2	1	2	2	0
17	Anesthesia	45	9	0	27	0	3	7	4
18	Pediatrics	9	6	7	5	11	4	9	2
19	OBG	17	5	23	3	22	4	17	7
20	Radiodiagnosis	6	2	5	1	2	5	5	0
21	Pediatric Surgery	-	-	-	-	-	-	-	-
22	Plastic Surgery	-	-	6	-	-	-	-	-
23	DM Cardiology	-	12	10	-	-	-	-	-
24	Urology	-	2	12	-	-	-	-	-
25	Physiotherapy	-	-	-	-	-	-	-	-
26	Nephrology	-	-	-	9	-	-	3	3
27	Vascular Surgery	-	-	-	-	-	-	-	-
29	Surgical Gastro	-	-	-	-	-	-	-	-
30	Dentistry	-	-	-	-	-	-	-	-
	Total	**501**	**102**	**204**	**76**	**81**	**67**	**122**	**77**

SL No	Departments Name	PBL	jou sub	Dist achi	Budget	Dis topic	Tutorials	Stud pro	
1	Anatomy	3	5	11	0	3	84	6	0
2	Physiology	8	9	1	0	5	38	0	0
3	Biochemistry	6	5	4	0	4	72	9	3
4	Pathology	162	8	0	0	7	3	0	0
5	Microbiology	3	25	0	0	4	0	5	0
6	Pharmacology	3	7	0	0	2	68	5	0
7	Forensic Medicine	0	0	0	0	5	0	0	0
8	Community Medicine	11	30	1	18	7	0	3	3
9	Gen Medicine	5	6	3	0	10	10	3	6
10	Gen Surgery	10	5	0	0	6	20	0	0
11	Orthopedics	6	3	1	0	2	1	0	0
12	Dermatology	2	14	0	0	3	10	0	0
13	ENT	6	41	8	0	2	56	0	0
14	Ophthalmology	4	8	1	0	5	1	2	3
15	Psychiatry	10	5	0	0	3	10	6	0
16	TB & CD	2	3	0	0	0	5	0	0
17	Anesthesia	11	6	13	0	5	4	4	0
18	Pediatrics	2	8	6	2	11	15	3	3
19	OBG	31	2	2	0	6	29	9	0
20	Radiodiagnosis	2	4	0	0	5	4	0	0
21	Pediatric Surgery	-	-	-	-	-	-	-	-
22	Plastic Surgery	-	-	-	-	-	-	-	-
23	DM Cardiology	-	-	-	-	-	-	-	-
24	Urology	-	-	-	-	-	-	-	-
25	Physiotherapy	-	-	-	-	-	-	-	-
26	Nephrology	-	18	-	-	-	-	-	4
27	Vascular Surgery	-	-	-	-	-	-	-	-
29	Surgical Gastro	-	-	-	-	-	-	-	-
30	Dentistry	-	-	-	-	-	-	-	-
	Total	**287**	**212**	**51**	**20**	**95**	**430**	**55**	**22**

Rajarajeswari Medical College & Hospital

Part-1
B. Profile of the Departments

C. Profile of the Department

Anatomy

		Responses
1.	Name of the Department	Anatomy
2.	Year of Establishment	2005-06
3.	Number of Teachers sanctioned and present position	10,10
4.	Number of Administrative Staff	1 computer operator
5.	Number of Technical Staff	5
6.	Number of Teachers and Students	10 teachers, 150students
7.	Demand Ratio (No. of seats : No. of applications)	150:150
8.	Ratio of Teachers to Students	1:15
9.	Number of research scholars who had their master's degree from other institutions	1
10.	The year when the curriculum was revised last	2004
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	Annexure 41
13.	University Distinction/ Ranks	Annexure 41
14.	Publications by faculty (last 5 years)	Annexure 1&2
15.	Awards and recognition received by faculty (last five years)	Dr. Dharma Naranain gold medal for best research paper presented in ASI conference 1982
16.	Faculty Attended National and International Seminars (last five years)	Fact data sheetAnnexure IX
17.	Number of National and International seminars organized (Last five years)	Fact Data Sheet Annexure VII &VIII
18.	Number of teachers in consultancy generated	…….
19.	Number of Ongoing projects and its total outlay	Annexure 12
20.	Research projects completed during last two & its total outlay	NIL
21.	Number of inventions and patents	
22.	Number of Ph. D theses guided during the last two years	
23.	Number of Books in the Departmental Library, if any	159
24.	Number of Journals/Periodicals-International-2,National -3	
25.	Number of Computers	2

26.	Annual Budget	NIL

Physiology

		Responses
1.	Name of the Department	Physiology
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	10, 10
4.	Number of Administrative Staff	1
5.	Number of Technical Staff	3
6.	Number of Teachers and Students	10,150
7.	Demand Ratio (No. of seats : No. of applications)	150,
8.	Ratio of Teachers to Students	1:15
9.	Number of research scholars who had their master's degree from other institutions	Nil
10.	The year when the curriculum was revised last	2004
11.	Number of students passed NET/SLET etc. (last two years)	N A
12.	Success Rate of students (What is the pass percentage as compared to the University average?	42% pass,
13.	University Distinction/ Ranks	8 -2012
14.	Publications by faculty (last 5 years)	4
15.	Awards and recognition received by faculty (last five years)	2
16.	Faculty who have Attended National and International Seminars (last five years)	5
17.	National and International seminars organized (Last five years)	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	Nil
19.	Number of Ongoing projects and its total outlay	6
20.	Research projects completed during last two & its total outlay	8
21.	Number of inventions and patents	Nil
22.	Number of Ph. D theses guided during the last two years-	
23.	Number of Books in the Departmental Library, if any	190
24.	Number of Journals/Periodicals	5
25.	Number of Computers	2
26.	Annual Budget	-

Biochemistry

		Responses
27.	Name of the Department	Biochemistry
28.	Year of Establishment	2005
29.	Number of Teachers sanctioned and present position	8,11
30.	Number of Administrative Staff-*Three. HOD, Additional HOD,*	*Deputy HOD*
31.	Number of Technical Staff	*4* Technicians
32.	Number of Teachers and Students-Teachers 11, Students- 150	
33.	Demand Ratio (No. of seats: No. of applications)	150:150
34.	Ratio of Teachers to Students	1:14
35.	Number of research scholars who had their master's degree from other institutions - Applied to RGUHS, Bangalore, to start Ph.D course & to provide research facility to others	
36.	The year when the curriculum was revised last	2004
37.	Number of students passed NET/SLET etc. (last two years)	Not Applicable
38.	Success Rate of students (What is the pass percentage as compared to the University average?)	49%(Average of last 5 years)
39.	University Distinction/ Ranks	32(from 2005 to 2012)
40.	Publications by faculty (last 5 years)	12
41.	Awards and recognition received by faculty (last five years)	01
42.	Faculty who have Attended National and International Seminars (last five years)	36
43.	National and International seminars organized (Last five years)	01-CME Programme
44.	teachers engaged in consultancy and the revenue generated	----------
45.	Number of Ongoing projects and its total outlay	05
46.	Research projects completed during last two & its total outlay	03
47.	Number of inventions and patents	Nil
48.	Number of Ph. D theses guided during the last two years	Nil
49.	Number of Books in the Departmental Library, if any	135
50.	Number of Journals/Periodicals	National – 4 International- 1
51.	Number of Computers	01
52.	Annual Budget	

Pharmacology

		Responses
1.	Name of the Department	Pharmacology
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	1 Prof & HOD 2 Professors 2 Asst. Professors 3 PG/Tutors
4.	Number of Administrative Staff	03
5.	Number of Technical Staff	01
6.	Number of Teachers and Students	8 Teachers & 145 Students
7.	Demand Ratio (No. of seats : No. of applications)	
8.	Ratio of Teachers to Students	1:18
9.	Number of research scholars who had their master's degree from other institutions	
10.	The year when the curriculum was revised last	2004
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years)	07
15.	Awards and recognition received by faculty (last five years)	
16.	Faculty who have Attended National and International Seminars (last five years)	1+1
17.	National and International seminars organized (Last five years)	---
18.	Number of teachers in consultancy and the revenue generated	Nil
19.	Number of Ongoing projects and its total outlay	07
20.	Research projects completed during last two & its total outlay	07
21.	Number of inventions and patents	---
22.	Number of Ph. D theses guided during the last two years	---
23.	Number of Books in the Departmental Library, if any	143
24.	Number of Journals/Periodicals	5
25.	Number of Computers	3
26.	Annual Budget	---

Pathology

		Responses
1.	Name of the Department	Pathology
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	Ten + Five Ten + One
4.	Number of Administrative Staff	5
5.	Number of Technical Staff	18
6.	Number of Teachers and Students	7, 144 +7
7.	Demand Ratio (No. of seats : No. of applications)	-
8.	Ratio of Teachers to Students	UG 144 PG 7
9.	Number of research scholars who had their master's degree from other institutions	--
10.	The year when the curriculum was revised last	2006 - RGUHS
11.	Number of students passed NET/SLET etc. (last two years)	NA
12.	Success Rate of students (What is the pass percentage as compared to the University average?	65%
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years)	1-inter,12 national
15.	Awards and recognition received by faculty (last five years)	Nil
16.	Faculty who have Attended National and International Seminars (last five years)	IMSA – Dr Usha, International
17.	Number of National and International seminars organized (Last five years)	
18.	Number of teachers engaged in consultancy and the revenue generated	--
19.	Number of Ongoing projects and its total outlay	Two
20.	Research projects completed during last two & its total outlay	One
21.	Number of inventions and patents	--
22.	Number of Ph. D theses guided during the last two years	--
23.	Number of Books in the Departmental Library, if any	168
24.	Number of Journals/Periodicals	6
25.	Number of Computers	6
26.	Annual Budget	--

Microbiology

		Responses
1.	Name of the Department	MICROBIOLOGY
2.	Year of Establishment	1993
3.	Number of Teachers sanctioned and present position	9;10
4.	Number of Administrative Staff	2
5.	Number of Technical Staff	11
6.	Number of Teachers and Students	9:143
7.	Demand Ratio (No. of seats: No. of applications)	
8.	Ratio of Teachers to Students	1:24
9.	Number of research scholars who had their master's degree from other institutions	
10.	The year when the curriculum was revised last	-
11.	Number of students passed NET/SLET etc. (last two years)	-
12.	Success Rate of students (What is the pass percentage as compared to the University average?	
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years)	6
15.	Awards and recognition received by faculty (last five years)	-
16.	Faculty who have Attended National and International Seminars (last five years)	-
17.	Number of National and International seminars organized (Last five years)	-
18.	Number of teachers engaged in consultancy and the revenue generated	-
19.	Number of Ongoing projects and its total outlay	13
20.	Research projects completed during last two & its total outlay	7
21.	Number of inventions and patents	-
22.	Number of Ph. D thesis guided during the last two years	-
23.	Number of Books in the Departmental Library, if any	283
24.	Number of Journals/Periodicals	48
25.	Number of Computers	5
26.	Annual Budget	-

Forensic Medicine

		Responses
1.	Name of the Department	Forensic Medicine And Toxicology
2.	Year of Establishment	2004
3.	Number of Teachers sanctioned and present position	Total -3, PG - 5
4.	Number of Administrative Staff	1
5.	Number of Technical Staff	
6.	Number of Teachers and Students - Students UG -150, PG -5. Teachers- Total -3, PG - 6	
7.	Demand Ratio (No. of seats: No. of applications)	?
8.	Ratio of Teachers to Students	?
9.	Number of research scholars who had their master's degree from other institutions	-
10.	The year when the curriculum was revised last	2012
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	2012-13:80%
13.	University Distinction/ Ranks	NIL
14.	Publications by faculty (last 5 years)	10 Publications
15.	Awards and recognition received by faculty (last five years)	NA
16.	Faculty who have Attended National and International Seminars (last five years)	2 faculties
17.	Number of National and International seminars organized (Last five years)	NIL
18.	Number of teachers engaged in consultancy and the revenue generated	NIL
19.	Number of Ongoing projects and its total outlay	8 Projects
20.	Research projects completed during last two & its total outlay	NIL
21.	Number of inventions and patents	NIL
22.	Number of Ph. D theses guided during the last two years	NIL
23.	Number of Books in the Departmental Library, if any	209
24.	Number of Journals/Periodicals	5
25.	Number of Computers	2
26.	Annual Budget	

Community Medicine

1.	Name of the Department - Community Medicine	
2.	Year of Establishment - 2005	
3.	Number of Teachers sanctioned and present position	13 & 13
4.	Number of Administrative Staff	22
5.	Number of Technical Staff	07
6.	Number of Teachers and Students	07/250
7.	Demand Ratio (No. of seats : No. of applications)	150
8.	Ratio of Teachers to Students	07:35
9.	Number of research sho had their master's degree from other institutions 7	
10.	The year when the curriculum was revised last	2006
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years)	Annexure
15.	Awards and recognition received by faculty (last five years)	-

16.	Faculty who have Attended National and International Seminars (last five years)	61
17.	National and International seminars organized (Last five years)6	
18.	Number of teachers engaged in consultancy and the revenue generated	
19.	Number of Ongoing projects and its total outlay	*06*
20.	Research projects completed during last two & its total outlay	Annexure
21.	Number of inventions and patents	
22.	Number of Ph. D theses guided during the last two years	
23.	Number of Books in the Departmental Library, if any	
24.	Number of Journals/Periodicals	
25.	Number of Computers	03

Gen Medicine

		Responses
1.	Name of the Department	General medicine
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	20
4.	Number of Administrative Staff	02
5.	Number of Technical Staff	03
6.	Number of Teachers and Students	_
7.	Demand Ratio (No. of seats : No. of applications)	_
8.	Ratio of Teachers to Students	_
9.	Number of research scholars who had their master's degree from other institutions	NA
10.	The year when the curriculum was revised last	2006
11.	Number of students passed NET/SLET etc. (last two years)	NA
12.	Success Rate of students (What is the pass percentage as compared to the University average?	85-90%
13.	University Distinction/ Ranks	_
14.	Publications by faculty (last 5 years)	06
15.	Awards and recognition received by faculty (last five years)	_
16.	Faculty who have Attended National and International Seminars (last five years)	06
17.	Number of National and International seminars organized (Last five years)	O6
18.	Number of teachers engaged in consultancy and revenue generated	NA
19.	Number of Ongoing projects and its total outlay	_15
20.	Research projects completed during last two & its total outlay	_
21.	Number of inventions and patents	NA
22.	Number of Ph. D theses guided during the last two years	NA
23.	Number of Books in the Departmental Library, if any	150
24.	Number of Journals/Periodicals	11
25.	Number of Computers	03
26.	Annual Budget	_

TB and CHEST

		Responses
1.	Name of the Department	TB&CD
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	4
4.	Number of Administrative Staff	1
5.	Number of Technical Staff	4
6.	Number of Teachers and Students	Under medicine dept.
7.	Demand Ratio (No. of seats : No. of applications)	–
8.	Ratio of Teachers to Students	–
9.	Number of research scholars who had their master's degree from other institutions	–
10.	The year when the curriculum was revised last	2006
11.	Number of students passed NET/SLET etc. (last two years)	–
12	Success Rate of students (What is the pass percentage as compared to the University average?	85-90%
13.	University Distinction/ Ranks	–
14	Publications by faculty (last 5 years)	–
15	Awards and recognition received by faculty (last five years)	–
16	Faculty who have Attended National and International Seminars (last five years)	–
17.	Number of National and International seminars organized (Last five years)	–
18.	Number of teachers engaged in consultancy and the revenue generated	–
19.	Number of Ongoing projects and its total outlay	–
20.	Research projects completed during last two & its total outlay	–
21.	Number of inventions and patents	–
22.	Number of Ph. D theses guided during the last two years	–
23.	Number of Books in the Departmental Library, if any	114
24.	Number of Journals/Periodicals	4
25.	Number of Computers	1
26.	Annual Budget	–

SKIN and VD

		Responses
1	Name of the Department - Dermatology , Venereology and Leprosy.	
2	Year of establishment	
3	Number teachers sanctioned and present position	
4	Number of administrative stasff	Nil
5	Number of Technical staff	Nil
6	Number teachers and students.- Teachers, 6 / Students (P G) 3	
7	Dermand Ratio(No. of seats : No. of admissions.)	
8	Ratio of Teachers to students.	
9	Number of research scholors who had their master's degree from other institution	None
10	The year when the curriculum was revised last.	2000
11	Number of students passed NET/ SLET etc. (Last 2 years).	_____
12	Success rate of students as compared to the university.	_____
13	University distinctions/ ranks.	_____
14	Publications by the faculty.	
15	Awards and recognitions received by the faculty.	
16	Faculty who have attended National and international seminars.	6
17	Number of National and International seminars organized (Last 5 years)	5
18	Number of teachers engaged in consultation and revenue earned.	None.
19	Number of ongoing projects and their total outlay.	_____
20	Research projects completed in the two years and their total outlay.	_____
21	Number of inventions and patents during last 2 years.	_____
22	Number of Phd. theses guided during the last 2 years.	Nil.
23	Number of books in the departmental library if any.	127.
24	Number of journals and periodicals.	13
25	Number of computer	2
26	Annual Budget.	

Psychiatry

		Responses
1.	Name of the Department	psychiatry
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	5 full
4.	*Number of Administrative Staff*	*nil*
5.	*Number of Technical Staff*	*nil*
6.	Number of Teachers and Students	5 and 3 PGs
7.	Demand Ratio (No. of seats : No. of applications)	
8.	Ratio of Teachers to Students	
9.	Number of research scholars who had their master's degree from other institutions	nil
10.	The year when the curriculum was revised last	2000
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years)	Annexure 2
15.	Awards and recognition received by faculty (last five years)	nil
16.	Faculty who have Attended National and International Seminars (last five years)	Annexure 6
17.	Number of National and International seminars organized (Last five years)	nil
18.	Number of teachers engaged in consultancy and the revenue generated	nil
19.	*Number of Ongoing projects and its total outlay*	*nil*
20.	Research projects completed during last two & its total outlay	nil
21.	Number of inventions and patents	nil
22.	Number of Ph. D theses guided during the last two years	nil
23.	Number of Books in the Departmental Library, if any	200
24.	Number of Journals/Periodicals	4
25.	Number of Computers	2
26.	Annual Budget	

Gen Surgery

		Responses
1.	Name of the Department	General Surgery
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	Total -15,
4.	Number of Administrative Staff	2
5.	Number of Technical Staff	Nil
6.	Number of Teachers and Students - Students UG -340, PG -6. Teachers- Total -15, PG - 6	
7.	Demand Ratio (No. of seats: No. of applications)	NA
8.	Ratio of Teachers to Students	15:340
9.	Number of research scholars who had their master's degree from other institutions	-
10.	The year when the curriculum was revised last	NA
11.	Number of students passed NET/SLET etc. (last two years)	NA
12.	Success Rate of students (What is the pass percentage as compared to the University average - PG started 2 years back, exam to be held in 2014	
13.	University Distinction/ Ranks	NIL
14.	Publications by faculty (last 5 years)	Enclosed
15.	Awards and recognition received by faculty (last five years)	NA
16.	Faculty who have Attended National and International Seminars (last five years)	NIL
17.	Number of National and International seminars organized (Last five years)	NIL
18.	Number of teachers engaged in consultancy and the revenue generated	NIL
19.	Number of Ongoing projects and its total outlay	NIL
20.	Research projects completed during last two & its total outlay	NIL
21.	Number of inventions and patents	NIL
22.	Number of Ph. D theses guided during the last two years	NIL
23.	Number of Books in the Departmental Library, if any	143
24.	Number of Journals/Periodicals	
25.	Number of Computers	3
26.	Annual Budget	

Orthopedics

		Responses
1.	Name of the Department	ORTHOPAEDICS
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	5
4.	Number of Administrative Staff	Data entry operator-1, Attender - 1
5.	Number of Technical Staff	NIL
6.	Number of Teachers and Students - Teachers 5, PGs 2, UG 5, UGs 230	
7.	Demand Ratio (No. of seats : No. of applications)	Not known
8.	Ratio of Teachers to Students	5:230
9.	Number of research scholars who had their master's degree from other institutions	No research scholar
10.	The year when the curriculum was revised last	
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	UG- no separate result for orthopaedics PG – course started only 2 yrs back
13.	University Distinction/ Ranks	NA
14.	Publications by faculty (last 5 years)	6
15.	Awards and recognition received by faculty (last five years)	4
16.	Faculty who have Attended National and International Seminars (last five years)	5
17.	Number of National and International seminars organized (Last five years)	3
18.	Number of teachers engaged in consultancy and the revenue generated	NIL
19.	Number of Ongoing projects and its total outlay	NIL
20.	Research projects completed during last two & its total outlay	NIL
21.	Number of inventions and patents	NIL
22.	Number of Ph. D theses guided during the last two years	NIL
23.	Number of Books in the Departmental Library, if any	91
24.	Number of Journals/Periodicals	3
25.	Number of Computers	1
26.	Annual Budget	

Ophthalmology

		Responses
1.	Name of the Department	Ophthalmology
2.	Year of Establishment	2004
3.	Number of Teachers sanctioned and present position	
4.	Number of Administrative Staff	
5.	Number of Technical Staff	
6.	Number of Teachers and Students	
7.	Demand Ratio (No. of seats : No. of applications)	
8.	Ratio of Teachers to Students	
9.	Number of research scholars who had their master's degree from other institutions	
10.	The year when the curriculum was revised last	
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years)	03
15.	Awards and recognition received by faculty (last five years)	
16.	Faculty who have Attended National and International Seminars (last five years)	Yes
17.	Number of National and International seminars organized (Last five years)	Nil
18.	Number of teachers engaged in consultancy and the revenue generated	
19.	Number of Ongoing projects and its total outlay	03
20.	Research projects completed during last two & its total outlay	
21.	Number of inventions and patents	
22.	Number of Ph. D theses guided during the last two years	
23.	Number of Books in the Departmental Library, if any	120
24.	Number of Journals/Periodicals	05
25.	Number of Computers	01
26.	Annual Budget	

ENT

		Responses	
1	Name of the Department	OTO LARYNGOLOGY AND HEAD & NECK	
2	Year of Establishment	2004	
3	Number of Teachers sanctioned and present position	TOTAL 9	
4	Number of Administrative Staff	ONE	
5	Number of Technical Staff	ONE	
6	Number of Teachers and Students	Staff 09	UG-130 PG-06
7	Demand Ratio (No. of seats : No. of Applications)		
8	Ratio of Teachers of Students	1 : 5	
9	Number of research scholars who had their master's degree from other institutions	Three	
10	The year when the curriculum was revised last	2012	
11	Number of students passed NET / SLET etc. (Last two years)		
12	Success Rate of students (What is the pass percentage as compared to the University average?	89.5 %	
13	University Distinction / Ranks		
14	Publications by faculty (Last 5 years)	YES Total-14	
15	Awards and recognition received by faculty (last five years)	Two	
16	Faculty who have Attended National and International Seminars	Two	
17	Number of National and International seminars organized (Last five years)	Facial Plastic Surgery Seminar-2011 Radiology in ENT Seminar-2012	
18	Number of teachers engaged in consultancy and the revenue generated	Five	
19	Number of Ongoing Projects and its total outlay	Clinical trials on 1, Acute Otitis media 2, Otitis externa	
20	Research Projects completed during last two & its total outlay		
21	Number of inventions and patents		
22	Number of ph. D theses guided during the last two years		
23	Number of Books in the Departmental Library, if any	113	
24	Number of Journal / Periodicals	3 National 3 International	
25	Number of Computers	Total-04	
26	Annual Budget		

RADIOLOGY

		Responses
1.	Name of the Department	Radio Diagnosis
2.	Year of Establishment	2004
3.	Number of Teachers sanctioned and present position	5 Prof, 4 Asst Prof. 4 Sr. Resi
4.	Number of Administrative Staff	1
5.	Number of Technical Staff	11
6.	Number of Teachers and Students - Students UG -150, PG -6. Teachers- Total -11, PG - 5	
7.	Demand Ratio (No. of seats: No. of applications) - 3 per year (PG)	
8.	Ratio of Teachers to Students	2.5:1 PG
9.	Number of research scholars who had their master's degree from other institutions	-
10.	The year when the curriculum was revised last	2011
11.	Number of students passed NET/SLET etc. (last two years)	-
12.	Success Rate of students (What is the pass percentage as compared to the University average?	NA
13.	University Distinction/ Ranks	NIL
14.	Publications by faculty (last 5 years)	3
15.	Awards and recognition received by faculty (last five years)	1
16.	Faculty who have Attended National and International Seminars (last five years)	2 faculties
17.	Number of National and International seminars organized (Last five years)	NIL
18.	Number of teachers engaged in consultancy and the revenue generated	11
19.	Number of Ongoing projects and its total outlay	5
20.	Research projects completed during last two & its total outlay	-
21.	Number of inventions and patents	NIL
22.	Number of Ph. D theses guided during the last two years	5
23.	Number of Books in the Departmental Library, if any	135
24.	Number of Journals/Periodicals	3
25.	Number of Computers	4
26.	Annual Budget	NA

Anesthesiology

		Responses
1.	Name of the Department	Anaesthesiology
2.	Year of Establishment	2004
3.	Number of Teachers sanctioned and present position - Prof-1, Assoc.prof-3, Asst.prof-4 SR-11	
4.	Number of Administrative Staff	1 Attender 1Typist
5.	Number of Technical Staff - 15 Sanctioned, *2*-Availablle, 4 are -trainees	
6.	Number of Teachers and Students - UGs as per the MCI (150 students-13 teachers), PG Teachers-3, PG Students-5	
7.	Demand Ratio (No. of seats : No. of applications)	As per MCI Norms
8.	Ratio of Teachers to Students	As per MCI Norms
9.	Number of research scholars who had their master's degree from other institutions	Nli
10.	The year when the curriculum was revised last	NA
11.	Number of students passed NET/SLET etc. (last two years)	NA
12.	Success Rate of students (What is the pass percentage as compared to the University average?	NA
13.	University Distinction/ Ranks	NA
14.	Publications by faculty (last 5 years)	7
15.	Awards and recognition received by faculty (last five years)	-
16.	Faculty who have Attended National and International Seminars (last five years) – Sahajanand, Rangalakshmi. Chaitanya, Soumya rohit, Sudheer, Karthik	
17.	Number of National and International seminars organized (Last five years)	Will hold State Conf. in Sept.2013
18.	Number of teachers engaged in consultancy and the revenue generated	NA
19.	Number of Ongoing projects and its total outlay	8
20.	Research projects completed during last two & its total outlay	4
21.	Number of inventions and patents	Nil
22.	Number of Ph. D theses guided during the last two years - Sahajanand is Phd Guide. Evaluater of Thesis in RGUHS	
23.	Number of Books in the Departmental Library, if any	164
24.	Number of Journals/Periodicals	27
25.	Number of Computers	2
26.	Annual Budget	-

Obgy & Gynaec.

		Responses
1.	Name of the Department	Obstetrics & Gynecology
2.	Year of Establishment	2004
3.	Number of Teachers sanctioned and present position	Total -15, PG - 6
4.	Number of Administrative Staff	1
5.	Number of Technical Staff	1
6.	Number of Teachers and Students - Students UG -150, PG -6. Teachers- Total -15, PG - 6	
7.	Demand Ratio (No. of seats: No. of applications)	
8.	Ratio of Teachers to Students	1:5
9.	Number of research scholars who had their master's degree from other institutions	-
10.	The year when the curriculum was revised last	2012
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	2012-13---80%
13.	University Distinction/ Ranks	NIL
14.	Publications by faculty (last 5 years)	4 Publications
15.	Awards and recognition received by faculty (last five years)	NA
16.	Faculty who have Attended National and International Seminars (last five years)	4 faculties
17.	Number of National and International seminars organized (Last five years)	NIL
18.	Number of teachers engaged in consultancy and the revenue generated	15
19.	Number of Ongoing projects and its total outlay	8 Projects
20.	Research projects completed during last two & its total outlay	7
21.	Number of inventions and patents	NIL
22.	Number of Ph. D theses guided during the last two years	NIL
23.	Number of Books in the Departmental Library, if any	123
24.	Number of Journals/Periodicals	5
25.	Number of Computers	2
26.	Annual Budget	NA

Pediatric Surgery

Evaluative report and brief department assessment report is given in evaluative report of the department as the permissions are received in 2013

Plastic Surgery

		Responses
1.	Name of the Department	PLASTIC SURGERY
2.	Year of Establishment	2010
3.	Number of Teachers sanctioned and present position-	3
4.	Number of Administrative Staff -	
5.	Number of Technical Staff -	
6.	Number of Teachers and Students	2
7.	Demand Ratio (No. of seats : No. of applications)	
8.	Ratio of Teachers to Students	
9.	Number of research scholars who had their master's degree from other institutions	
10.	The year when the curriculum was revised last	
11.	Number of students passed NET/SLET etc. (last two years)	
12.	Success Rate of students (What is the pass percentage as compared to the University average?	
13.	University Distinction/ Ranks	
14.	Publications by faculty (last 5 years) ENCLOSED	
15.	Awards and recognition received by faculty (last five years) ENCLOSED	
16.	Faculty who have Attended National and International Seminars (last five years) ENCLOSED	
17.	Number of National and International seminars organized (Last five years) ENCLOSED	
18.	Number of teachers engaged in consultancy and the revenue generated	
19.	Number of Ongoing projects and its total outlay	
20.	Research projects completed during last two & its total outlay	
21.	Number of inventions and patents	
22.	Number of Ph. D theses guided during the last two years	
23.	Number of Books in the Departmental Library, if any	
24.	Number of Journals/Periodicals	
25.	Number of Computers -	
26.	Annual Budget	

DM Cardiology

Evaluative report and brief department assessment report is given in evaluative report of the department as the permissions are received in 2013

A separate program assessment data is enclosed in evaluative report

Urology

Evaluative report and brief department assessment report is given in evaluative report of the department as the permissions are received in 2013.

A separate program assessment data is enclosed in evaluative report

Physiotherapy

Serves the health care services hence is covered under services. No education component as no program is offered

A separate program assessment data is enclosed in evaluative report

Nephrology

		Responses
1.	Name of the Department	Nephrology
2.	Year of Establishment	2011
3.	Number of Teachers sanctioned and present position	2
4.	Number of Administrative Staff	1
5.	Number of Technical Staff	12
6.	Number of Teachers and Students	2
7.	Demand Ratio (No. of seats : No. of applications)	2
8.	Ratio of Teachers to Students	1:1
9.	Number of research scholars who had their master's degree from other institutions	1
10.	The year when the curriculum was revised last	2012
11.	Number of students passed NET/SLET etc. (last two years)	-
12.	Success Rate of students (What is the pass percentage as compared to the University average?	-
13.	University Distinction/ Ranks	-
14.	Publications by faculty (last 5 years)	3
15.	Awards and recognition received by faculty (last five years)	1
16.	Faculty who have Attended National and International Seminars (last five years)	2
17.	Number of National and International seminars organized (Last five years)	-
18.	Number of teachers engaged in consultancy and the revenue generated	-
19.	Number of Ongoing projects and its total outlay	3
20.	Research projects completed during last two & its total outlay	2
21.	Number of inventions and patents	-
22.	Number of Ph. D theses guided during the last two years	-
23.	Number of Books in the Departmental Library, if any	10
24.	Number of Journals/Periodicals	4
25.	Number of Computers	1
26.	Annual Budget	10 lakhs

Vascular Surgery

Evaluative report and brief department assessment report is given in evaluative report of the department as the permissions are received in 2013

Surgical Gastroenterology

`Evaluative report and brief department assessment report is given in evaluative report of the department as the permissions are received in 2013

Dentistry

Serves the health care services hence is covered under services. No education component as no program is offered

Pediatrics

		Responses
1.	Name of the Department	Pediatrics
2.	Year of Establishment	2005
3.	Number of Teachers sanctioned and present position	15
4.	Number of Administrative Staff	01
5.	Number of Technical Staff	
6.	Number of Teachers and Students	15:150
7.	Demand Ratio (No. of seats : No. of applications)	
8.	Ratio of Teachers to Students	1:10
9.	Number of research scholars who had their master's degree from other institutions	-
10.	The year when the curriculum was revised last	2012
11.	Number of students passed NET/SLET etc. (last two years)	-
12.	Success Rate of students (What is the pass percentage as compared to the University average?	-
13.	University Distinction/ Ranks	-
14.	Publications by faculty (last 5 years)	3
15.	Awards and recognition received by faculty (last five years)	1
16.	Faculty who have Attended National and International Seminars (last five years)	2
17.	Number of National and International seminars organized (Last five years)	-
18.	Number of teachers engaged in consultancy and the revenue generated	-
19.	Number of Ongoing projects and its total outlay	1
20.	Research projects completed during last two & its total outlay	3
21.	Number of inventions and patents	
22.	Number of Ph. D theses guided during the last two years	-
23.	Number of Books in the Departmental Library, if any	130
24.	Number of Journals/Periodicals	
25.	Number of Computers	1
26.	Annual Budget	

Rajarajeswari Medical College & Hospital

Part II
A. Executive Summary

Executive Summary
"SELF STUDY REPORT" OF
Moogambigai Charitable & Educational Trust's
RajaRajeswari Medical College & Hospital, Bangalore

Institutions Run by the Trust

1. **RajaRajeswari Medical College & Hospital, Bangalore**

The Institution situated on Bangalore - Mysore State Highway, on the permission accorded by the Central Government, Ministry of Health & Family Welfare, New Delhi and the college Affiliated to Rajiv Gandhi University of Health & Sciences, Karnataka. Offered with UG Degree course in MBBS and PG Degree(MD / MS) Course in the 20 specialty subjects. The College is recognized by the Central Government & Medical Council of India, New Delhi.

2. **RajaRajeswari Dental College & Hospital, Bangalore**

The Institution situated on Bangalore- Mysore State Highway, on the permission accorded by the Central Government, Ministry of Health & Family Welfare, New Delhi and the college Affiliated to Rajiv Gandhi University of Health & Sciences, Karnataka. Offered with UG Degree course in BDS and PG Degree(MDS) Course in the 9 specialty subjects. Our Dental College has been recognized by the Central Government & Dental Council of India, New Delhi.

3. **RajaRajeswari College of Engineering, Bangalore:-**

The Institution situated on Bangalore - Mysore Highway, on the approval accorded by the All India Council for Technical Education (AICTE), New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum and Offered with UG Degree course in Engineering & Technology (BE) and PG Degree course in M. Tech (Digital Electronics and Communication Engineering), MBA (Master of Business Administration) and MCA (Master of Computer Applications).

4. **ACS College of Engineering**

The Institution situated on off Bangalore - Mysore Highway, on the approval accorded by the All India Council for Technical Education (AICTE), New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum and Offered with UG Degree course in Engineering & Technology (BE) in 7 various departments.

5. RajaRajeswari College of Nursing, Bangalore

The Institution situated on off Bangalore - Mysore State Highway, on the permission accorded by the Indian Nursing Council, New Delhi & Karnataka State Nursing Council and the college Affiliated to Rajiv Gandhi University of Health & Sciences, Karnataka. Offered with UG Degree course in B.Sc & PB-B.Sc Nursing Courses and PG Degree MSc Nursing Course in the 05 specialty subjects. Our Nursing College has attached with Teaching Hospital of Rajarajeswari Medical & Hospital.

6. Rajarajeswari School of Nursing, Bangalore

The Institution situated on off Bangalore - Mysore State Highway, on the permission accorded by the Indian Nursing Council, New Delhi & Karnataka State Nursing Council and the college Affiliated to Rajiv Karnataka State Diploma in Nursing Examination Board,. Offered with Diploma Course in GNM Nursing. Our Nursing School has attached Teaching Hospital of Rajarajeswari Medical & Hospital.

Milestones-2003- Establishment, 2004 – Affiliation from RGUHS.2005– Letter of Intent, Letter of Permission, Recognition from MCI – UG MBBS student intake 100.2009 – Recognition by MCI for MBBS.2011 – Enhancement of MBBS UG student intake to 150 students, commencement of PG courses with 36 seats.2012 – Enhancement of PG seats to 75.2013 - Enhancement PG of seats to 87.2013 – Commencement of Super Specialty departments with the MCI inspection .

The college is self-financing, affiliated to state Rajiv Gandhi University of Health Sciences, Bangalore, it is recognized by Medical Council of India on 13/08/2010, the college is a recognized minority institution, the institution is established on 01/08/2005. Campus area in acres. 25 acres the college is located in urban area. the college offers the following programs-M.B.B.S, 4 ½ yrs + 1 yr Internship with annual intake of 150 students M.D/ M.S of 3 yrs duration with annual intake of **87**spread over 20 disciplines, paramedical courses in 6 disciplines viz DMLT,OTT,X-Ray, Health Inspector ,Medical records technicians, and Ophthalmic Technician .The latter two programs are from 2013-14 academic year. The college has received approved in one Ph.D program. The college has approval for four superspeciality branches and two fellowship programs. In all total 34 programs a are offered by the college and have appropriate approval by state and national statutory agencies.

Sl. No.	Programme Level	Name of the Programme / Course	Duration	Entry Qualification		Sanctioned Student Strength 2013-14	Number of Students Admitted In 2012	Program Number
i.	Under-Graduate	MBBS	4 ½ yrs + 1 yr Internship	10+2		150	150	1.
ii.	Post-Graduate	MD	3 yrs	MBBS		Anatomy-6	Anatomy-02	2.
		MD	3 yrs	MBBS		Physiology-6	Physiology-4	3.
		MD	3 yrs	MBBS		Biochem-5	Bio-chem-2	4.
		MD	3 yrs	MBBS		Pathology-6	Pathology-5	5.
		MD	3 yrs	MBBS		Pharmac-4	Pharmac-2	6.
		MD	3 yrs	MBBS		Microbio-3	Microbio-2	7.
		MD	3 yrs	MBBS		FMT-4	FMT-4	8.
		MD	3 yrs	MBBS		Com Med-6	Com Med-6	9.
		MD	3 yrs	MBBS		Gen Med-8	Gen Med-8	10.
		MD	3 yrs	MBBS		TB CD – 2	TB &CD-0	11.
		MD	3 yrs	MBBS		Psychiatry-2	Psychiatry-2	12.
		MD	3 yrs	MBBS		Dermat-2	Dermat-2	13.
		MS	3 yrs	MBBS		Gen Surg-4	Gen Surg-3	14.
		MS	3 yrs	MBBS		Ortho – 2	Ortho – 1	15.
		MS	3 yrs	MBBS		ENT – 3	ENT – 2	16.
		MS	3 Yrs	MBBS		Ophthal-4	Ophthal-4	17.
		MD	3 Yrs	MBBS		Radio Diag-3	Radio Diag-3	18.
		MD	3 Yrs	MBBS		Aneshtesia-5	Anesthesia-3	19.
		MS	3 Yrs	MBBS		OBG – 5	OBG – 4	20.

		MD	3 Yrs	MBBS		Pediatrics-7	Pediatrics-7	21.
	Para Medical Courses-6							
	Diploma in Medical Laboratory Technology					20		22.
	Diploma in Operation theatre technology					20		23.
	Diploma in Medical Xray Technology					20		24.
	Diploma in Health Inspector					20		25.
	Diploma in Ophthalmic Technology					20		26.
	Diploma in Medical Record Technology					20		27.
	Ph.D. in physiology					02		28.
	Fellowship programme in ENT					12 mths		29.
	Fellowship programee in Pediatrics					12 mths		30.
	Superspeciality							
	DM Cardiology				MD	01		31.
	MCh Urology				MS	01		32.
	MCh Plastic Surgery				MS	01		33.
	MCh Pediatric Surgery				MS	01		34.

The programs are offered through 30 departments of which 21 are for M.B.B.S others are for post graduate and or superspeciality. The departments are - **Departments in our institution –** Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Forensic Medicine, Community Medicine, General Medicine, Psychiatry, TB & CD, Dermatology, General Surgery, Ophthalmology, E N T, Orthopedics, Radio diagnosis, Anesthesia, OBG, Pediatrics, Physiotherapy, Dentistry, DM Cardiology, M.Ch Urology, M.Ch Plastic Surgery, M.Ch Pediatric Surgery, Nephrology, Neurology, Vascular surgery and Surgical gastroenterology. The college provides course in PhD Physiology, no programs in PG PG Diploma, M.Sc. or M.Phil courses. The Unit Cost of Education - *(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)*Including the salary component(without depreciation) - Rs.423714, Excluding including the salary

component(without depreciation + Salary)-Rs.166445, (10-11) -**12,86,34,502 ,** (11-12) -**16,79,23,342.**

Curricular Aspects

The college has a stated Vision, Mission, Objectives, number of programme options total 34 , one M.B.B.S, 20 MD/MS, Ph.D. in Physiology,Superspeciality-DM Cardiology,MCh Urology , MCh Plastic Surgery,MCh Pediatric Surgery, Fellowship programme in ENT, Fellowship progrmme in Neonatology, Para Medical diploma -6 ,Para medical courses-6-Diploma in Medical Laboratory Technology, Diploma in Operation theatre technology, Diploma in Medical Xray Technology, Diploma in Health Inspector , Diploma in Ophthalmic Technology, Diploma in Medical Record Technology,20 Subjects are taught in the institution in different programs ,34 programs offered are self-funded, 7 are Inter/multidisciplinary programmes, 20 programmes are with elective options, 27 Courses have ICT enabled teaching learning process, in 21 Programmes where assessment of teachers by the students has been introduced, 34 new programmes (UG and PG) introduced during the last five years, 1 obligatory internship (UGC + other vocational programmes).

The college has generated mechanism to obtain feedback on curricular aspects from Patients-1500. Across 30 departments Teachers 10500, library users 500 parents 65-, teachers self-performance appraisal 343-,competencies in alumni -50,dept monthly feedback, program -200 student teaching and evaluation -100,infrastructure feedback-500-, and grand total of feedback run in thousands . Total 14-feed formats are designed and implemented by the institute-in total 21 Course evaluations are made. Curriculum Update -College refers national and international curricular modules follows affiliating university syllabus under the guidance of Medical council of India. Stakeholders demand of latest knowledge, skills are met by curriculum committee which decides the new enrichment courses to start to bridge the curricular deficiencies. Good number of enrichment courses and innovative learning experiences are designed by the college.

Criterion-II. Teaching-Learning and Evaluation

Students selected for admission to various courses-Through KEA & KRLMPCA entrance test, Through an entrance test developed by the institution By KRLMPCA.Common entrance test conducted by the university/ Government along with 5y merit at qualifying examinations**,** Merit at the previous qualifying examination,Other entrance test by KEA.Highest and Lowest

percentage of marks at the qualifying examination considered for admission during the previous academic year. Rank Numbers are maintained in the institution ..The total working days 305 , and Theory - 305 days,Clinical Postings – 365 days teaching days in the last academic year, Number of positions sanctioned and filled - 343 Teaching, 343Non-teaching,900 M+26F=53 Technical.Teacher details full time permanent M.D/ M.S qualification, Professors-50 male, 20 female, total 70, Asso. Professor -20 male, Reader - 17male, 16 female, Asst. Professor – 55 male, 53 female, There are no temporary teachers. Number of teachers - Same state 104, other states 09, overseas nil. Number of qualified/permanent teachers and their percentage to the total faculty 343 (100%), Teacher student ratio1:10 number of teachers with Ph.D/M.D/ M.S/MD/MS. as the highest qualification and their percentage to the total faculty strength 211-61.5%, number of teachers with super specialization as highest qualification and their percentage to the total facultystrength is7-5.2%, percentage of the faculty served as resource persons in workshop/ seminars/ conferences during the last five years 53 /55 of Medical staff 96.36 %,Number of faculty development programmes availed of by teachers-Conferences attended -5yrs 501,Details of specialty clinics 22,Power point presentation373.

Number of faculty development programmes organized by the college during last five years: Seminars/ workshops/ symposia on curricular development, teaching-learning, assessment, etc. Conferences Attended-501,problem based learning -287,Enrichment courses -81,ongoing projects -122,Research management ,Faculty Research topics -.116,Conferences conducted 5yrs **102,**Conferences Attended 501,Journal Clubs, PG Seminars 634 , Integrated teaching 17, Problem based learning 287, utorials-430,Stud projects 55, Spl clinic22.The institution has the tutor-ward system and 1:10 students are under the care of a teacher for systematic academic work, 21 remedial programmes offered, 01 bridge courses offered, there are 21 courses with ICT- enabled. Teaching-learning process, yes there is a mechanism for self appraisal of faculty, there is a student assessment of faculty performance, and expert/peer assessment of faculty performance 5 hours spent by the faculty per week. Catering to the Diverse Needs: Minimum eligibility qualifications for admission to different programs are well defined by Regulatory Bodies- RGUHS, PMB, MCI, Govt of Karnataka. Orientation classes in English and Kannada students -other states. Students from different category is identified by Mid-diagnostic survey by each teacher.Through middiagnostic survey the slow and advanced learners are identified. Remedial drill is initiated in the form special classes, repetition of portion, home assignments,Conduct tutorials. Mentorship is

practiced Mentor-Student Ratio is 1:5.Facilities for the differently-abled persons by providing wheel chair etc.. are provided and Counselling is given to the students.Teaching-Learning Process: Academic calendar-ofRGUHS - is complied, institutional &departmental calendar of events , Teacher and topic time table, Lesson plans are prepared by the each teacher, Books & Journals, equipment are added, Library- updated. Infrastructure needed is reassessed & actions initiated. Monthly departmental performance review is conducted-- preventive, corrective actions – initiated- for continuous improvements. Adopt appropriate strategies for advanced learning. Conduct tutorials and Mentorship is practiced, Experiential learning methodologies for participative learning are used, Problem-solving approach as a teaching methodology is adopted, and Library resources are effectively used to augment teaching-learning, Use laboratory equipment /Practical experiences effectively to maximize the teaching-learning process. Use wide range of techniques, materials and experiences to engage student interest's .Evaluation Process and Reforms: Students are informed about methods of evaluation during induction program and student hand book. Teacher's diary, monthly appraisal of departments, feedback system Implemented. Formative (internal assessment) and summative (university examinations) evaluations are properly balanced for each subject. Objectivity in formative evaluations is maintained by considering performance parameters like, attendance, home assignments, co-curricular activities, student projects, community integrated activities, CPA Card, PG log book, Practical examination, viva voce, Evaluation of seminar, Journal review presentation, practice teaching, Research projects, Continuous evaluation of dissertation. Formative internal assessment is based on marking method.Conducts internal assessment evaluation, viva-voce exams. Results of the IA exams are declared within 10 days. Reforms in examination -students are informed of methods of evaluation, marks are shown, students signature obtained, parents are informed of the progress. All departments have prepared question bank and is available for users. Examination processes are transparent. Security of the evaluation system is ensured by deploying CCTV camera. Student grievances regarding evaluation results are addressed.

Criterion-III.. Research, Consultancy and Extension

Teaching faculty are actively involved in research?(guiding research, managing research projects etc.,)- Number-211 / 343,% of total61.5%, Number of teachers who have availed themselves of the faculty improvement programmes-211. Number of national/international

conferences organized by the institution- National-102, International-1.the institution have ongoing /completed research projects- On going122,Completed 77,the following details about the ongoing research projects are- Research topics -.116, Rs.75 lakhs for faculty development activities-including faculty research and attending conferences is earmarked and is being utilized. Research publications: International journals Number 80, National journals – refereed paper Number124. Books Number-18, Abstracts- International Presentation -39, International chaired -13, National-Presentation-49, National chaired-48. National Scientific sessions chaired-48 , International Scientific sessions chaired -13, guest are invited, Awards-43 received , articles news magazines , - radio talks, media TV talks given by faculties. Presentation of research papers:, number of papers presented at-national seminars-49, international seminars39, Any other research activity, specify-International chaired -13, National chaired-48, Books authored -18.Number of other extracurricular/co-curricular meets activities organized by in collaboration with other agencies/NGOs (such as Rotary/Lion's etc.) on campus-76 extension activities are done in collaboration with Rotary- a booklet will be presented during peer team visit

All the eligible faculties have identified a research topic. Institution facilitates research by providing facilities such as laboratory equipment, research journals and research incentives. Encourage and promote research culture. Teaching work load remission, opportunities for attending conferences .Initiate research by collaborating with other research organizations, pharmaceutical, biomedical and other industries. Research committee under IQAC, Research policy seed money, study leave - by the management. Department wise-- procurement of journals, research infrastructural facilities – ICT, Library, labs, Equipments .The college has established research committee under IQAC. the eligible faculties are involved in research. Priority areas of research identified. Research methodology sessions held every year. Research and Publications Output: Publicize the expertise available for consultancy services. The faculties are consulted by the different universities, government, MCI, council on varied academic, health policy framing and evaluation matters. All the departments provide globally competent services of their specialty. Mutual benefits accrued due to consultancy. Extension Activities: An exclusive full time extension officer is appointed. Organize need-based extension program. Students and faculty participate in extension programs- through community need based activities. Establish partnerships with industry, community and NGOs

for extension activities. The college has adopted a village for free total health care and has Participated in National Health programs, Polio awareness HIV awareness, Anti-Tobacco awareness camp etc. The linkages are established for mutual academic enhancement , innovative curriculum redesign and distinguished skill development. The college has signed MOU Rotary international for health care centre and dialyses unit. The Department has networked with Govt. bodies, NGO's Rotary hospitals for out-reach activities Alliances with Karnataka Health Protection Agency (KHPT), Department of Health & Family Welfare, Department of Factories & Boilers, Govt. of Karnataka & India & Health Protection Agency (HPA) UK, Birminghman, etc. which has enriched the department in Academics

Hospital based services of the Department include, integrated Counseling & Testing Centre for HIV/ AIDS, Disease Surveillance Unit, Co-ordination with revised National TB control Programme, injury surveillance Programme etc.

Criterion-IV. Infrastructure and Learning Resources –

(a) Campus area in acres 25 acres - (b) Built in area in sq. meters **(*1 sq.ft = 0.093 sq.mt)** - 4400 Sq. mts., Working hours of the library - Maximum 12 hours/day, On working days - Monday to Friday- 9:00AM to 9:00PM, Saturday-9:00AM to 4:00PM, Sundays & Holidays closed. On Examination Days-2 months till 12AM (Midnight) Average number of faculty visiting the library/day-20 to 30 faculty, Average number of students visiting the library/day-Central Library Reference – 80 to 90., Personal Reading Room – 50 to 60. Stock of books in the library-Available, Number of Titles-3922, b. Number of Volumes-13463, Furnish the information regarding the number of journals subscribed by the institution-Year- 2013, Nat.- 78, Intl. - 57, Total – 135, Year- 2012,Nat.- 74, Intl. - 40, Total – 114, Year- 2011, Nat.- 67, Intl. - 56, Total - 123,Open access-Yes by subjects wise, Total collection--, Books-12463, Textbooks-8995, Reference books-4468, Current journals- Indian journals-78, Foreign journals-57, Peer reviewed journals-Yes all journals are Peer reviewed, Back volumes of journals-1131, E-information resources-Available, CDs/ DVDs-347, Databases-, Online journals-379, Other Video: 347, Competitive examinations-For PG entrance examination available., Book Bank-223, Any other, Please specify-WHO Publications: it is start to subscribe from 2013.,

9	Number of books/journals/periodicals added during the last five years and their cost.

As per Financial Year	2012-13		2011-12		2010-11		2009-10		2008-09	
	Nos.	Cost	Nos.	Cost	Nos.	Cost	Nos.	Cost	Nos.	Cost
Textbooks	415	1803246.00	290	556586.00	4133	2817450.00				
Other Books										
Journals/Periodicals	135	3102025.00	228	3666078.00	44	927059.00	100	747871.00		
Any other										
Grand Total =		**4905271.00**		**4222664.00**		**3744509.00**				

As per Financial Year	2007-08		2006-07		2005-06		2004-05		2003-04	
	Nos.	Cost	Nos.	Cost	Nos.	Cost	Nos.	Cost	Nos.	Cost
Textbooks	1374	489219.00	820	301232.00	819	173503.00	330	206156.00	1826	931295.00
Grand Total =		**489219.00**		**301232.00**		**173503.00**		**206156.00**		**931295.00**

the Total carpet area of the Central Library (in Sq. ft.) - 44000 sq. ft., Number of departmental libraries - 20, Average carpet area of the departmental libraries - 100 sq. ft. (my guest), Seating capacity of the Central Library - 456, Automation of Library - Yes, If Yes, fully automated – Yes, Name the application software - used **New GenLib 2.0.0 Version,** Percentage of library budget in relation to total budget - 2012-13 -2.30%, 2011-12 - 2.07%, 2010-11 - 1.82%, 2009-10 - 2.27%, 2008-09 - 2.39%, **Total =10.85%,** Services/facilities in the library - , Circulation – Yes, Bibliographic compilation - Yes,, Reference - Available, Photocopying - Available, Computer and Printing - Available, Internet - Available, Digitalization - Available, Inter-Library Loan - Yes, Power back up - Available, Information display and notification - Available, User orientation/information literacy - Available, students allowed to retain books for examinations.- Yes, Furnish - Average number of books issued/returned per day - **No Service,** Average number of users who visited/consulted per month - ,Ratio of library books to the number of students enrolled - **5,** Computer terminals in the library - **43,** Number of computers in the college - , Number of departments with computers facilities - **30,**Central Computer Facility (number of terminals) -, Budget allotted for computers in the last academic year -, Amount spent on maintenance and upgrading of computer facilities in the last academic year - , Internet connecting facility - Dialup, Number of terminals with internet facility available to - Students - 30, Teachers -8, Non-teaching staff - 2,Workshop/Instrumentation Centre – Yes Year of Establishment -**2005,**

Any other (specify) - , Residential accommodation(House Surgeons & Others) – Yes Year of Establishment – **2005,** Residential accommodation -, Faculty – Yes **2005** Non-teaching staff – No **2005** Hostels – Yes Year of Establishment – **2005,** If yes ,number of students residing in hostel - Male - Year of Establishment – **2005,** Female - Year of Establishment – **2005,** Details of Rajarajeswari Medical College Girls Hostel -No. of girls Hostel-1,No. of rooms in each hostel-180,No. of single beds-5,No. of Double beds-175,T.V Room -1,Internet Room-1,Visitor Rooms -1,Warden Room-1,Indoor Games- 1,Dining Hall-1,Details of State wise students:, Total no of students-157, Karnataka, Tamil Nadu, Kerala, Andhra Pradesh, North East (All states), North Indians. Details of Rajarajeswari medical college boys hostel-Total no of Rooms -152, Basement - 10, Ground floor -30.1st Floor - 37.2nd Floor – 37.3rd Floor -38. 4th Floor - 38 coming up. Total -190. Single bed Rooms - NO, Double bed Rooms- 1 90, No of Double occupied-190X2,T.V ROOM - 01,Internet room - 01,Reading rooms - 04,Visitor room -01,Warden room - 01 ,Indoor games -01,Dinnig hall-01,Details of State wise students - Karnataka ,Tamilnadu, Kerala , AndraPradesh ,North Indians (All states) ,NRI s , Total no of students: 170,Sports details -Table tennis, Gymnasium, Cricket, Volley ball, Chess, Basket ball. Sports fields – Yes Year of Establishment -**2005,** Gymnasium - Yes Year of Establishment-**2005,** Women's rest rooms – Yes Year of Establishment – **2005,** Transport - Yes Year of Establishment-**2005**-Canteen - YesNo Year of Establishment-**2005,**Students centre – Yes Year of Establishment – **2005,** Media centre – Yes Year of Establishment-**2005,** Equipments/teaching aids - LCD projectors - Yes OHP - Yes Slide projectors - Yes TV/VCP/Cable connection - Yes DVD players - Yes Edusat/Vsat - Yes Helinet, Indoor sports facilities - Yes, Year of Establishment-**2005**

Maintenance of Infrastructure: A committee and Assoc- Dean for support services monitors and maintains repair of the infrastructure facilities services and equipments. A workshop and trained work force is available. The infrastructure committee evaluates the needs of the infrastructure appropriate expansion is made only after such assessment. The infrastructure complies with regulatory norms and is optimally utilized for its varied activities. The college auditorium is utilized for numerous activities of the community. ICT as Learning Resources: A central computing, scanners and printers and coral, photo shop operators and necessary software's and accessories are provided. All the faculties are trained in using ICT enabled services for preparation of CAL power point and such other course

material. All the departments have computers and other accessory facilities including appropriate soft wares, faculty and students are trained in effective and efficient use of facilities for teaching learning and administrative activities. LCD s are regularly employed .in addition institution has electronic digital processing cell (EDP cell).The college has annual maintenance contract for maintenance of all ICT enabled services across the campus, one learned and competent person is posted on the campus to meet the ICT service and maintenance needs. Other Facilities: Infrastructure facilities are augmented from time to time. Excellent infrastructure for academic, cultural, sports & campus life activities provided. To increase Library Resources & Adopting new technology for Library implementation. Addition of E-Books and E-Journals Digital & Virtual Library, Adopting Biometrics system while entry & exit.

5. Criterion V: Student Support and Progression

The college monitors the Enrolment of student's year wise and has maintained details of last five years program wise. Number of students from the same state where the institution is located Number of students from other states, Number of NRI students, and Number of overseas students. The institution obtain feedback from students on their campus experience, academics, infrastructure, library users and teachers performance.instituttion provides strong encouragement for academics, research, cultural activities ,sports and overall personality development specific to profession. Alumni association is registered and is active, student council is constituted, and students insurance is initiated. Behaviour cell counsels grossly deviated Behaviors of learner. Parents meet are conducted regularly. Students participate in quality governance through internal quality assurance system and feed back mechanisms. Seed money for students projects is initiated. Number of students using book bank facility-, Career counseling/ placement cell-, Single window admission for foreign students and ragging free and sexual harassment elimination cell on the campus meet the security needs of the learner

Student Support**:** College monitors student progression on continuous basis. Parent teacher meets are organized, Student Insurance, Student Counseling, Health Care facilities, Gymnasium on campus, hostel, campus-.Grievance Redressal Cell, Student council, placement cell,Student handbook, Student charter, Student feedback, Value added courses, book bank, Alumni association, encourages students to appear for GRE, TOFEL, Participate

in cultural, sports and co curricular activities, sexual harassment elimination Cell, Behaviour Cell, Computer training, Parent teacher interactions, under performers are identification and remedial drill, Continuous Performance Assessments Cards, Facilities like wheel chair provided to on differently –abled physically Challenged, seed money for projects. Student Activities: Alumni Association is established. Conducted technical update program for Alumni'. The college also has constituted nearly 35 committees with students representations on each committee. Groups of committees are monitored by respective associate deans. The college practices stake holder- college partnership for excellence in education, service and research. *Student Council* -Proficient sports students are provided with appropriate sport materials, remuneration, leave, recognition on appropriate plat forms, awards and certificates Student council in each unit are very active and perform numerous co curricular and cultural activities. The college funds for such activities.

Criterion-VI. Governance and Leadership

Governance and Leadership- the institution Has appointed permanent Principal. For no part of time the post was vacant. Yearly two professional development programmes are held for the non-teaching staff Total there are 900 non-teaching staff of which all are full time permanent working in Medical College. Of the 900 NTS 243 are male &657 are female. Of the 900 NTS 55 are technical in which 27 male and 18 female. Total non-Teaching Staff Male-900-Female 657- , Same State- 1- ,Other State- -,Technical Staff 18F, 27M; Number of Technical Assistants-, Permanent-M-27, F-18, Teaching – Non-teaching staff ratio--/-, , Teaching staff- M -, F-, Non-Teaching- M-, F-, Tech. Assistants-M-, F-, Teaching - SC/ST -,MBC -, BC-, OC-, Any other (specify) -, Non-Teaching - SC/ST - SC, -ST, MBC BC OC Any other specify) -, Number of non-teaching staff development programmes in last two years -,Financial resources of the institution (approximate amounts) – Last year data (11-12), Grant-in-aid --, 10-11-Fees 119905060, Self-funded courses Alumni association.Financial resources of the institution (approximate amounts) — Before last year's data Grant-in-aid-, 10-11-Fees- 119905060, Self-funded courses Alumni association .,

Expenditure(with out depreciation)	2010-2011	2011 – 2012
% spent on the salary of faculty	60.7%	53.1%
% spent on books and journals	00.13%	1.83%

% spent on the salary of non-teaching employees including estate workers	15%	11%
% spent on building developmental assistance	0.28%	2.93%
% spent on maintenance, electricity, water, sports, examinations, hostels, student amenities, etc.	1.40%	5.43%
% spent on academic activities of departments, laboratories, green house, animal house, etc.	1.66%	4.88%
% spent on equipment, research, teaching aids, seminars, contingency etc.	2.19%	0.488%

Number of meetings of Academic and Administrative Bodies:- 2012 -2013, Governing Body – 2, Internal Administrative Bodies to mention few Library advisory committee, research committee, Grievance Redressal Cell, IQAC - 4 Each College council ,meeting of associate Deans, Students Council ,Alumni Association, Committees Under IQAC,Sports Committee. Medical attention Yes, there are ICT supported /computerized: Units/processes/activities for the following- Administrative section/OfficeFinanceunit, Student admissions**,** Placements**, ,** Examinations Student Records and Stake holders feedback, and analyses

Organizational Arrangements: The administration is decentralized. The Principal is assisted by four Associate Deans-Academic, Exams, Human resource, Administration, and Medical superintendent Support Services. The Associate Deans review the functioning of respective committees which incorporate student representatives from both, UG, PG, boys and girls. The committees monitor the varied activities of constituents units of the entire education system. All the departments, and infrastructure units are each headed by competent faculty who leads the department under the direction of The Dean, Associate Dean and Chairman IQAC. The Teachers, Students and Administrators involved as members under IQAC, submit their inputs. All the departments have generated SWOT analysis of their department. Strategy Development and Deployment:The strategy for the development of perspective plan is -. The strengths are enhanced, weakness /areas for improvement are identified, the opportunities are evaluated and efforts are made to nullify the threats. The consolidated report is generated for ensuing 5 years. Departmental academic audit is done through monthly feedback by department. Mechanism for implementing AQAR is in place through ten action points for IQAC. Human Resource Management-The staff are evaluated through appropriate feedbacks .Annual confidential report also is availed. For the professional development of the faculty, separate budget is allocated for staff, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc. and supporting membership and active involvement in professional associations. The faculty needs are assessed though a questionnaire on

organizational climate. comprehensive working ambiance is assessed, and outcome is communicated to the concerned to initiate appropriate action. The faculties also submit self performance appraisals from the outcome individual faculty development needs are identified. Financial Management and Resource Mobilization: College provides self-financing programs and is not availing any other grants from government. Budget is provided to meet the day to day expenses and there is no deficit. The accounts are audited regularly by competent auditor and are presented before the management. No major audit observation is pending. The finance management system is computerised and appropriate licensed software procured and employee concerned are well trained.

Criterion-VII. Inclusive Practices

Internal Quality Assurance System: Established internal quality assurance cell (IQAC) Constituted appropriate numbers of committees to maintain continuous improvement in quality. The entire administrative process are ICT enabled.MMC has developed IQAC documents for all units. Students participate in decision making of critical process – improving the curriculum teaching-learning process, infrastructure, learning resources, governance, student support services(SSS), research consultancy and extension and innovative practices. Inclusive Practices: Well set mechanism for monitoring the academic progress of disadvantages students. Need based bridge courses are designed and delivered. Initiatives of the Institution to develop good citizenship are Participating in national integration ,National festivals, Blood donation, environmental protection,HIV awareness, Human Rights ,Donation during national disasters, Antialcoholism etc. The student feedback give inputs on course competences, program improvements and improvement in teacher quality and the learning resources, The best practices or internalized by continuous monitoring of the performance of various IQAC activities, Students quality enrichment visible in continuous improvement of student satisfaction index regarding the entire college system, Student empowerment for quality enhancement in Educational system added value in bringing out quality graduates, Institution efforts to the quality enhancement of students, Students participation in IQAC,students council constituted and made active, Student sectored teaching learning and practice, Mentorship for continuous improvement, Personal council and behavioral cell, Students handbook prepared and distributed, Personality development and Internship lectures are held, Pro active efforts for cultural and sports events,

State of the art ICT enable learning system, Student research projects are encourage, Colleges funds seed money for students projects, Good number of awards for academic achievement are initiated, Parents Interaction and meet, Health care and management facilities, User friendly library working hours, Library users award, Under performer mid diagnosis survey and remedial drill, Continuous performance assessment cards for UGs and log book for PG.Enrichment course in computer skills and use of ICT facilities, Red cross society, Community Integration of curriculum, Good campus life and extensional activities, Students charter. Stakeholder Relationships: The students participate in all the national festivals, and national health programs. Student council, IQAC, Extension, civic responsibilities , Red Cross and such similar activities are recorded Social perception of stakeholders the organization structure incorporates decentralization, open organizational climate and participative decision.

The percentage incremental academic growth of the following category of students for the last two batches and the percentage of the following categories of staff 2012-13 is maintained

Achievements of Institution

- Reaching out to the unreached was the mission we had set out for ourselves. Providing community health care services at free and subsidized rate for the needy in the rural and industrial areas near the campus on the Bangalore-Mysore Highway.
- Renowned for continuous encouragement to pursue research, conducting seminars, CME's at the national and international level which give invaluable exposure and experience to our students. We have enrolled for all government subsidized health care schemes which cater to the poor and needy.
- In this age, where health care costs are beyond the reach of common man, RajaRajeswari Medical College and Hospital is providing specialty, Super specialty services like dialysis, cardiology, neurology, Urology, Plastic Surgery, Pediatric Surgery services to the poorest of the poor. Very recently, during the month of August and September, we successfully conducted heart check up campaign offering various tests and also consultation at less than one third the prevalent rates in other hospitals. This scheme was resounding success. Encouraged by the response, we are planning to offer similar services in other disciplines too. We believe in giving the sick **a new ray of hope and new lease of life.**

- The students are given adequate global exposure during their internship itself. Our students are sent on exchange program with university of the Hammer Smith, United Kingdom, Mayo Clinic, in United States.

Department wise assessment

Department of –Anesthesiology

Name of the Department-Anaesthesiology, Year of Establishment-2004,Number of Teachers sanctioned and present position-Avble-Prof- 3,Assoc.prof- 1,Asst.prof-5,SR-11 ,*Number of Administrative Staff-1 Attender*1Typist, Number of Teachers and Students-UGs as per the MCI,(150 students-13 teachers),PG Teachers-3,PG Students-5.Demand Ratio (No. of seats : No. of applications)-As per MCI Norms,Ratio of eachers to Students -As per MCI Norms, ,Publications by faculty (last 5 years)-7.Awards and recognition received by faculty (last five years)--,Faculty who have Attended National and International Seminars (last five years)-hajanand,Rangalakshmi,Chaitanya.Soumya rohit,Sudheer,Karthik,Number of National and International seminars organized (Last five years)- Will hold State,Conf. in Sept.2013, *Number of Ongoing projects and its total outlay-8,*Research projects completed during last two & its total outlay-4,Number of Ph. D theses guided during the last two years-Sahajanand is PhdGuide.,Evaluater of Thesis in RGUHS , Number of Books in the Departmental Library, if any-164,Number of Journals/Periodicals-13,Number of Computers-2,.

Department of Microbiology

Name of the Department-Microbiology, Year of Establishment-1993, Number of Teachers sanctioned and present position-9;10, Number of Administrative Staff-2, Number of Technical Staff-11, Number of Teachers and Students-9:143, -Ratio of Teachers to Students -1:24, Publications by faculty (last 5 years)-6, Number of Ongoing projects and its total outlay-13, Research projects completed during last two & its total outlay-7, --, Number of Ph. D thesis guided during the last two years--, Number of Books in the Departmental Library, if any-283, Number of Journals/Periodicals-48, Number of Computers-5, 3. Number of Teachers sanctioned and present position:- 9; 10

1.Department- Anatomy

Name of the Department-Anatomy, Year of Establishment-2005-06, Number of Teachers sanctioned and present position-10,10, *Number of Administrative Staff-1 computer operator, Number of Technical Staff-5,*Number of Teachers and Students-10 teachers, 50students, Demand Ratio (No. of seats : No. of applications)-150:150, Ratio of Teachers to Students - 1:15, Number of research scholars who had their master's degree from other institutions -1, Publications by faculty (last 5 years)-Annexure 1&2, Awards and recognition received by faculty (last five years)-Dr. Dharma Narnia gold medal for best research paper presented in ASI conference 1982, Number of Books in the Departmental Library, if any- 159, Number of Journals/Periodicals-International-2, National -3, Number of Computers- 2,

3.Department of Biochemistry

Name of the Department-Biochemistry-Year of Establishment-2005,Number of Teachers sanctioned and present position-8,11Number of Administrative Staff-Three. HOD, Additional HOD, - Deputy HOD ,-Number of Technical Staff-4 Technicians, Number of Teachers and Students-Teachers 11, Students- 150 ,Demand Ratio (No. of seats: No. of applications)- 150:150,Ratio of Teachers to Students -1:14,Number of research scholars who had their master's degree from other institutions -Applied to RGUHS, Bangalore, to start Ph.D course & to provide research facility to othersThe year when the curriculum was revised last-2004,Success Rate of students (What is the pass percentage as compared to the University average-49%(Average of last 5 years)University **Distinction/ Ranks -32**
,Publications by faculty (last 5 years)-12,Awards and recognition received by faculty (last five years)-01,Faculty who have Attended National and International Seminars (last five years)-36 ,National and International seminars organized (Last five years-)01-CME Programme , Number of Ongoing projects and its total outlay-05,Research projects completed during last two & its total outlay-03,Number of Books in the Departmental Library, if any-135,Number of Journals/Periodicals-National – 4 International- 1,Number of Computers-01,

25.Dpartment of Nephrology

Name of the Department-Nephrology, Year of Establishment-2011, Number of Teachers sanctioned and present position-2, *Number of Administrative Staff-1, Number of Technical Staff-12,* Number of Teachers and Students-2, Demand Ratio (No. of seats : No. of applications)-2, Ratio of Teachers to Students -1:1, Number of research scholars who had their master's degree from other institutions -1, Publications by faculty (last 5 years)-4 international I national Awards and recognition received by faculty (last five years)-1, Faculty who have Attended National and International Seminars (last five years)-2, , *umber of Ongoing projects and its total outlay-3,* Research projects completed during last two & its total outlay-2, --, Number of Ph. D theses guided during the last two years--, Number of Books in the Departmental Library, if any-10, Number of Journals/Periodicals-4, Number of Computers-1, Annual

8.Department of Community Medicine

Name of the Department - Community Medicine, Year of Establishment – 2005, Number of Teachers sanctioned and present position- 13 & 13, *Number of Administrative Staff- 22, Number of Technical Staff- 07,*Number of Teachers and Students- 07/250, Demand Ratio (No. of seats : No. of applications)- 150, Ratio of Teachers to Students - 07:35, Number of research scholars who had their master's degree from other institutions - 7, , Publications by faculty (last 5 years) – international -3,national 11, Faculty who have Attended National and International Seminars (last five years) -61 Number of National and International seminars organized (Last five years) - 6, Number of teachers engaged in consultancy and the revenue generated - , *Number of Ongoing projects and its total outlay - 6* Research projects completed during last two & its total outlay 6 , Number of Computers - 03,

7.Department of Forensic Medicine & Toxicology

Name of the Department - Forensic Medicine And Toxicology, Year of Establishment - 2004, Number of Teachers sanctioned and present position - Total -3, PG – 5, *Number of Administrative Staff - 1, Number of Technical Staff* - Number of Teachers and Students -

Students UG -150, PG -5., Teachers- Total -3, PG – 6, The year when the curriculum was revised last - 2012, , Success Rate of students (What is the pass percentage as compared to the University average - 2012-13, 80%, Publications by faculty (last 5 years) - 10 Publications, , Faculty who have Attended National and International Seminars (last five years) - 2 faculties, *Number of Ongoing projects and its total outlay - 8 Projects,* , Number of Books in the Departmental Library, if any - 209, Number of Journals/Periodicals - 5

9.Department of - General Medicine

Name of the Department - General medicine, Year of Establishment – 2005, Number of Teachers sanctioned and present position – 20, *Number of Administrative Staff - 02, Number of Technical Staff - 03,* The year when the curriculum was revised last - 2006, Publications by faculty (last 5 years) - national 10, international 1Awards and recognition received by faculty (last five years) - _, Faculty who have Attended National and International Seminars (last five years) - 06, Number of National and International seminars organized (Last five years) - O6, Number of teachers engaged in consultancy and revenue generated Number of Books in the Departmental Library, if any - 150, Number of Journals/Periodicals - 11, Number of Computers - 03_,

19.Department of Obstetrics & Gynecology

Name of the Department - Obstetrics & Gynecology, Year of Establishment - 2004, Number of Teachers sanctioned and present position - Total -15, PG – 6, *Number of Administrative Staff - 1, Number of Technical Staff - 1,* Number of Teachers and Students - Students UG - , PG -6., Teachers- Total -15, PG – 6, Demand Ratio (No. of seats: No. of applications) - , Ratio of Teachers to Students - 1:5, Number of research scholars who had their master's degree from other institutions - -, The year when the curriculum was revised last - 2012, , Publications by faculty (last 5 years) - 4 Publications, Faculty who have Attended National and International Seminars (last five years) - 4 faculties, Number of teachers engaged in consultancy and the revenue generated - 15, *Number of Ongoing projects and its total outlay - 8 Projects,* Research projects completed during last two & its total outlay - 7, , Number of Books in the Departmental Library, if any - 123, Number of Journals/Periodicals - 5, Number of Computers - 2

21.Department of - PLASTIC SURGERY

Name of the Department - PLASTIC SURGERY, Year of Establishment – 2010, Number of Teachers sanctioned and present position – 3, *Number of Administrative Staff - , Number of Technical Staff - ,* Number of Teachers and Students - 2, Demand Ratio (No. of seats : No. of applications) - , **Department of Radio Diagnosis**

Name of the Department - Radio Diagnosis, Year of Establishment - 2004, Number of Teachers sanctioned and present position - 5 Prof, 4, Asst Prof. 4, Sr. Resi, *Number of Administrative Staff - 1, Number of Technical Staff - 11,* Number of Teachers and Students - Students UG -150, PG -6. Teachers- Total -11, PG – 5, Demand Ratio (No. of seats: No. of applications) - 3 per year (PG), Ratio of Teachers to Students - 2.5:1 PG, Number of research scholars who had their master's degree from other institutions - -, The year when the curriculum was revised last - 2011, Publications by faculty (last 5 years) -2 international ,2 national , Awards and recognition received by faculty (last five years) - 1, Faculty who have Attended National and International Seminars (last five years) - 2 faculties, Number of teachers engaged in consultancy and the revenue generated - 11, *Number of Ongoing projects and its total outlay - 5*Number of Ph. D theses guided during the last two years - 5, Number of Books in the Departmental Library, if any - 135, of Journals/Periodicals - 3, Number of Computers - 4NA,

15.Department of Ophthalmology

Name of the Department - Ophthalmology, Year of Establishment - 2004, Number of Teachers sanctioned and present position - , Number of Administrative Staff - , Number of Technical Staff - , Number of Teachers and Students - , Demand Ratio (No. of seats : No. of applications) - , Ratio of Teachers to Students - , Number of research scholars who had their master's degree from other institutions - , The year when the curriculum was revised last - , Number of students passed NET/SLET etc. (last two years) - , Success Rate of students (What is the pass percentage as compared to the University average - , University Distinction/ Ranks - , Publications by faculty (last 5 years) - 03 , Awards and recognition received by faculty (last five years) - , Faculty who have Attended National and International Seminars (last five years) - Yes , Number of Ongoing projects and its total outlay - 03 , ,

Number of Books in the Departmental Library, if any - 120 , Number of Journals/Periodicals - 05 , Number of Computers - 01 ,

14.Department of ORTHOPAEDICS

Name of the Department - ORTHOPAEDICS, Year of Establishment - 2005, Number of Teachers sanctioned and present position - 5, *Number of Administrative Staff - Data entry operator-1, Attender – 1, Number of Technical Staff - NIL,* Number of Teachers and Students - Teachers 5, PGs 2, UG 5, UGs 230, Demand Ratio (No. of seats : No. of applications) - Not known, Ratio of Teachers to Students - 5:230Publications by faculty (last 5 years) – 6 international and 6 national Awards and recognition received by faculty (last five years) - 4, Faculty who have Attended National and International Seminars (last five years) - 5, Number of National and International seminars organized (Last five years) - 3, Number of Books in the Departmental Library, if any - 91, Number of Journals/Periodicals - 3, Number of Computers - 1

16.Department of Otolaryngology and Head & Neck

Name of the Department - Oto Laryngology And Head & Neck, Year of Establishment - 2004, Number of Teachers sanctioned and present position - TOTAL 9, Number of Administrative Staff - ONE, Number of Technical Staff - ONE, Number of Teachers and Students - Staff 09, UG-130, PG-06, Demand Ratio (No. of seats : No. of Applications) - Ratio of Teachers of Students - 1 : 5, Number of research scholars who had their master's degree from other institutions - Three, The year when the curriculum was revised last - 2012, , Publications by faculty (Last 5 years) - YES, Total-14, Awards and recognition received by faculty (last five years) - Two, Faculty who have Attended National and International Seminars - Two, Number of National and International seminars organized (Last five years) - Facial Plastic Surgery Seminar-2011, Radiology in ENT Seminar-2012, Number of teachers engaged in consultancy and the revenue generated - Five, Number of Ongoing Projects and its total outlay - Clinical trials on , 1, Acute Otitis media, 2, Otitis externa, Research Projects completed during last two & its total outlay - , - , Number of ph. D theses guided during the last two years - , Number of Books in the Departmental Library, if any - 113, Number of Journal / Periodicals - 3 National, 3 International, Number of Computers - Total-04,

5.Department of Pathology

Name of the Department - Pathology, Year of Establishment - 2005, Number of Teachers sanctioned and present position - Ten + Five, Ten + One, *Number of Administrative Staff - 5, Number of Technical Staff - 18,*Number of Teachers and Students - 7, 144 +7, Demand Ratio (No. of seats : No. of applications) - -, Ratio of Teachers to Students - UG 144, PG 7, Number of research scholars who had their master's degree from other institutions - --, The year when the curriculum was revised last - 2006 – RGUHS, Success Rate of students (What is the pass percentage as compared to the University average - 65%, University .Publications by faculty (last 5 years) – 1-international ,national 12. 2, , Faculty who have Attended National and International Seminars (last five years) - IMSA – Dr Usharamchandra, International, , *Number of Ongoing projects and its total outlay - Two,* Research projects completed during last two & its total outlay - One, Number of Books in the Departmental Library, if any - 168, Number of Journals/Periodicals - 6, Number of Computers - 6 --,

4.Department of PHARMACOLOGY

Name of the Department - Pharmacology, Year of Establishment - 2005, Number of Teachers sanctioned and present position - 1 Prof & HOD, 2 Professors, 2 Asst. Professors, 3 PG/Tutors, *Number of Administrative Staff - 03, Number of Technical Staff - 01,* Number of Teachers and Students - 8 Teachers & 145 Students, Ratio of Teachers to Students - 1:18, The year when the curriculum was revised last - 2004, Publications by faculty (last 5 years) - 07, Awards and recognition received by faculty (last five years) - , Faculty who have Attended National and International Seminars (last five years) - 1+1, , *Number of Ongoing projects and its total outlay - 07,* Research projects completed during last two & its total outlay - 07, - ---, Number of Books in the Departmental Library, if any - 143, Number of Journals/Periodicals - 5, Number of Computers – 3.

2.Department – Physiology

Name of the Department - Physiology, Year of Establishment - 2005, Number of Teachers sanctioned and present position - 10, 10, *Number of Administrative Staff - 1, Number of Technical Staff - 3,* Number of Teachers and Students - 10, 150, Demand Ratio (No. of seats : No. of applications) - 150, Ratio of Teachers to Students - 1:15, The year when the curriculum was revised last - 2004, , Success Rate of students (What is the pass percentage as compared to the University average - 42% pass, 8 -2012, Publications by faculty (last 5 years) - 4, Awards and recognition received by faculty (last five years) - 2, Faculty who

have Attended National and International Seminars (last five years) - 5, *Number of Ongoing projects and its total outlay - 6,* Research projects completed during last two & its total outlay - 8, - Affiliation to RGUHS granted, notification awaited, Number of Books in the Departmental Library, if any - 190, Number of Journals/Periodicals - 5, Number of Computers - 2-,

12.Department of –Psychiatry

Name of the Department - Psychiatry, Year of Establishment - 2005, Number of Teachers sanctioned and present position - 5 full, Number of Administrative Staff - Nil, Number of Technical Staff - Nil, Number of Teachers and Students - 5 and 3 PGs, Publications by faculty (last 5 years) – 8 national 2, , Faculty who have Attended National and International Seminars (last five years) - 11, Number of Ph. D theses guided during the last two years - Nil, Number of Books in the Departmental Library, if any - 200, Number of Journals/Periodicals - 4, Number of Computers - 2,

11.Department of Dermatology, Veneriology and Leprosy

Name of the Department - Dermatology , Venereology and Leprosy., Number teachers and students - Teachers, 6 / Students (P G) 3, Faculty who have attended National and international seminars - 6, Number of National and International seminars organized (Last 5 years) - 5, Number of teachers engaged in consultation and revenue earned - None., Number of ongoing projects and their total outlay - , Research projects completed in the two years and their total outlay - _, during last 2 years - _, Number of books in the departmental library if any - 127Number of journals and periodicals - 13, Number of computer - 2

13.Department of General Surgery

Name of the Department - General Surgery, Year of Establishment - 2005, Number of Teachers sanctioned and present position - Total -15, *Number of Administrative Staff - 2, Number of Technical Staff - Nil,* Number of Teachers and Students - Students UG -340, PG - 6. Teachers- Total -15, PG – 6, , Ratio of Teachers to Students - 15:340, PG started 2 years back, exam to be held in 2014, University Publications by faculty (last 5 years) – int-1,national 10 Number of Books in the Departmental Library, if any - 143, Number of Journals/Periodicals - , Number of Computers - 3NA,

29.Department of Pediatrics

Name of the Department - Pediatrics, Year of Establishment - 2005, Number of Teachers sanctioned and present position - 15, *Number of Administrative Staff - 01, Number of Technical Staff - 1,* Number of Teachers and Students - 15:150, Ratio of Teachers to Students 1:10, Number of research scholars who had their master's degree from other institutions - -, The year when the curriculum was revised last - 2012, , , Publications by faculty (last 5 years) - 5, Awards and recognition received by faculty (last five years) - 3, Faculty who have Attended National and International Seminars (last five years) - 20, Number of teachers engaged in consultancy and the revenue generated - All faculties are generating the revenue in the hospital, *Number of Ongoing projects and its total outlay - 3,* Research projects completed during last two & its total outlay - 10, during the last two years - 9, Number of Books in the Departmental Library, if any - 130, Number of Journals/Periodicals - 1+4, Number of Computers - 3,

Department of Pulmonology/tuberculosis & respiratory diseases

Name of the Department - TB&CD, Year of Establishment - 2005, Number of Teachers sanctioned and present position - 4, *Number of Administrative Staff - 1, Number of Technical Staff - 4,* Number of Teachers and Students - Under medicine dept., Success Rate of students (What is the pass percentage as compared to the University average - 85-90%, Number of Books in the Departmental Library, if any - 114, Number of Journals/Periodicals - 4, Number of Computers – 1,

Rajarajeswari Medical College & Hospital

Part II
B. Criterion-Wise Evaluative Report

Quality Policy

We, at RRMC & Hospital are committed to provide
Quality health Care services to patients
Excellence in education to learners
Contribute for community research of relevance

We will,
Always create an environment of teamwork to provide consistent services to our valued -
Patients, learners and stakeholders

Always work to continually improve the efficiency, effectiveness and acceptability of Quality Management System.

Always conscious to detect defects and deficiencies for improvement of
Services, Education and Research

Our Motto

"Advanced health care Education, Service and Research
With commitment and dedication"

Criterion I: Curricular Aspects

1.1. Curriculum Design and Development

1.1.1. ***State the vision and mission of the institution, and how it is communicated to the students, teachers, staff and other stakeholders?***

OUR VISION

Single window delivery of total human health care services

Total quality management in human health care Education ,Service, and research.

Promote unique work culture in alleviating Human sufferings.

To train general, specialized, advanced & allied health care professional Personnel to meet regional & national and global health care services demands

Work to contribute to global Human health care knowledge, skills& research .

Be efficient, effective, community acceptable, and excel in service Education & research.

To impart knowledge, & interact with organizations of similar interest.

Fostering global competencies, inculcating value system among learners

Promote use of technology of relevance

To induce paradigm shift in community that many human diseases are Preventable, Curable & Affordable

Reach the unreachable with awareness, education, research & service

Serve the under served

- The mission is to create a perfect system ,ambience, infrastructure that executes organizational vision and regulatory agency requirements to train students for

Criter

the award of MBBS, MD/MS , superspeciality in different specialties, other allied programs in health care education, incorporating total quality management at different levels of education, service and training.

- To rightly perceive the idea of sincerity, commitment, dedication by the concerned to provide **Patient Care Centered Service** with human touch.
- To learn and update technology for alleviating human suffering and to inculcate the same in educational training process- **A learner centered approach.**
- To express high concern to prevent, treat and eradicate Health ailments among population - **An ongoing mission.**
- Relentlessly work to improve the existing knowledge, skills and to strengthen the profession ,to serve the community at large. - through **community oriented research**
- To make prevention of Health ailments a people's mass movement by creating awareness in society thus pioneering social change in health concept in community.

OUR MISSION

Learner centered Health Care Education

Patient centered service

Community oriented research

Strong community relationship

Serve the under served

Meet the regional, national and Global Health Care educational needs

Inter organizational linkage

Strategic future oriented planning

Excellence in knowledge, skills and service

Professionalism in management

Open organizational climate

1.1.2. How does the mission statement reflect the institution's distinctive characteristics in term of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientation?

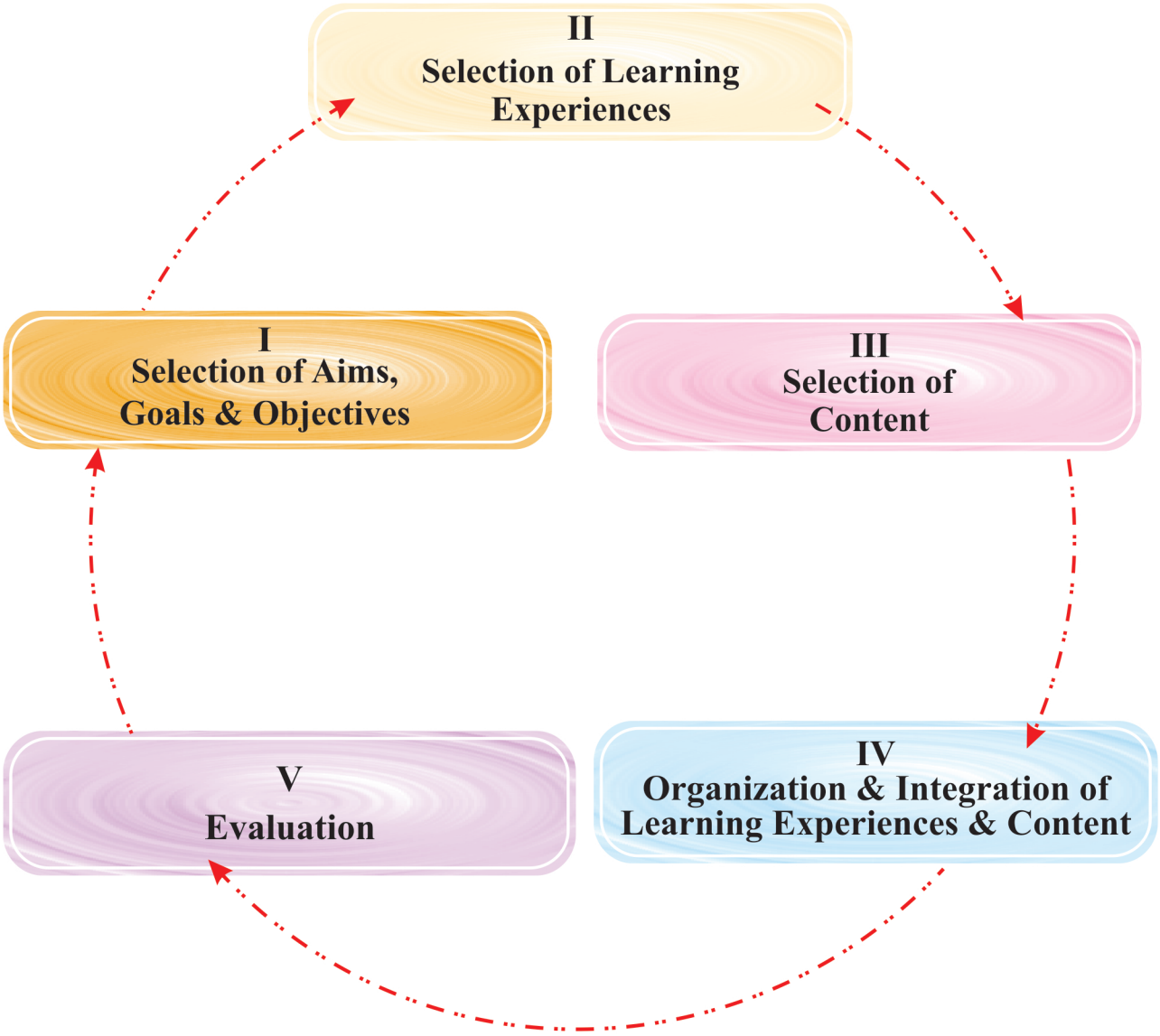
The institution addresses the health care education, service and research needs of the society by establishing a Medical college, hospital and research center. The college intends to cater its distinct services to meet the regional, national and international students, patients and research needs of the society.

The institution intends to follow the traditions of - learner centered health care education, community oriented research, patient centered service, strong community relationship, community oriented extension services, referral service center, serve the underserved, professionalism in education, service and management, meet regional and national needs, strategic future oriented planning, Inter organizational linkage and unique organizational culture.

The objectives stated in the mission are developed from inside-out approach and value orientation is done to all the stakeholders through deliberations, leaflets, website, and prominent display R***ef. Ptate-I. The Curriculum Process***

1.3. Are the academic programmes in line with the institution's goals and objectives? If yes, give details on how the curricula developed/ adopted, address the needs of the society and have relevance to the regional/ national and global trends and developmental needs? (access to the Disadvantaged, Equity, Self-development, Community and National Development, Ecology and environment, Value orientation, Employment, ICT Introduction, Global and National demands and so on)

Access to the Disadvantaged and equity -is provided in different category of seats reserved under government quota. As the student on completing the programs will be a skilled Health Care Professional. Academic programmes provide self-development and employment. The programmes provide professional education, basic, advanced health care services, extension activities, and research, thus contribute for community and national development. The institution goals on translation into academic programs meet the global and national demands of-health care professional services, and research.



The Curriculum Process

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL
#202, Kambipura, Mysore Road, Bangalore - 560074

1.1.4. How is compatibility of programmes with goal and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?

The institutions goals are translated into academic programmes, consequent to their implement institution achieve its objectives. The programmes are evolved through goals and objectives. The programmes provide basic, advanced and allied health care services, Health care education and Medical practice

1.1.5. How is the internship structure oriented towards the set goals and objectives of Medical Education?

The internship structure is oriented so as to provide the learner with necessary knowledge and skills, for him to be globally competent to serve as general and advanced Medical professional, in varied set up of community, including rural practice. The structure of internship followed is as per the statutory guidelines applicable and in force.

Departments	**Number of days**
Casualty	15
Ophthalmology	15
ENT	15
OBG	61
Community Medicine	61
Surgery	46
Anesthesia	15
Pediatrics	31
Medicine	45
Psychiatry	15
Orthopedics	31
Elective postings(Dermatology / TB & CD/ Radiology/Forensic Med/Blood bank	15
Total	**365 days**

1.1.6. Explain the initiatives of the institution in the following areas.

Orientation to research and rehabilitation is provided as enrichment at UG and part of curriculum in PG programs to students. Students at UG level need to complete student projects in all the subjects and at PG level it is mandatory to complete dissertation in partial fulfillment of MD/MSDegree. Institution

spends Rs .50,00,000/- as seed money to encourage research activities in the college. In addition, lectures on research methodology, statistical analyses, and literature search are trained to learner's research methodology, statistical analyses, and literature search are trained to learners.

a. **Behavioral and Social Science,** the college has a dept. which in addition to engaging lectures at different years of UG program, counsels grossly deviated behaviors of learner referred by the mentor
b. **Medical Ethics** professional ethics lectures are engaged by ethical committee during internship.
c. **Medico legal issues** are dealt in Forensic Medicine dept.
d. **Enhancement of quality of services and consumer affairs.** Enhancement of quality of education, and patient services is dealt by IQAC with students represented on varied committees and through feedback for services. The consumer affairs; is dealt by student charter patients, parents, patient's rights education and other stake holders feedback.

1.1.7. ***How does the curriculum cater to inclusion/ integration of informational and Communication Technology (ICT) in the curriculum, for equipping the students to compete in the global employment markets***

ICT is intensively practiced at all constituents of the system.. All lecture halls fitted with LCD. An efficient IT Department deals with the maintenance of ICT equipments and systems. The staffs and students trained with the working knowledge of computers specific to their job as enrichment course. The faculty are trained in use of computers, internet, audio visual aids, computer aided packages, material, development for CAL, multimedia LCD, scanning internet email, and such related skills. Each teacher has prepared 10-20 CAL for teaching learning process. Classes are held with PPT, multimedia, and online lectures from internet. the hospital has **information management system (ims)-** organizational information management, effective data management, medical record, confidentiality, security and integrity of medical records, retention of medical records

1.1.8 Specify the initiatives and contributions of the institution in the curriculum design and development process. (Need assessment development of information database, feedback from faculty, students, alumni, employees and academic peers, and

communicating the information and feedback for appropriate inclusion and decisions in statutory academic bodies, Membership of BOS and by sending agenda items etc.)

The initiatives of the college for curriculum development process involves curriculum need assessment through feedback from the stakeholders' viz. students, academic peers, alumni, parents and community. Different stakeholders give feed backs on courses, programs, competencies gained by alumni, teaching and evaluation through set of formats designed by the college, and are analyzed. The areas for redesign are identified, are placed before the curricular committees of the college, necessary enrichment courses are designed and feedbacks are collected. The deficiencies are communicated to board of studies and appropriate authorities of the affiliating university for redesign. Ref. JPlate-IL ***The Curriculum Redesign*** I he Curriculum Redesign process has two separate curricular evaluations viz. micro and macro evaluations by the concerned stake holders, incorporates feedback from students, alumni, teachers, subject experts, professional associations, practitioners, patients, parents and other stake holders. The college has collected total such---- number of samples of feed backs on all 20 subjects of UG program.

Structuring Journal clubs and Seminars.

- Continuum assessment of PG students during 3 years course.

1.1.9. How the institutional goals are translated into the academic programmes, research and extension activities of the institution?

The institutional goals are translated into academic programmes and consequent to their implementation institution achieves its objectives. For the programs offered and their details are given below.

1.1.10. How do the Boards of Studies ensure the currency and relevance of the programmes offered?

- Stakeholders demand of latest knowledge, skills
- Advances in Medical specialty services,
- Review of contemporary global curricula of similar systems,
- Revised usually once in 5 years
- The feedback on courses, program rating, alumni competencies gained are analyzed and outcome communicated to BOS for further needful.
- To make the curricula globally competent
- To maintain competitive edge in the curriculum
- The college has collected total such number of samples and in all 20 subjects of UG program.

1.1.11. What are the interdisciplinary courses introduced during the last five years

The MBBS programme is interdisciplinary programmes. The. MD/MSprogrammes in different specialties though provide core options still they are interdisciplinary as basic medical sciences subjects are incorporated. However to maintain the ***interdisciplinary approach in curriculum –integrated teaching programs and problem based learning are practiced by the institution .few such –integrated teaching programs are –***

List of Integrated Teaching Sessions

2008

1. HIV
2. Tuberculosis
3. Diabetes Mellitus
4. Thyroid

2009

1. Wound Healing
2. Clinical Trials and Statistics
3. Multiorgan Failure
4. Fluid Electrolyte Balance

2011

1. Acid Base Balance
2. Polytrauma
3. Shock
4. Varicose Veins

2012

1. Blood Transfusion
2. Sterilisation
3. Neoplasia
4. Pre and Postoperative Care
5. OT Techniques ***Total =17***

1.1.12. What value added courses are introduced which would

The gaps in the curricula, as compared to community needs, are identified, appropriate enrichment courses designed and implemented by each department at UG and PG.

Refer Fact Data Sheet .No- 14. For The list of enrichment courses deptwise designed and implemented at UG and PG levels

A. ***Develop skills***

Every department has clearly defined the skills to be developed among learners specific to the profession. Continuous efforts are made by the departments to induce globally competent ,relevant professional skills are induced among under and post graduates

B. offer career training

Working knowledge of computer, ICT integration in curriculum, induction course to interns, personality development courses, development of entrepreneurial skills are dealt throughout the program. The college has entered into a student exchange programme with Hammersmith University, United Kingdom and others like Mayo Clinic, United States of America

C. Promote community orientation?

The college through curriculum has maintained community orientation, conducting health camps extension activities, computer skill up gradation, service, and community oriented research.

1.1.13. What percentage of the courses focus on experiential learning including practical and work experience?

100% of the courses focus on experiential learning including practical, work experience and community exposure

1.1.14. Does the institution focus on multi skill development in its programmes? If yes, illustrate.

The UG program incorporates 20 subjects spread over four and half years. The student needs to complete these courses compulsorily before he graduates. In the process he develops varied skills required for the profession.

1.1.15. Is there a provision for incorporating computer skills in curriculum for all students?

Having identified the gap in curriculum, the college offers working knowledge of computers as enrichment course to meet specific learning needs of students

1.1.16. What are the courses aiming to promote value education or social citizenship roles?

Students by participating in, Health camps, extension activities and community integration of curriculum, learn team working roles and attitude for social citizenship.

1.1.17. What thrust is given to Information Communication Technology' for equipping the students for global demands in the curriculum?

Specialty specific ICT facility is provided at all departments. Students regularly use broad band surfing, internet and media for day to day curricular transactions. All teachers use ICT for their lectures. Each teacher has prepared 10-20 ppt lectures which they use for their lectures.**ICT policy** is documented and implemented

1.1.18. What programmes are developed for physically challenged students and how is the same implemented?

Academic programs are the outcomes of the goals and objectives of the college .The current programs offered are yet to develop such programs. However a department of physiotherapy deals with such physically challenged personnel

1.1.19. List the twinning/collaborative arrangements within and outside the country for various programme offerings

The college has entered into a student exchange programme with Hammersmith University, United Kingdom and others like Mayo Clinic, United States of America.

1.2. Academic Flexibility

1.2.1. What are the range of programme options available to learners in terms of Degrees, Certificates and Diplomas?

The college offers varied programs and the students have sufficient academic flexibility to choose from these programs. Details of the programmes offered by the institution: ***Plate-Ill. The System, Input-Process-Output***

Details of the Programmes offered by the institution:

SIN 0	Program me Level	Name of the Programme/ Course	Duration on	Number of Programs	Entry Qualification	Medium of Instruction	Sanctioned student strength	Number of Students Admitted
1	Under-Graduate	MBBS	Years	One	10+2	English	150	150
2	Post-Graduate	MD/MS specialties #	3 years		MBBS	English	87	87
3	M.Phil	-	-	-	-	-	-	-
4	Ph.D	-	-	-	-	-	-	-
5	Certificate Course	--				---		
6	UG Diploma	-	-	-	-	-	-	-

7	PG Diploma							
8.	Any Other (Specify)							

COURSES-**M.B.B.S. Seats**

Annual Intake = 150 seats

Sl.No	Course	Seats
1	CET	37 seats
2	KRLM	83 seats
3	Management	30 seats

M.D / M.S

Annual Intake (department wise)

PG Courses list

S. No	Department	No of Seats in Govt.	No. of Seats in KRLM	Total
1	MD -Anatomy	02	04	06
2	MD -Physiology	02	04	06
3	MD -Bio Chemistry	02	03	05
4	MD -Pathology	02	04	06
5	MD -Pharmacology	01	03	04
6	MD -Microbiology	01	02	03
7	MD -Forensic Medicine	01	03	04

8	MD -Community Medicine	02	04	06
9	MD -General Medicine	01	07	08
10	MD –Psychiatry	02	00	02
11	MD –Dermatology	00	02	02
12	MS-General Surgery	00	04	04
13	MS-Orthopedics	00	02	02
14	Ms-ENT	01	02	03
15	Ms-Ophthalmology	00	04	04
16	MD –Radio diagnosis	00	03	03
17	MD- Anesthesia	02	03	05
18	MS-OBG	00	05	05
19	MD –Pediatrics	00	07	07
20	MD –TB-Chest		02	02
Total Seats		19	68	87

Intake for MD/MS Program

SLNO	Departments		Sanctioned student strength
1	MD -Anatomy	MD	6
2	MD -Physiology `	MD	6
3	MD -Biochemistry	MD	5
4	MD -Pharmacology	MD	4
5	MD -Pathology	MD	6
6	MD -Microbiology	MD	3
7	MD-Forensic Medicine	MD	4
8	MD-Community Medicine	MD	6
9	MD-General Medicine	MD	8
10	MD-Psychiatry	MD	2
11	MD-Dermatology	MD	2
12	MS-Orthopedics	MS	2
13	MS-General Surgery	MS	4
14	MS-Ophthalmology	MS	4
15	MS-E NT	MS	3
16	MD -Anesthesia	MS	5
17	MD -Radio diagnosis	MD	3
18	MS-OBG	MS	5
19	MD -Pediatrics	MD	7
20	MD -TB & CD	MD	2

The college has maximum number of our students successfully clearing this exam.

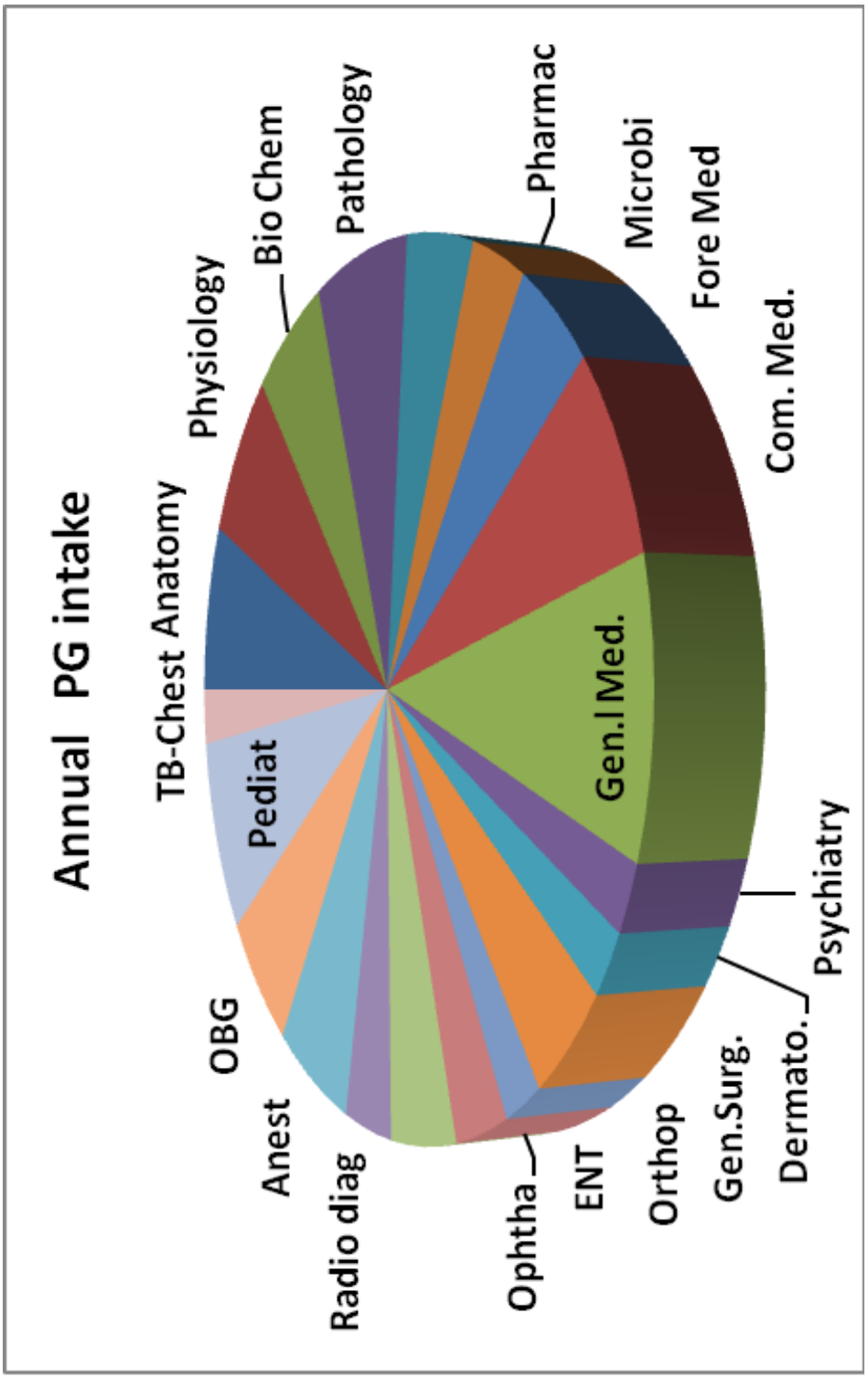
1.2.2. Give details on the following provisions with reference to academic flexibility, value addition and course enrichment:

a) Core options b) Elective options c) Add on courses d) Interdisciplinary courses e) Flexibility to the students to move from one discipline to another 0 flexibility to pursue the programme with reference to the time frame (flexible time for completion)

a) Core options are provided at UG level which incorporates 20 subjects as prescribed by regulatory agencies.

b) Elective options: the student can opt for elective options at PG level. The student can choose from the 20 PG programs offered by the college

c) Flexibility to the students to move from one discipline to another: Nil at UG /PG program


Annual PG intake
Physiology
Bio Chem
Pathology
Pharmac
Microbi
Fore Med
Com. Med.
Gen.l Med.
Psychiatry
Dermato.
Gen.Surg.
Orthop
ENT
Ophtha
Radio diag
Anest
OBG
Pediat
TB-Chest
Anatomy

Flexibility to pursue the program with reference to the time frame (flexible time for completion) .the student can extend his time for completing the particular course or program.

1.2.3. Give details of the programmes and other facilities available for international Students (if any)

All the programs offered are available for international students

Self-Financed Programmes

1.2.4. Does the institution offer any self-financed programmes in the institution? If yes, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification and salary etc.

All the programs offered are self-funded programs

Admission, Curriculum, Fee structure, Teachers Qualification and Salary etc. for Eligibility & Admission Protocols

For General Category (GC) Candidate

The candidate should have passed P.U.C II year or 10+2 equivalent examination recognized by Rajiv Gandhi University of Health Sciences (RGUHS) securing not less than 50% marks in Physics, Chemistry and Biology combined together + 50% marks in either of the Entrance Test that includes Common Entrance Test (CET) / Karnataka Religious and Linguistic Minority (KRLM) / Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMEDK) / All India Entrance Test (AIET).

For Scheduled Cast (SC) / Scheduled Tribe (ST) / Other Backward Community (OBC) Candidate

The candidate should have passed P.U.C II year or 10+2 equivalent examination recognized by Rajiv Gandhi University of Health Sciences (RGUHS) securing not less than 40% marks in Physics, Chemistry and Biology combined together + 50% marks in either of the Entrance Test that includes Common Entrance Test (CET) / Karnataka Religious and Linguistic Minority (KRLM) / Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMEDK) / All India Entrance Test (AIET).

Candidate should have completed 17 years of age on or before 31st December of the year of admission. Candidates from outside Karnataka State must get eligibility certificate from Rajiv Gandhi University of Health Sciences. Candidates of minority status should have Tulu speaking certificate from appropriate authorities.

MBBS = 150 Seats

MD/MS = **87 Seats**

RGUHS Ordinance Book Enclosed, Teachers Qualification-

Student's selection for admission, cut percentage for admission at the entry level

Admission based on merit Basis

Minimum of not less than 50% marks in Physics, Chemistry & Biology. Management Corned -K & CET will be selecting candidates on rank/ Merit Basis. After the due date statement of admission sent to university for approval.

Criteria are for eligibility for admission to MBBS, MD/MS, and Certificate Course i Under different categories, 10-2 Qualifying Examinations

1.2.5 What programmes are offered for practicing medical / paramedical professionals in terms of training for career advancement?

The college has entered into a student exchange programme with Hammersmith University, United Kingdom and others like Mayo Clinic, United States of America.

1.2.6 Does the institution provide facilities for credit transfer, if the students migrate from one institution to another institution in or outside the country?

Migration from one Medical college to other is not a right of a student. However, migration of students from one Medical college to another Medical college in India may be considered by the Medical Council of India. Only in exceptional cases on extreme compassionate ground*, provided following criteria are fulfilled. Routine migrations on other ground shall not be allowed.

1. Both the colleges, i.e. one at which the student is studying at present and one to which migration is sought, are recognized by the Medical Council of India.
2. The applicant candidate should have passed first professional MBBS examination.
3. The application candidate submits his application for migration, complete in all respects, to all authorities concerned within a period of one month of passing (declaration of results) the first professional Bachelor of Medical Surgery (MBBS) examination.
4. The applicant candidate must submit an affidavit stating that he / she will pursue 240 days of prescribed study before appearing at llnd professional Bachelor of Medical Surgery (MBBS) examination at the transferee Medical

college, which should be duly certified by the Registrar of the concerned University in which he/ she is seeking transfer. The transfer will be applicable only after receipt of the affidavit.

Note 1:

i. Migration is permitted only in the beginning of llnd year MBBS course in recognized institution.
ii. All applications for migration shall be referred to Medical Council of India by college authorities. No Institution / University shall allow migrations directly without the prior approval of the Council.
iii. Council reserved the right, not to entertain any application which is not under the prescribed compassionate grounds and also to take independent decisions where applicant has been allowed to migrate without referring the same to the Council.

Note 2: *Compassionate ground criteria:

i. Death of supporting guardian
ii. Disturbed conditions as declared by Government in the Medical College area.

1.3. Feedback on Curriculum

1.3.1 How does the college obtain feedback on curriculum from?

a) Students

The institutions collects varied feedbacks from students through structured questionnaire designed by the institution, few such students feedback collected are student's feedbacks on 20 subjects separately, programme feedback by interns, courses and teaching evaluation by interns, students feedback on teacher performance, students feedback on infrastructure. Student's feedback on library. The number of feed backs collected are – from Patients-1500 across 30 departments from Teachers 10500, library users 500 parents 65-, teachers self-performance appraisal, competencies in alumni -50,dept monthly feedback program – 200, student teaching and evaluation -100, infrastructure feedback-500-, and grand total feedback run in thousands . Total 14-feed formats are designed and implemented by the institution

b) Alumni

Feedback on competencies gained by alumni samples are collected and analyzed for area of improvement

c) Parents

Parent's feedback, 16 are collected during PTA meet and are analyzed.

d) Employers / industries

Employer's feedback on performance of our alumni is ascertained by verbal communication and satisfactory placement and performance of our alumni.

e) Academic Peers

Academic peers' feedback is available through curricular committee, board studies discussion. The teachers give feedback on the organizational climate which inturn is analyzed and actions initiated. Organization climate feedback samples are collected

f) Community

Patient's feedback is collected from all the departments across the hospital o collected and analyzed. The departments wise, institution wise areas for improvement in services are identified and actions are initiated.

Committee for feedback collects feedback on all 20 subjects, by different year students ,Program rating, Teaching and evaluation, competencies gained by interns and alumni, parents, patients, organizational climate ,and such similarare designed by the college and implemented .feed backs are collected from students, teachers, academic peers, service seekers ,interns, alumni. And the samples collected and analyzed.

1.3.2 How is the above feedback analyzed and the outcome / suggestions used for continuous improvements, and communicated to the affiliating university for appropriate inclusion?

Feed backs are analyzed on 4 point liker scale using 7QC tools course wise, program wise improvements areas for improvement are identified, a consolidated report is generated. The same is sent to board of studies for needful. Till curriculum redesign is implemented, appropriate enrichment courses are initiated by the college

1.3.3 Which courses have undergone a major syllabus revision during the last five years?

(With changes in title and content)

The MBBS curriculum was revised in 2004 and MD/MS curriculum was revised in 2009.

1.4 Curriculum update

1.4.1 What is the frequency and the basis for syllabus revision and what are the major revisions made during the last two years?

The bases for revisions are:

- **Review** of contemporary global curricula of similar systems,
- Stakeholders demand of latest knowledge, skills
- Advances in Medical specialty services,
- To make the curricula globally competent
- To maintain competitive edge in the curriculum
- Revised usually once in 5 years

1.4.2 How does the institution ensure that the curriculum bears a thrust on core values adopted by NAAC?

(i) Contributing to National Development

The college through its program and curriculum, has a significant role in human resource development and capacity building of Medical professionals, to cater to the Basic, general, allied and advanced health care education, services and research needs of the country as a whole, and global community at large , thereby contributing to the development of the nation and needy population.

Objectives Achieved

- Total 183 students passed MBBS exam,

YEAR	UG			
	NO.of passes	Number of first classes	Number of distinctions	Rank if any
2003-4				
2006-07	**54**	**27**	**1**	-
2007-08	**48**	**19**	**1**	
2008-09	**120**	**36**	**2**	
2009--10	**181**	**51**	**2**	
2010--11	**210**	**52**	**1**	
2011-12	**246**	**88**	**5**	
2012-13	**249**	**99**	**20**	

- 582 students pursuing studies,
- 582 in MBBS, 98 in PG degree,
- 88 students undergoing internship training.
- 2441269 thousand patients have utilized different modalities of treatment.
- Presented more than 15 papers on sensitive academic matters.
- Institution, through 154 Medical camps has established good community relationships involving GO'S and NGO'S.
- 18 conferences conducted in last 5years

(ii)Fostering Global Competencies among Students: The College makes every effort in skill development of students, on par with their counterparts elsewhere. The college puts its all resources to make students to achieve core competencies of the profession, to face the global requirements successfully. The college is innovative, creative and entrepreneurial in their approach, to ensure skill

development amongst the students. The college has established collaborations with industries, network with the neighborhood agencies/bodies and fosters a closer relationship between the "world of skilled work" and the "world of competent-learning".

(Hi) Inculcating a Value System among Students The college trains the students professionally to inculcate values commensurate with social, cultural, economic and environmental realities, at the local, national and universal levels. The mission statement displays international linkage and linkages with institutions of similar interest for cooperation and mutual understanding

(iv) Promoting the Use of Technology

The college creative in its approach to provide enriched the learning experiences for their students by providing them with State of the Art educational technologies. The campus community is be adequately prepared to make use of Information and Communication Technology (ICT) optimally. Conscious effort is also made to invest in computer and ICT accessories and training for stake holders. The college has inducted all the latest advances in specialty education and skills at par with the time and place. The College is moving towards electronic data management and having institutional websites to provide ready and relevant information to stakeholders. Effective use of ICT in training, ICT literacy to the campus community, using ICT for resource sharing and networking, and ICT-enabled administrative processes..

(v) Quest for Excellence

The college by imbibing the core values intends to achieve the centers of excellence. Excellence in all that college does, will contribute to the overall development of the system.

1.4.3 Does the institution use the guidelines of statutory bodies (UGC/ AICTE / State Councils of HE and other bodies) for developing and/or restructuring the curricula?

The college meticulously follows regulatory guidelines of the affiliating university and Medical council of India the apex body foe Medical in the country

1.4.4 How are the existing courses modified to meet the emerging/ changing national and global trends?

The curriculum committee regularly reviews the course content compared to the changing needs of the community, any such emerging needs in Medical education service and research are identified and enrichment courses are designed by the department. Subsequently such changes are recommended to the board of studies for curriculum redesigned. Till curriculum is redesigned the enrichment courses are provided as teaching beyond the syllabus. The curriculum for MBBS is redesigned and implemented by the university for 2008-09.

1.4.5 How are the global trends in medical education reflected in the curriculum?

- The ICT and community integration in curriculum,
- Focus for skill development at par with global needs.
- Maintaining the competitive edge in learning opportunities
- Entrepreneurship development

Are few of the trends reflected in the curriculum.

1.4.6 How does the institution ensure that the curriculum bears some thrust on issues affecting national development?

The curricular deal with health care education and services which has direct impact on the health care management system of the country, the curricula by contributing skilled manpower, service and research facilities enhances the performance of health care management system of the community at large

1.5 Best Practices in Curricular Aspects

1.5.1 What are the quality sustenance and quality enhancement measures undertaken by the institution during the last five years in curricular aspects?

The college has constituted separate curricular committees for UG and PG under IQAC: students are nominated to these committees. Participative decisions are drawn and implemented

- Learner Need based innovative curricula and enrichment courses are initiated by the college.
- The curricula are redesigned to maintain competitiveness

- Continuous performance assessment cards, mentorship, and personality development lectures are initiated

1.5.2 What best practices in 'Curricular Aspects' have been planned/implemented by the institution?

An updated and redesigned curriculum in MD/MS. programs in all the twenty branches, every department has designed enrichment courses and problem based learning to meet the changing needs of curriculum .Working knowledge of Computer, ICT and community integration in curriculum, Enrichment Courses ,in Behavioral Science Dept., physical director is appointed, the college has IQAC with varied committees with student representation. The institutions collects varied feedbacks from students through structured questionnaire designed by the institution, few such are . Student's feedbacks on 20 subjects, students feedback on teacher performance, infrastructure and library. Programme feedback, courses and teaching evaluation by interns, Organization climate feedback by employees, Feedback on competencies gained by alumni, parent's feedback, and self-performance appraisal of teacher's. Samples are analyzed and appropriate actions initiated.

2. Criterion II: Teaching – Learning and Evaluation

2.1 Admission Process and Student Profile.

2.1.1 How does the institution ensure wide publicity to the admission process?

a. Prospectus
b. Institutional Website
c. Advertisement in Regional/ National Newspapers d. Any other (specify)

Appropriate needy information is given to the concerned stake holders through, prospectus, institutional website, and advertisement in regional/national newspapers.

2.1.2 How are the students selected for admission to the following courses? Give the cut off percentage for admission at the entry level

a) General
b) Professional
c) Vocational

• The Candidate shall have obtained not less than 50% of the aggregate marks, Physics, Chemistry and Biology taken together at the qualifying examination or any other examination recognized as equivalent by Rajiv Gandhi University of Health Sciences, Karnataka

• Scheduled Caste and Scheduled Tribe students shall be given relaxation of 10% in the aggregate marks required for eligibility %

Eligibility for University Examination

To be eligible for appearing University examination a candidate:

1. Shall have undergone satisfactorily the approved course of study in the subjects for the prescribed duration.
2. Shall have attended at least 75% of the total number of classes in theory and Practicals / Clinicals.
3. Shall secure at least 35% of total marks fixed for Internal Assessment in a particular subject.
4. Shall fulfill any other requirement that may be prescribed by the University from time to time.

5. Who fail in any subjects of MBBS Phase I has to put up one academic term before he/she becomes eligible to appear for the next examination.
6. Shall pass in all the Phase I (pre clinical) subjects before joining the Phase II (Para clinical) subjects.
7. Who fails in the Phase II examination shall not be allowed to appear in Part I of III phase examination.

Admission

For General Category (GC) Candidate

The candidate should have passed P.U.C II year or 10+2 equivalent examination recognized by Rajiv Gandhi University of Health Sciences (RGUHS) securing not less than 50% marks in Physics, Chemistry and Biology combined together + 50% marks in either of the Entrance Test that includes Common Entrance Test (CET) / Karnataka Religious and Linguistic Minority (KRLM) / Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMEDK) / All India Entrance Test (AIET).

For Scheduled Cast (SC) / Scheduled Tribe (ST) / Other Backward Community (OBC) Candidate

The candidate should have passed P.U.C II year or 10+2 equivalent examination recognized by Rajiv Gandhi University of Health Sciences (RGUHS) securing not less than 40% marks in Physics, Chemistry and Biology combined together + 50% marks in either of the Entrance Test that includes Common Entrance Test (CET) / Karnataka Religious and Linguistic Minority (KRLM) / Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMEDK) / All India Entrance Test (AIET).

Candidate should have completed 17 years of age on or before 31st December of the year of admission. Candidates from outside Karnataka State must get eligibility certificate from Rajiv Gandhi University of Health Sciences. Candidates of minority status should have Tamil speaking certificate from appropriate authorities.

Migration

Migration from one Medical College to another college after admission is generally not permitted and the Medical Council of India is the final authority to permit such a change in exceptional situations.

COURSE DETAILS

DURATION OF THE COURSE

Every student shall undergo a period of certified study extending over 4½ years academic years followed by one year compulsory rotating internship. The 4½ years course has been divided into three phases.

Phase I - 1 year consisting of two terms of 6 months each

Phase II - 1½ years consisting three terms of 6 months each

Phase III - Part I consisting of 1 year

Phase III - Part II consisting of 1 year

In phase-I students will study Anatomy, Physiology, including Biophysics, Biochemistry and introduction to Community Medicine.

After passing phase 1 (pre-clinical) the Phase II shall be 3 terms (1½ years) devoted to para clinical and clinical subjects. Para clinical subjects shall consist of Pathology, Pharmacology, Microbiology, and Forensic Medicine. During this phase clinical subjects shall be taught concurrently. The clinical subjects will be Medicine & its allied specialties', Surgery & its allied specialties' and Obstetrics & Gynecology.

Phase III - Part I consists of Community Medicine, ENT & Ophthalmology along with the clinical subjects.

Phase III - Part II consist of Medicine, OBG & Surgery.

ATTENDANCE

Every candidate should have attendance not less than 75% of the total classes conducted in Theory, Practical and clinical classes in each Calendar year calculated from the date of commencement of term to the last working day as notified by the University.

A candidate lacking in the prescribed attendance and Progress in any subjects in Theory or Practical/Clinical in the first appearance will not be permitted to appear for the examination in that subjects.

INTERNAL ASSESSMENT EXAMINATION

It will be based on evaluation of assignment, preparation of Seminar, Clinical presentation, Monthly tests etc. There will be minimum of at least Three (3) SESSIONAL EXAMINATION DURING Phase I of the Course and average of best of two examination marks will be taken into consideration while calculating the marks for the Internal Assessment 20% of the total marks assigned for each subjects.

A student must secure at least 35% of total marks fixed for Internal Assessments in particular subjects, in order to be eligible to appear in the University examination in that subject.

CRITERIA FOR PASS

A student has to secure marks as follows to pass in a subject.

1. 35% in internal assessment. (For eligibility to appear for university examination)
2. 50% of the total marks for theory with orals
3. 50% of the marks for practicals / clinical
4. 50% of the aggregate (Total of externals and internals)

SUBJECTS & MARKS

UNIVERSITY EXAMINATION SUBJECTS AND DISTRIBUTION OF MARKS:

SI.No		Anatomy	Physiology	Biochemistry
THEORY				
1	Written paper No. of papers Max. marks for each paper	Two 2 x 100 = 200	Two 2 x 100 = 200	Two 2 x 100 = 200
2	Viva-voce	40	40	20
3	Internal Assessment Theory	40	40	20
	Total Theory	280	280	240
PRACTICAL				
1	Practicals	80	80	40
2	Internal Assessment Practicals	40	40	20
	Total Practicals	120	120	60
	Grand Total	400	400	300

MASTER TIME TABLE

MASTER TIME TABLE FOR INTERNAL ASSESSMENT FOR THEORY PRE-CLINICAL, PARA CLINICAL AND CLINICAL SUBJECTS:

Pre - Clinical

I Internals - I Term	II Internals - II Term	III Internals - II Term
Nov-December	March	May-June

Para - Clinical

I Internals - III Term	II Internals - IV Term	III Internals - V Term
Nov-December	May-June	Nov-December

Clinical (Ophthalmology/ ENT/ PSM)

I Internals - V Term	II Internals - VI Term	III Internals - VII Term
Nov-December	May – June	Nov – December

Clinical (Medicine/ Surgery/ OBG/ Pediatrics)

I Internals - VI Term	II Internals - VIII Term	III Internals - IX Term
June	May – June	Nov – December

All the Internal Assessment Theory Examination has to be conducted only during the specified months. The exact dates may be announced in the Dean's office 15 days in advance in consultation with concerned HODs. In case of repeaters who have back log the respective Heads of the Department can fix up a suitable date on consultation with Dean. The Practical Examinations dates will be notified by the Respective departments.

2.1.3 How does the Institution ensure transparency in the Admission process?

Eligibility for MBBS Course

- A Candidate should have secured a mInimum of 50% marks in English, Physics, Chemistry and Biology taken together at the competitive entrance examination where such examinations are held for selection.

- Candidates who have passed the two years Pre-University Examination of Pre-University Board of Karnataka with English, Physics, Chemistry and Biology as optional subjects are eligible for admission to the first year
- A Candidate who has appeared in a qualifying examination, the result of which has not been declared, may be provisionally allowed to take up the competitive entrance examination and in case of his/her selection for admission to MBBS course, he/she shall not be admitted unless in the meanwhile he/she has passed the qualifying examination.
- *Eligibility for MD Course*
- A Candidate for admission to the MD Course must have a degree of MBBS (Bachelor of Medicine & Surgery) from a college and university recognized by Medical Council of India or an equivalent qualification recognized by Rajiv Gandhi University of Health Sciences, Karnataka (RGUHS) and the Medical Council of India

2.1.4 How do you promote access to ensure equity?

a) Students from disadvantaged community
b) Women
c) Differently-abled
d) Economically-weaker sections
e) Sports personnel
f) Any other (specify)

MBBS & MD admission are made as per the consensual agreement between the Management and Government approved by the Supreme Court with the following procedures of admissions:. For Management Seats for MBBS and MD, applications are called for on College website and seats are offered on the basis of merit.
MBBS seat -150.

2.1.5 What is the ratio of applications received to admissions granted? (Demand ratio)

a. **Professional courses**
b. **General courses**
c. **Vocational courses**
d. **Post-graduate courses**
e. **Undergraduate courses**
f. **For all courses**

The seats are allotted by CET and KEA & KRLMPCA entrance test and the college doesn't receive any applications for admission to MBBS

2.2 Catering to Diverse Needs

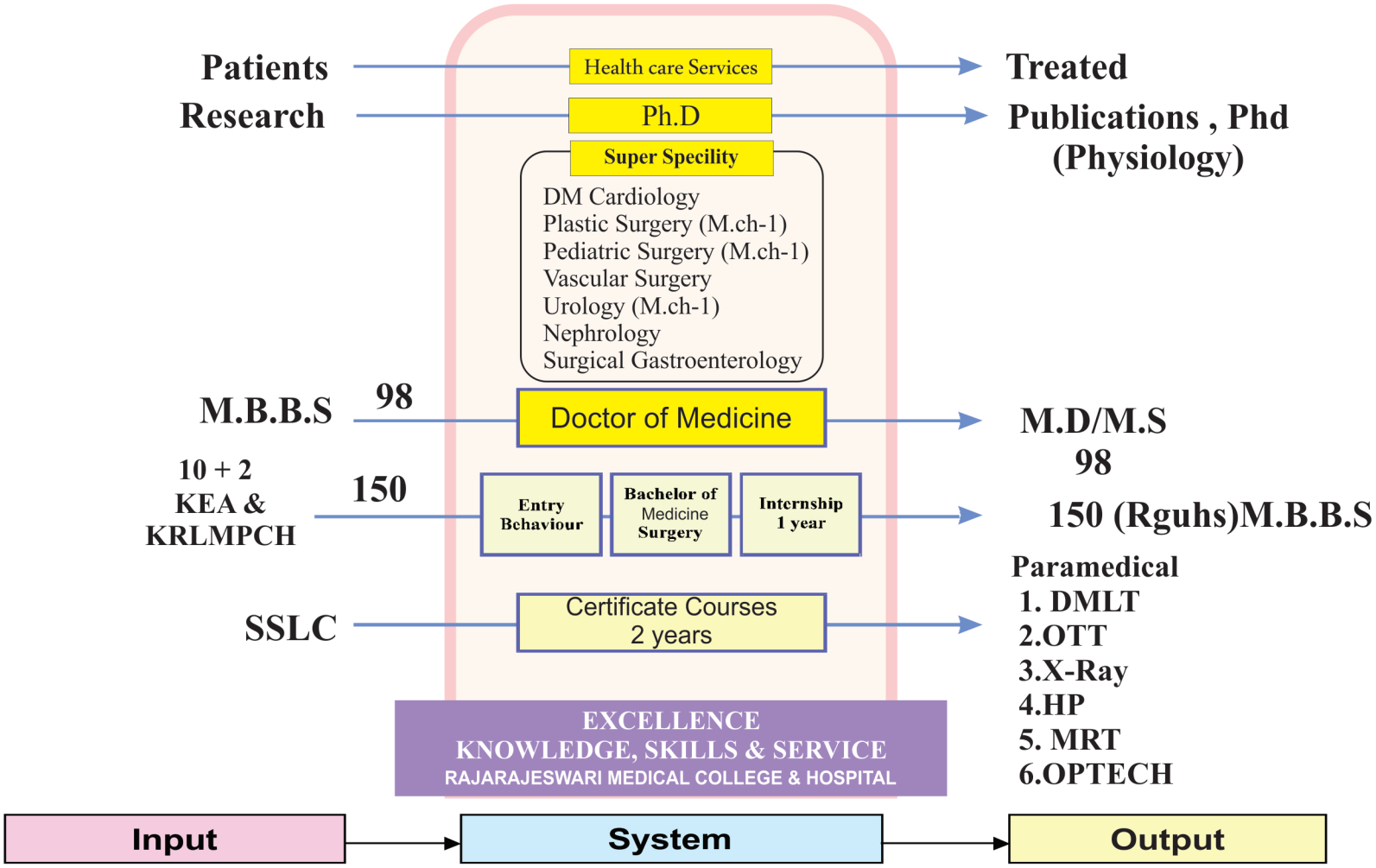
2.2.1 Is there a provision for assessing the students' knowledge and skills before the commencement of the programme? If yes, give details on the strategies of the Institution to bridge the knowledge gap of the incoming students for enabling them to cope withthe programme to which they are enrolled.

Minimum Eligibility qualifications for taking admissions to different programs are well defined by regulatory requirement. The students with prerequisite qualification only enter the program after meeting the admission requirement. They hardly have any knowledge gap to pursue the program they intend to. However few orientation classes in English are held for the students coming from non-English medium.

2.2.2 How does the institution identify slow and advanced learners? Give details on the strategies adopted for facilitating slow and advanced learners

The students are from different category, based on admission, any differences among students in learning, is identified by mid diagnostic survey by each teacher .Through mid diagnostic survey the slow and advanced learners are identified. Remedial drill is initiated by the concerned teacher in the form special classes, repetition of postings, home assignments and counseling. Advanced learners are given challenging tasks as enrichment courses. The outcome impact on underperformers is evaluated for continuous improvement.

DIVERSITY AND FLEXIBILITY OF CURRICULAR ASPECTS



CURRICULUM DIVERSITY AND FLEXIBILITY

Rajarajeswari Medical College & Hospital

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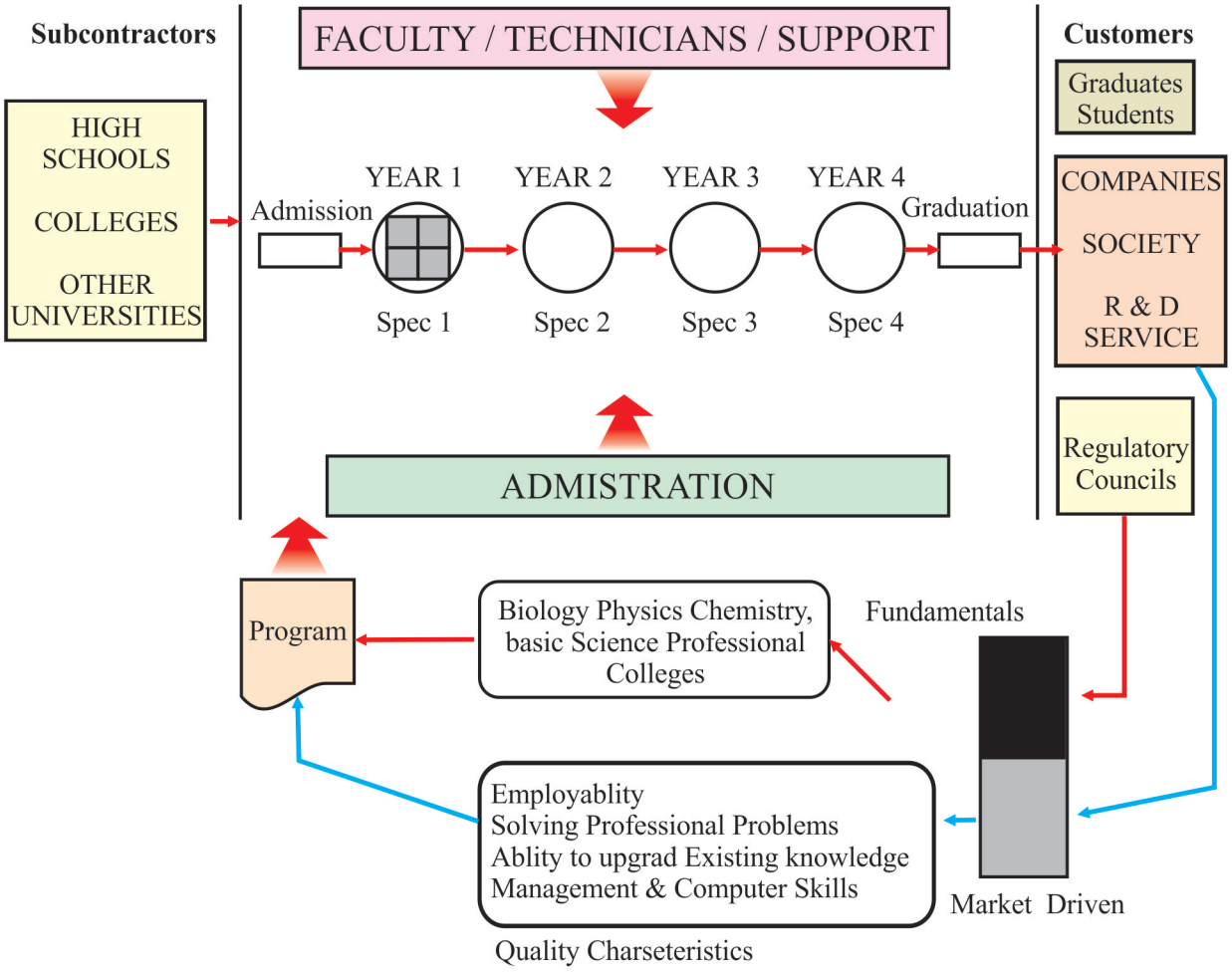

Educational System Process Mapping

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL
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2.2.3 Does the institution have a provision for tutorials for the students? If yes, give details.

All the departments conduct tutorials

2.2.4 Is there a provision for counselors / mentors/ advisors for each class or group of students for academic and personal guidance? If yes, please specify.

Mentorship is practiced in all the departments by which students academic and personal performance is monitored on continuous basis and appropriate counseling is given by the concerned mentor .

2.2.5 How does the institution cater to the needs of differently- abled students?

The institute considers the differently -abled as physically challenged and gifted child. However facilities like wheel chair and physical assistance wherever required are provided

2.2.6 How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and done independently?

Procedures, clinical cases, surgeries observed, assisted, performed with assistance and done independently, are as per the regulatory guidelines of affiliating university, and Medical council of India and innovative technology advancement

2.3.4 To what extent is the institution geared to use computer based telemedicine facilities?

Telemedicine is being initiated

2.3.5 Provide the following details about each one of the teaching programmes:

a. Complete time table

b. Number of didactic lecture

SI.No	Subject	Lecture Hours	Subject	Lecture Hours
1.	Anatomy	450	ENT	70
2.	Physiology,	480	Ophthalmology	100
3.	Biochemistry	240	Community	50
4.	Pathology	244	Orthopaedics	100
5.	Pharmacology	244	Anesthesia	20
6.	Microbiology	244	Radiology	20
	Forensic Medicine	200	Dentistry	10

7.	General Medicine	300	Psychiatry	20
8.	General Surgery	300		
9.	OBG	300		
10.	Paediatrics	100		

c. Number of students in each class

Sl.no	Class	No. Of students
1.	I st year	150
2.	II year	112
3.	III year	106
4	IV year	89

d. Number of medical procedures that the students get to see

All the procedures as prescribed by regulatory agencies are performed meticulously. The details are available in the university syllabus enclosed .All the procedures performed in different specialties'

e. Details of the labour theatre, operating rooms, treatment rooms in medicine, post-operative and post-natal care facilities all the advanced state of the art facilities are available

f. Mannequins for student teaching - Mannequins are made available in pediatrics for resuscitation, IV line access, intaosseous access for learning experiences.

g. Number of students inside the theatres at a given time-4-6

h. Number of procedures in the theatres per week, month and year

h.Theatre Clinic Around 35 Cases

i) Per week Around 4-5 Cases

ii) Per month: Around 15-20 Cases

iii) Per year: Around 160-175 Cases

Out-Patient Teaching:

a. Number of students

•Every department is having OPD teaching.

•OPD teaching is organized in the teaching areas available in all OPDs in each

subject to discuss and demonstrate various clinical signs, symptoms, diagnostic and therapeutic management. There are 8 to 10 students for each group at UG level. Bedside teaching and group discussion and simulated patient examination are regularly conducted. At PG level, for each batch, there will be 1-2 students.

•*b. Average attendance: New and old cases*

•c. *Total period of posting for UG students in the OP*

A batch of 8-1 0 students is posted as per the clinical posting for 3rd and finalMBBS as per norms set by Medical Council of India

d. Special clinics and their ''' details.

•Clinic pathological conferences and discussions between pediatric department and Pathology department and radiology department.

•Special Clinics-High risk clinic , Pulmonology clinic, Cardiology clinic, Nephrology clinic, hematology clinic, Neurology clinic

e.Casualty training and night emergencies

Interns, PG students are posted as per the clinical time table which is prepared as per the regulations of the Medical Council of India /RGUHS

f. Organization of OPD teaching

•A coordinator for hospital teaching prepares clinical postings time table of concerned years and department, allots students into batches. Departments and monitors the compliance requirements of university and regulatory council

The students who are posted to the department need to work in the said clinic in the prescribed hours.

•The senior Faculty allots the cases to the students for presentation and discussion.

2.3 Teaching -Learning Process

2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)

•Associate dean [academic] monitors the effective conduct of the teaching - learning processes

•Associate dean [exams] monitors the effective planning and implementation of exam schedules

•Associate dean [support services] monitors the effective planning and implementation of services

•Associate dean [HR] monitors the effective planning and implementation of human resources

•Academic calendar of the university complied

•calendar of events for the year for the college is prepared

•calendar of events for the year for department is prepared

•college time table is prepared by the committee

•department time table for the year is prepared

•teacher and topic time table for the year in each department maintained

•lessons plan are prepared by each teacher

•books and journals and equipments are added, library and updated

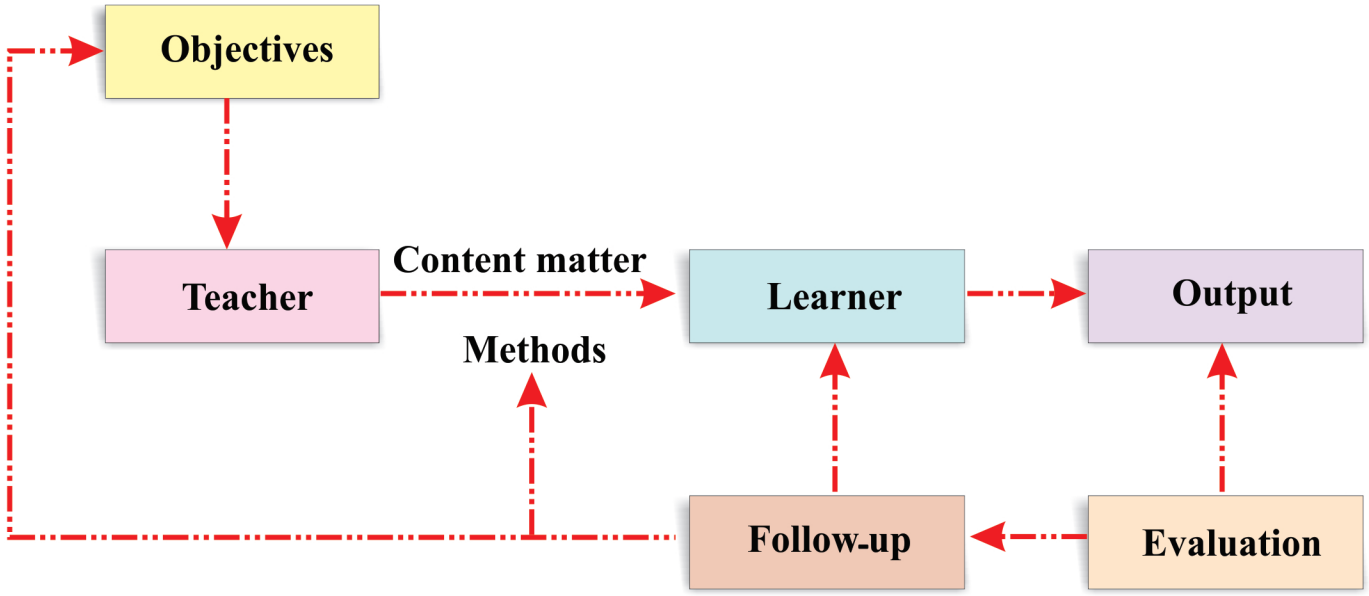
•infrastructure needed is reassessed and actions initiated

•monthly department performance review is conducted ,preventive and corrective actions initiated for continuous improvement

•The college has prepared documented guide lines for preparing academic calendar for the college and preparation of lesson plans.

2.3.2 What are the various teaching- learning methods (lecture method, interactive method, project-based learning, computer-assisted learning, experiential learning, seminars and others) used by the teachers? Give details.

All the faculty are trained in use of computers, internet, Audio visual aids,



The Teaching Learning Process

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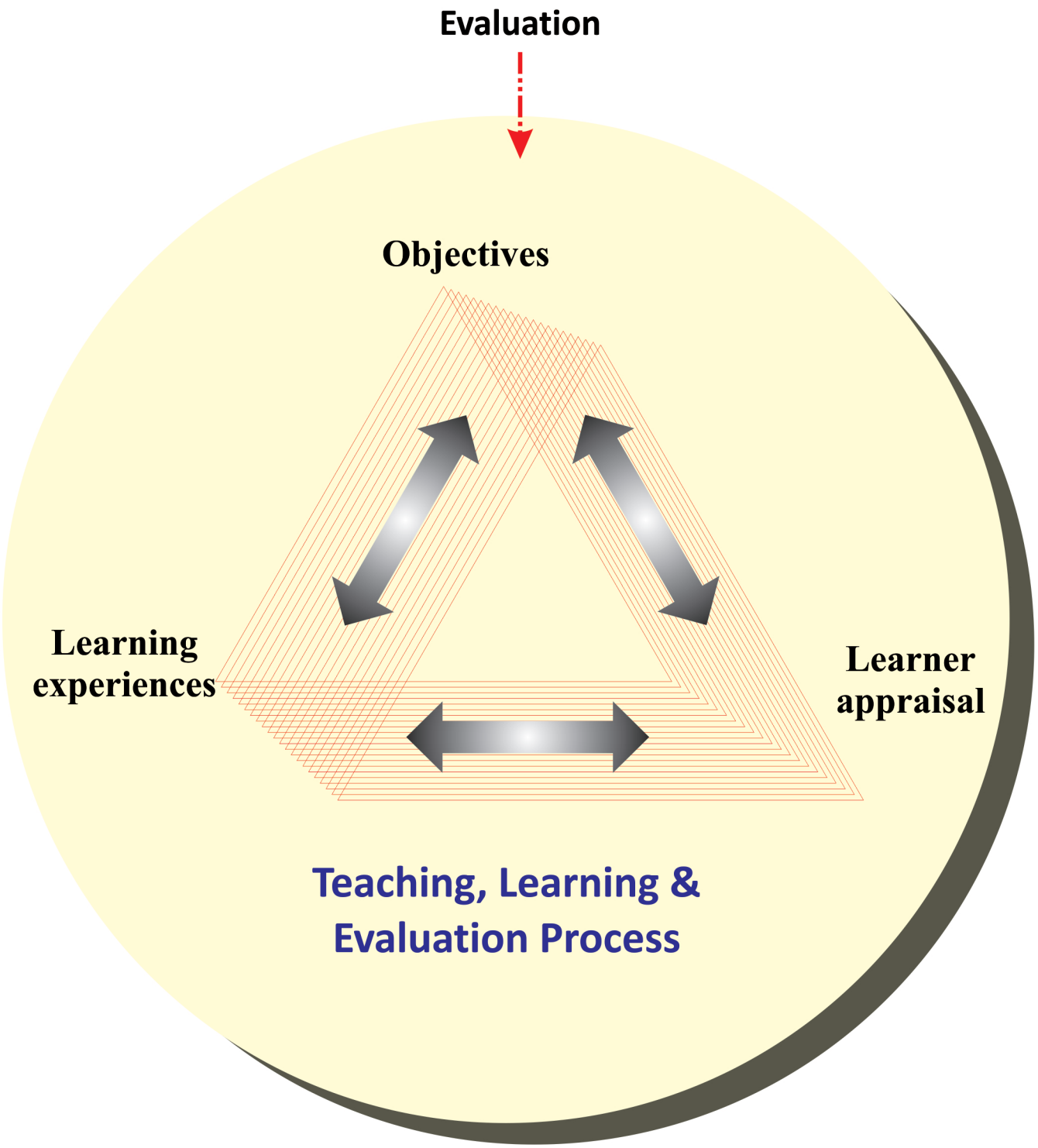

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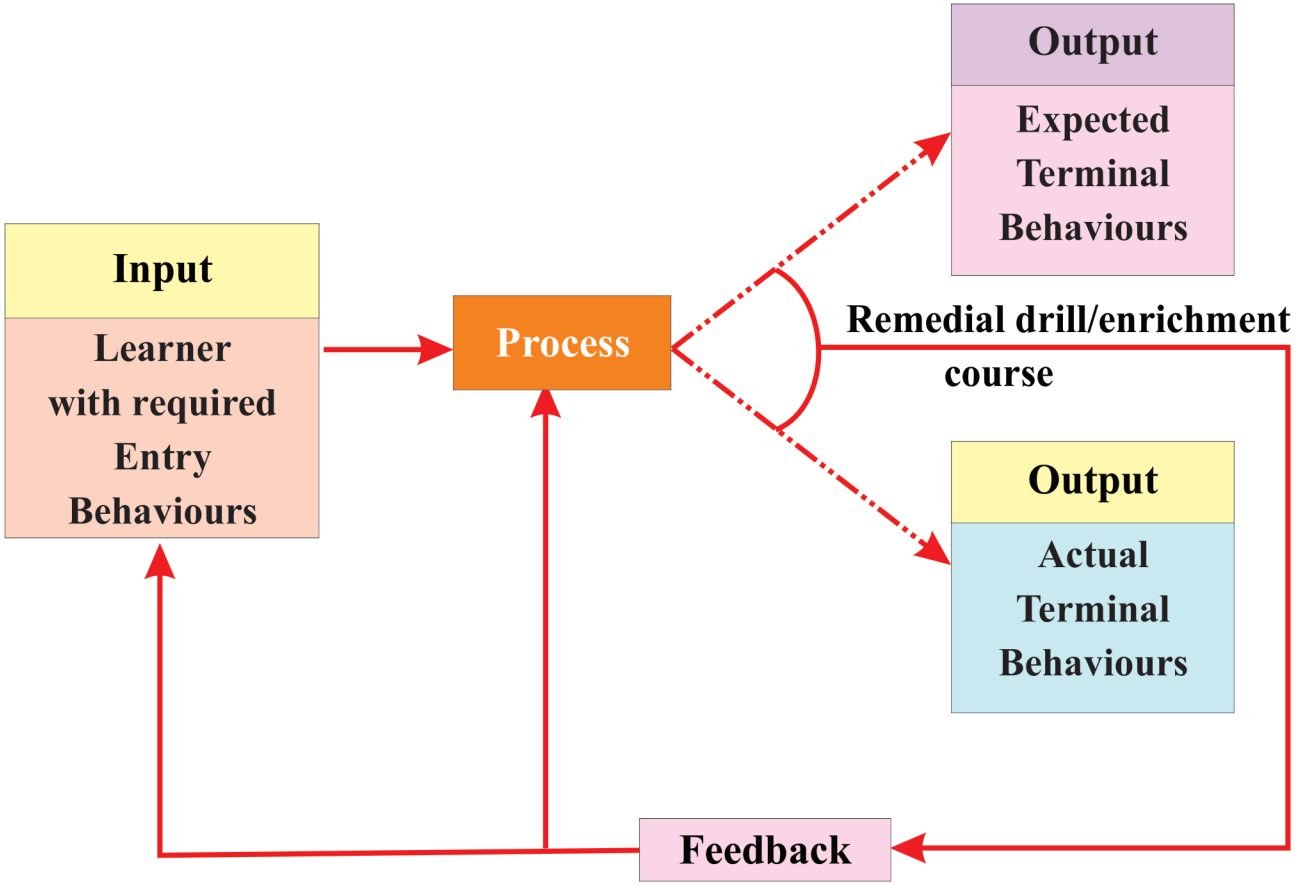

Model of an Instructional System

(Curriculum Implementation)

Computer Aided packages, Material, development for CAL, multimedia and such related skills. Each teacher has prepared 10-20 CAL for Teaching Learning Process. Continuous performance assessment is practiced at all subjects at UG and PG through log book student projects at UG and research projects at PG are initiated at all the departments. Enrichment courses, teaching beyond syllabus are practiced at all departments. Students carry out student's project

Innovation in Learning

In addition to classroom, learning is all through the academic calendar and years viz: clinical postings, by actually performing speciality wise procedures, preclinical laboratory training, practical, student projects, seminars, interactive learning, continuing medical education , Integrated Teaching ,self directed learning through use of library, internet, journals, back volumes, and tutorials, personality development skills, community interaction, participation in conferences, and through co-curricular activities.

2.3.3 How is learning made student-centric? What are the institutional strategies, which contribute to acquisition of life skills, knowledge management skills and lifelong learning?

Professional personality development lectures are conducted for life skills; knowledge management and individual learning are dealt through self-directed learning facilities provided at the institution.

Out-Patient Teaching:

a. Number of students

b. Average attendance: New and old cases

c. Total period of posting for UG students in the OP

d. Special clinics and their detail.

e. Casualty training and night emergencies

f. Organization of OP teaching

•A coordinator for hospital teaching prepares clinical postings time table of concerned years and department, allots students into batches. Departments and monitors the compliance requirements of university and regulatory

council

•The students who are posted to the department need to work in the said clinic in the prescribed hours.

•The senior Faculty allots the cases to the students for presentation and discussion.

Hospital Teaching:

a. Co-ordinator of hospital teaching- A senior professor from the clinical departments is designated as coordinator of the Hospital teaching
b. Institution-Hospital distance- The Medical College and Hospital are in the same campus
c. Resident staff: Accommodation for staff and students inside campus
d. Total Number of beds in different sections including the sub-speciality beds
e. Average number of students at a time in a given ward; their seniority and class- 8-10 students,
f. Number of hours that the student spends in the ward per day- Minimum of 3 hrs. daily
g. Number of hours that the staff spends in the wards- A teacher spends about six hours in the ward/OP/ /casualty/acute care units per day. Faculty on night duty spends about 14 hrs.

Clinical teaching:

a. Time table for Bedside clinics b. Details of Student Case sheets

The postings for undergraduates are scheduled for III & IV year. On an average 5-8 students attend the clinics at any given time. They are allotted cases by the MD Staff in the department & cases are discussed on an individual basis routinely. The cases are entered in the prescribed case history sheet and discussed before performing the treatment. All cases are shown stepwise to the facuity for their approval. The Third year students and the final year are posted in the morning. Any cases of special interest are discussed with all the students.

c. *correction of case-sheets:*

c. Corrected case-sheets: by whom?

The senior Faculties of the department with MD qualification correct and counter sign the

case sheets. The selected cases are finally recorded in the form of a record book which is certified by the unit head and HOD.

d. Periodic assessment of clinical acumen: frequency, modalities, and review

- the students are assessed periodically regarding the understanding of the subject, the method of eliciting and demonstrating the signs, clinical skills, differential diagnosis and integrated approach in arriving at diagnosis.
- Assessment of the student on the clinical side is a continuous process on a daily basis. Besides, they are assessed at the end of the course period along with regular internal assessments.
- The assessment is done on the basis of All the departments have designed and implemented continuous performance assessment card in that evaluates students learning in each component of the subject. The underperformers identified through mechanism and such similar parameters like the University examination, daily work, discussions, tutorials, home assignments, student projects and tests. Are counselled by the concerned teachers, mentors and appropriate actions IS initiated for improving the learning process on continuous basis.. In a similar way PG students are motivated and monitored through PG log book .During the regular assessment, the performance of the students is reviewed and remedial measures like making them present the cases frequently and thorough discussions will take place. The shortcomings, if any, are rectified again in the form of rapid revision classes

e. Clinico-pathological conferences

Clinico-pathological conferences are conducted between paediatric department and Pathology department and radiology department on regular intervals. If any case of academic interest is available, the same is discussed immediately. The concerned department takes part in the discussion along with the PG students of the department and diagnostic departments.

f. Frequency and details of student participation

- Daily interaction with students during clinical procedures
- Periodic viva voce and tests and clinical discussions (Class tests and Internal Assessments)

g. Details of Postgraduate grand rounds

h. Sub-specialty training facilities for UGs and also PGs

2.3.6 How does the institution ensure that the students have effective learning experiences? (Use of modern teaching aids and tools like computers, audio-visuals multi-media, ICT, CAL , Internet and other information /materials)

2.3.7 How do the students and faculty keep pace with the recent developments in the various subjects?

Students and faculty keep pace with the recent development in their respective subjects by participating in conferences, hands on experience, workshops, seminars ,continuing dental education, internet and multidisciplinary approach in learning and self-directed learning and speciality .clinics.

2.3.8 Are there departmental libraries for the use of faculty and students? If yes, how effectively are they used for the enhancement of teaching and learning?

Departmental libraries and self-directed learning are provided at each department, which provides regular and reference books specialist wise which are effectively utilized for enhancement of teaching and learning by the faculties and students .

2.3.9 Has the institution introduced evaluation of the teachers by students? If yes, how is the feedback analyzed and implemented for the improvement of teaching?

Evaluation of the each teacher is conducted through a questionnaire format, designed by the college in 4 point Liker scale. The data are analyzed for identifying the areas for improvement with each teacher and all the courses. The question wise defect contribution with each teacher is done using Pareto analyses and other 7 QC tools. The outcome is communicated to the faculty concerned. Appropriate academic support is provided to faculty for them to improve on, areas identified on continuous basis. All the teachers' TOT

program performance and defects are consolidated, discussed and necessary policy guidelines for improving the teacher performance is drawn and implements. 7QC tools, Pareto diagrams, radar scan tools are used to identify major factor contributing for defect of each teachers teaching performance

2.3.10 How are the following principles of teaching learning implemented by the institution?

a. Learner centered teaching methods.

Learner centered teaching methods are didactic lectures chair set teaching, observing, observing assisting and independently performing the skill, seminars , problem based learning, enrichment courses ,students projects , journals clubs , and other co-curricular activities.

b. ICT enabled flexible teaching system.

lCT enabled flexible teaching system are computer aided learning packages (CAL) educational CD ROMs .Lectures by power point using broad band and internet for teaching and self-learning., power point presentations, ntegrated teaching, problem based learning. Tutorials, Internet. The library also has a scanner section thereby providing all the basic needs any student would require to complete his project or thesis. The timings of the library are from 9 am to 11 pm; on general holidays it is open from 9 am to 1 pm. The library is open throughout the year except for four days. The library also boasts of students and faculty from all over India visiting the library for additional reference work. It is just a free service for all; all that they have to get is a recommendation letter from their head of Institution

c. Distance Education.

Distance Education is by procuring the academic material online .through internet and broad band and e-mail services. The College is a member of HEUNET Consortium of RGUHS (Rajiv Gandhi University of Health Sciences),

d. Self directed active learning system.

Self-directed active learning system IS provided by library services CD ROMs, broad band internet, question banks in all subjects and lecture power

points The college has good number of CAL to facilitate ICT enabled flexible teaching system viz: Video Cassettes , Audio Cassettes-, CD ROM's, E-Journals , J-GATE @ HELINET (Elsevier), Wiley Interscience

e. Problem based learning.

The nine departments have conducted total 38 PBL sessions. The college has conducted 18 integrated teaching programs

f. Evidence based Medicine.- is being initiated and is under process

g. Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.

The mission, the curriculum, incorporates excellence in knowledge skills and services. The core competencies practiced are .development of skills of relevance, knowledge at par with the global standards. All the departments have documented the competencies, knowledge and attitude required for practice of dentistry. The college collects feedback from alumni on competencies gained. such samples are collected in questionnaire developed by the college, analyzed, critical areas for improvement identified, deliberated and actions implemented for continuous improvement. The faculty was deputed for development of required skills, adequate knowledge and appropriate attitude to practice medicine.

2.3.11 Does the teaching hospital carry out an established initial assessment of the patients cared for, in terms of

a. Outpatient services? -yes

b. Emergency services?-yes

c. In-patients services?-yes

Patients undergo an established initial assessment. The institution defines the content of the assessments for the out patients, in patients and emergency patients, who can perform the assessments, the time frame within which the initial assessment is completed. The initial assessment for in-patients is documented within 24 hours or earlier as per the patient's condition or hospital policy. Initial

assessment includes screening for nutritional needs, and a result in a documented plan of care which is monitored also includes preventive aspects of the care. All patients are reassessed to determine their response to treatment and to plan further treatment or discharge.

2.3.12 Does the teaching hospital provide

a. Laboratory services as per the requirements of the patients including established laboratory quality assurance programme, and

The **laboratory services** are commensurate to the services provided, qualified and trained personnel perform and/or supervise the investigations, Policies and procedures guide collection, identification, handling, safe transportation, processing and disposal of specimens. Laboratory results are available within a defined time frame, critical results are intimated immediately to the concerned personnel, and Laboratory tests not available in the institution are outsourced to institution (s) based on their quality assurance system. The laboratory quality assurance programme is documented, includes, verification and validation of test methods, surveillance of test results, periodic calibration and maintenance of all equipments, documentation of corrective and preventive actions.

b. Laboratory safety programme?

Laboratory safety programme is integrated with the institution 's safety programme is documented ,Written policies and procedures guide the handling and disposal of infectious and hazardous materials ,Laboratory personnel are trained in safe practices and are provided with appropriate safety equipment/ devices

Fire extinguishers, stabilizers/UPS are provided in each lab. Precautionary measures, Using disposable gloves, Periodic Vaccinations, Using disposable syringes and needles, Using hypochlorite solution are practiced. The hospital waste is segregated as per the norms of Karnataka state Pollution Control Board, and the waste is disposed off by outsourcing the services through approved agent of KSPCB. In case of accidental contact/injury of the contaminated material, necessary preventive measures are taken instantly. Safety training programs are arranged to the Doctors and technicians regularly

2.3.13 Does the teaching hospital provide Imaging services as per the requirements of the patients including

a. established quality assurance programme for imaging services and

b. Established radiation safety programme?

Imaging services are provided as per the requirement of the patients.I maging services comply with the legal and other requirement.Scope of the imaging services are commensurate to the services.Adequately qualified and trained personnel perform, supervise and interpret the investigations.-list technicians .Policies and procedures guide identification and safe transportation of patients to imaging services present .Imaging results are available within a defined time frame. Critical results are intimated immediately to the concerned personnel.Imaging tests not available in the institution are outsourced.The quality assurance program for **imaging services** is documented **that includes**-verification and validation of imaging methods, surveillance of imaging results, periodic calibration and maintenance of all equipments,and the documentation of corrective and preventive actions.

Radiation Safety Programme is documented and is integrated with the institution's safety programme. Written policies and procedures guide the handling and disposal of radio-active and hazardous materials, imaging personnel are provided with appropriate radiation safety devices which are periodically tested and documented, are trained in radiation safety measures, imaging signage are prominently displayed in all appropriate locations and Policies and procedures guide the safe use of radioactive isotopes for imaging services.

The institution adopts the safety measures stipulated by BARC, Mumbai. ,Use of LEAD - aprons, screens, gloves & thyroid Collar, All the staff working in the department of Radiology are registered with BARC and provided TLD badges which are sent to BARC for radiation assessment periodically, In case, the radiation dose is more than the prescribed norm, the reasons are ascertained. Depending upon the reasons for radiation above the permitted levels, appropriate remedial measures are taken including granting compulsory leave.

2.3.14 Does the teaching hospital provide continuous and multi-disciplinary nature of patient care services?

The services offered by the institution are of multi-disciplinary nature

Patient care is continuous and multidisciplinary in nature. During all phases of care, there is a qualified individual identified as responsible for the patient's care.is coordinated in all care setting within the institution .Information about the patient's care and response to treatment is shared among medical, nursing and other care providers. Information is exchanged and documented during each staffing shift, between shifts, and during transfers between units/ departments. The patient's record(s) is available to authorized care providers to facilitate the exchange of information. Policies and procedures guide the referral of patients to other departments/ specialities.

2.3.15 Does the institution have a medical record department, staffed by trained and qualified personnel and whether the institution has a well-documented discharge process of the admitted patients?

The institution has a documented discharge process. The patient's discharge process is planned in consultation with the patient and/ or family. Policies and procedures exist for coordination of various departments and agencies involved in the discharge process (including medico-legal cases) and for patients leaving against medical advice. A discharge summary is given to all the patients leaving the institution (including patients leaving against medical advice).Discharge summary is provided to the patients at the time of discharge includes - the reasons for admission, significant findings , diagnosis and the patient's condition at the time of discharge , information regarding investigation results, any procedure performed, medication ,other treatment given, follow up advice , medication ,other instructions in an understandable manner, instructions about when and how to obtain urgent care.In case of death the summary of the case also includes the cause of death. In Information Management System Policies and procedures exist for retention time of records, data and information. Documented policies and procedures are in place on retaining the patient's clinical records, data and information. The policies and procedures are in consonance with the local and national laws and regulations. The retention process provides expected confidentiality and security. The destruction of medical records, data and information is in accordance with the laid down policy. Information Management System provides regularly carries out review of medical records. The medical records are reviewed periodically. The review uses a representative sample based on statistical

principles. The review is conducted by identified care providers. The review focuses on the timeliness, legibility and completeness of the medical records. The review process includes records of both active and discharged patients. The review points out and documents any deficiencies in records. Appropriate corrective and preventive measures undertaken are documented. Orders are written in a uniform location in the medical records. The institution identifies key indicators to monitor the clinical structures, processes and outcomes which are used as tools for continual improvement. Monitoring includes availability and content of medical records.

2.3.16 Does the institution perform medico legal/post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?

The medico legal cases pertaining to medical are treated at our hospital. The procedures for MLC cases for followed by the hospital and concerned departments. Treatment procedure of MLC cases is done in our hospital.

2.4 Teacher Quality

2.4.1 How are the members of the faculty selected? Does the college have the required number of qualified and competent teachers to handle all the courses? If not, how does the institution cope with the requirements?

Human Resource Management (HRM)- Human Resource Planning, Staff Recruitment and Orientation, Staff In-service Training and Development, Staff Training in safety Aspects, Staff Appraisal, Staff Disciplinary procedure and Grievance handling, Employee Health Needs, Employee Personal Information ,Credentialing of Medical Professionals and Credentialing of Nursing Staff are done by the HRM cell. The college has developed and implemented staff recruitment and orientation manual.

The Selection Committee for the academic position mentioned above shall consist of the following members:

(a) The top management or his nominee

(b) The Principal

(c) Head of the concerned Department; provided he is a Professor.

(d) Two professors nominated by the principal

- **Manpower Planning** is a process of reviewing the current manpower and determining the right number of persons required at every section / department, keeping in mind the current and future plans. This process will therefore lead to identifying new requirements / job position and / or identifying redundancies in the system based on such plans.
- **Recruitment:** A process of obtaining new personnel for various vacant / new positions. The following are the various modes of recruitment that may be followed: Search through placement consultants; Selection through advertisement / Electronic media; Head Hunting by HR / Usage of Existing Database; Walk in candidates.

2.4.2 How does the college appoint additional faculty to teach new programmes/ modern areas of study? How many such appointments were made during the last three years?-

Human Resource Management (HRM) - initiates need based faculties are appointed

2.4.3 What efforts are made by the management for professional development of the faculty? (eg: research grants, study leave, deputation to national/ international conferences/ seminars, training programmes, organizing national/ international conferences etc)? How many faculty have availed these facilities during the last three years?

- Faculty development programs are of continuous and ongoing nature. The programs are aimed at improving the knowledge, skills and on the job efficiency requirements of human element in organization. The programs fall under following categories. 1. Personal qualities development 2. Professional competencies developments 3. Professional teacher-skills developments 4. Development of application of professional management concepts to medical education.

- *1. Personal quality developments:* aims at improving communication, time management, empathy, interpersonal relationship, planner, service with human touch, manager skills etc.
- *2. Professional competency development:* Intra departmental regular and

frequent journal club meetings, conducting seminars, symposium, panel discussions, case studies, group discussions, professional meetings and conducting specialty conferences. Encouraging to use reset auto instructional, digital self-learning methods

3. *Professional teacher skill developments:* Curricular planning, process of learning and understanding, teaching learning experiences, lesson planning, evaluation, assessment and measurement, how to write objectives, communication skills, classroom management, evaluation technique, transactional analysis, understanding change process and implementation, using the effective media for communication and such other similar topics.

4. *Application of professional management concepts in medical education:* Decision making, group coherence, manager, team leader, change implementer, motivator, mission director etc. The above are the programs are conducted for the faculty development attended by all teaching staff.

2.4.4 Give details on the awards/ recognitions received by the faculty during the last five years? *Refer Data Sheet No-1*

2.4.5 How often does the institution organize training programmes for the faculty in the use of

a) Computers
b) Internet?
c) Audio Visual Aids?
d) Computer-Aided Packages?
e) Material development for CAL, multi-media etc.?

The college through ICT committee arranges lecture and hands on experience for the Material development for CAL, multi-media once in year.

2.5 Evaluation Process and Reforms

2.5.1 How are the evaluation methods communicated to the students and other institutional members?

During the departmental induction program students are informed of methods of evaluation and through students hand book.

- MBBS - Internal Assessment examinations are conducted twice a year one at the

end of first term and one before the final University examinations. The marks of these Internal Assessment examinations are shown to students and signature of the students will be obtained and will be displayed on the notice board.

- MD/MS - Annual examination theory and practicals are conducted and marks will be displayed on the notice board.

2.5.2 How does the institution monitor the progress of the students and communicate it to the students and their parents?

Concerned teacher/mentor monitors the progression of the students. After every such internal assessment parents are informed of the progress of the student in writing and appropriate actions specific to individual are initiated, involving parents, teachers and students

2.5.3 What is the mechanism for redressal of grievances regarding evaluation?

Students on verifying their answer books if any queries, they meet the concerned head of the department and get clarified of their grievances.

2.5.4 What are the major evaluation reforms initiated by the institution/affiliating University?How does the institution ensure effective implementation of these reforms?

Modification of existing third valuation for UG and abolition of fifth valuation for PG exams in University conducted theory examinations.

The Committee unanimously approved the abolition of existing 3rd valuation for UG and 5th Valuation of PG which was introducing from July 2007 examination onwards. The Committee recommended the average of two valuations or average of 4 valuations as the case may be considered for final computation of the results. However, the committee after going through certain discrepancies in the valuation recommended for the introduction of the following changes:

I. It was recommended to get the Under Graduate Examination papers valued in two different centres independently.
2. The custodian shall scrutinize the valuer slips whether all the questions answered by the student are valued by the valuer and totaling of the marks. If

the custodian finds that the valuer has marked as NOT ANSWERED (NA) of left blank or marked

.....( ), the custodian is authorized to check and revalued by the same valuer if there are any of the above mentioned omissions.

3. The Committee also recommended making provision for challenge valuation by the aggrieved student. In such case the answer script shall be subjected for independent valuation by a senior teacher specified by Chairman, Board of Appointment of Examiners (BOAE),. A fee of Rs.5,000/- per paper was recommended for challenge valuation and the same to be returned to the candidate in case the candidate passes in the said paper/subject.
4. While computing the marks the best of two valuation is taken and results are announced.

2.5.5 Is the feedback used for improving the quality of teaching? If yes, illustrate.

Evaluation of the each teacher is conducted through a questionnaire format; similarly course and teaching evaluation are made. The data of both are analyzed for identifying the areas for improvement with each teacher and all the courses. The same is communicated to the faculty concerned and appropriate academic support is provided to faculty for them to improve on areas identified on continuous basis.

2.5.6 Does the institution have an academic audit of the departments? If yes, illustrate.

Through monthly reporting format all the department submits department performance report to the principal. Nearly 35 points are monitored on monthly basis. Institutional academic audit is performed once annually. The audit process involves assessment of all the departments and constituent process for pre-defined objectives. The reports are placed before the management for review.

2.5.7 When are the examination results declared? Give the time frame.

Results of the IA exams are declared within 10 days of last exams in that subject. The university results are declared within 30 days in normal circumstances.

2.5.8 Does the mechanism of programme evaluation address all components (input, process, output and outcome) and context, as well as the totality of Medical Education System of

Relevance, Quality, Equity and Cost Effectiveness (social accountability of medical education)?

- The programme evaluation addresses input process and output and the totality of medical education system of relevance quality equity and cost effectiveness. The programme evaluation incorporates need assessment of the student's course evaluation, evaluation of teaching learning processes for relevance and quality and social accountability of medical education.
- Program evaluation is made by a questionnaire format and areas for improvement recognised and implemented.

2.5.9 What are some of the reforms made with reference to evaluation?(Peer evaluation, Double evaluation, Open book examination, Question Bank, Moderation, internal assessment, etc.)

All departments have prepared question bank and is available for users.

2.5.10 How is the transparency evaluation process ensured?

At institution level, all the guidelines of the affiliating university followed meticulously in evaluation at university examinations and internal assessments examinations.

2.5.11 Does the institution have continuous assessment? Specify the weightage.

Continuous performance assessment is made in all subjects through cards. The student needs to appear for viva-voce once in 15 days in this method. The internal assessment is not limited to written tests. It is relate to other items such as maintenance of records, participation in seminars and group discussions, clinical case study, proficiency in carrying out practical or clinical skill or participation in projects and assignments (even) during vacation. These are evaluated objectively and recorded in continuous performance assessment cards designed and developed by each department. A minimum of two internal assessments are held one in each term and the average of the two is sent to the university

2.5.12 Give details of the number of question papers set, examinations conducted per year.

The question papers are set by the university. However 16 theory and 18 practical papers are set by the college for every internal assessments exam.

2.5.13 What methods of evaluation of answer script does the institution follow?

As per RGUHS

2.5.14 Mention the number of malpractice cases reported and how they are dealt with.

2.5.15 Does the institution provide the photocopy of answer scripts to students?

Students are given evaluated answer scripts of all exams for their verification.

2.5.16 Give details regarding the computerization of the examination system?

The examination system is headed by Associate Dean Examinations. The question paper setting of internal assessment examinations and maintenance of marks list, examination section correspondent are all computerized.

2.5.17 What are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:

a. Compatibility of education objectives and learning methods with assessment principles, methods and practices. Assessment principles, methods and practices are well documented in affiliating university and MCI ordinances specific for each program. However any deficiencies are remedied through enrichment programs implemented by each department

b. Balance between formative and summative -ormative (internal assessment) andsummative (university examinations) evaluations are properly balanced for each subject evaluations

c. Increasing objectivity in formative evaluations

Objectivity in formative evaluations is induced by practices to consider performance parameters like, attendance, completed clinical and home assignments, participation in co-curricular activities, student projects, community integrated activities, CPA Card and PG log book

d. Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.

Formative internal assessment is based on marking method.

e. Summative (theory / orals / clinical / practical)

Summative examinations are conducted by the affiliating university two times in a year. Two examiners are appointed by the university to conduct practicals and vivavoce exams in each subject at MBBS. Of the two one is internal who is faculty of the college and other is external necessarily from colleges outside Bangalore.

At Post Graduate examinations four examiners are appointed of which two are internal

and two externals are from the colleges outside the affiliating university.

The examiners who conduct examinations need to evaluate theory answer scripts.

f. Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.

Type of questions and distribution of marks:

•Each question paper shall be of 3 hours duration, carrying maximum marks of 100.

•• There shall be three types of questions with distribution of marks as shown in Table as per **2008 MBBS**. Regulations

Type of Questions	No. of Questions	Marks per Question	Total marks
Long Essay Type	2	10	20
Short Essay Type	10	5	50
Short Answer Type	10	3	30
		Grand Total	100

g. Objective Structured Clinical Examination (OSCE)

This system is followed

2.6 Best Practices in Teaching -Learning Process

2.6.1 Detail any significant innovations in teaching/learning/evaluation introduced by the institution.

Innovation in teaching

All the faculty are trained In use of computers, internet, Audio visual aids, computer Aided packages, Material, development for CAL , multimedia and such related skills. Each teacher has prepared 10-20 CAL for Teaching Learning Process.

Innovation in Learning

In addition to classroom, learning is all through the academic calendar and years viz: clinical postings, by actually performing specialty wise procedures, preclinical laboratory training, practicals, student projects, seminars, interactive learning, continuing medical education ,Integrated Teaching, self directed learning through use of library, internet, journals, back volumes, and tutorials, personality development skills, community interaction, participation in conferences, and through co-curricular activities. Continuous performance assessment is practiced at all subjects at UG and for PG through log book tracking.

3. Criterion III: Research, Consultancy and Extension

3.1 Promotion of Research

3.1.1 Is there a Research Committee to facilitate and monitor research activity? If yes, give details on its activities, major decisions taken (during last year) and composition of the Committee.

A committee of research is constituted under IQAC whose accountability is clearly defined. Appropriate numbers of both male and female student members are nominated to this committee which meets periodically to review ,facilitate ,implement research activities; few of the major decision taken in the recent meetings are –

- Research policy for the institution is decided.
- proactive students projects with seed money funding by the management initiated on continuous basis
- Department wise need based procurement of journal quantified and policy generated.
- Motivation and incentives for contribution towards research is redefined

3.1.2 How does. the institution promote faculty participation in research? (Providing seed money, research grants, leave , other facilities)

Institution encourages faculty to apply for Research grants from National and International bodies.

The institution promotes faculty participation in research through research committee which monitors varied activities under IQAC

- Faculties are given study leave and seed money
- By providing research facilities such as access to, ICT consumables chemicals, equipment, Laboratories ,patients ,hospital facilities, investigational and library facilities promotes research culture.
- faculty development activity committee monitors the concerned activities like attending conferences ,conducting seminars symposiums, journal clubs, workshops
- By recognizing best papers published in journals on appropriate platforms. The college has provided assistance to carry out student projects, appropriate leave are sanctioned for research work. They are encouraged to use ICT ,lab ,hospital and EDP facilities for the said work

3.1.3. Does the institutional budget have a provision for research and development? If yes, give details.

The college has earmarked Rs.50,00,000/- research budget for utilization for faculty and student research. In addition another Rs.25,00,000/- for faculty development activities ,viz attending and conducting conferences.

3.1.4 Does the institution promote participation of students in research activities? If yes, give details.

Institution encourages students to participate in Research. Students take part in ICMR Projects for medical students

UG and PG students are represented on research committee. The college has reserved Rs.50,00,000/- as seed money to promote research participation of faculties and students

As part of curriculum the PG students, participate in research through their dissertation, the UG students through UG project work and faculties continue research in thrust area of their work. For details of ***Awards*** **Refer Data Sheet No-*1***

3.1.5 What are the major research facilities developed on the campus?

The College & Hospital has all the infra structure for research all allied branches of medicine.

The college is a Post Graduate and research centre. A good number of researches are done in all departments. All the departments have advanced clinical facilities and good number of patients avail these services. In addition full time basic sciences in medical subjects coordinate these activities with the advanced facilities provided. the college has central research laboratory

CENTRAL RESEARCH LABORATORY

Advances in medicine and science come from new ideas and approaches developed through research.Central Research Laboratory is a facility that provides centralized clinical research infrastructure to benefit investigators in multiple disciplines across Rajarajeswari Medical College and Hospital. Located on the second floor of the college building, our mission is to provide a comfortable, safe and effective environment to conduct professional, high-quality research involving human subjects. This is achieved by providing the necessary environment, equipment and personnel to optimize research goals. The Clinical Research Office is a centralized team that handles clinical research projects involving human subjects. CRL acts as a single point of contact for investigators to accelerate study start-up.Central Research Laboratory provides structured environment where researchers, postgraduates and clinicians can work together on projects that are relevant and fundamentally important.

The facilities for research currently include:

2DE ElectrophoresisProteomics service

2D gel electrophoresis has been around a while but is still the best method for resolving complex mixtures of proteins and Haemoglobin for discovery and characterization

Immunoassay analysis

Immunoassays have been widely used in many important areas of pharmaceutical analysis such as diagnosis of diseases, therapeutic drug monitoring, and clinical pharmacokinetic and bioequivalence studies in drug discovery.

Immunohistochemistry

Immunohistochemistry is a method of detecting the presence of specific proteins in cells or tissues. It is widely used in basic research to understand the distribution and localization of biomarkers and differentially expressed proteins in different parts of a biological tissue

Fluorescence microscopy

Fluorescence microscopy is an important optical tool within life sciences to monitor dynamic cellular processes in living specimens. This imaging technique provides insights into specific aspects of often complex cellular functions.

Cardiac autonomic neuropathy analysis

Autonomic neuropathy is one of the complications in diabetic patients, which may also involve cardiovascular system. To detect the prevalence of QTc prolongation in diabetic and non-diabetic patients as well as its correlation with diabetic autonomic neuropathy.

Computerized Cardiopulmonary exercise Test

The assessment of exercise capacity before major non-cardiac surgery is recommended to help improve risk prediction perioperatively at the individual patient level.

Digital Spirometer

Spirometry is also invaluable for disease monitoring, screening and assessment of fibrotic, occupational, obstructive and other lung diseases.

Clinical trials

Clinical trials are research studies that evaluate new medical approaches and increase scientific understanding of a wide variety of diseasesScientists may conduct clinical trials to accomplish a variety of research goals. The different types of clinical trials are:

- Treatment trials, which test new drugs, medical devices, medical procedures, or combinations of treatments
- Prevention trials, which look for better ways to prevent diseases through medicines, vaccines, vitamins, minerals, or lifestyle changes
- Screening trials, which look for new ways to test for the presence of a disease or health condition
- Quality of life trials, which explore ways to improve comfort and quality of life for chronically ill individuals

HPLC

High-performance liquid chromatography (sometimes referred to as **high-pressure liquid chromatography**),**HPLC** (or just **LC**), is a chromatographic technique used to separate a mixture of compounds in analytical chemistry and biochemistry with the purpose of identifying, quantifying or purifying the individual components of the mixture. HPLC is considered an instrumental technique of analytical chemistry (as opposed to a gravitimetric technique). HPLC has many uses including medical (e.g. detecting vitamin D levels in blood serum), legal (e.g. detecting performance enhancement drugs in urine), **research** (e.g. separating the components of a complex biological sample, or of similar synthetic chemicals

from each other), and manufacturing (e.g. during the production process of pharmaceutical and biological products).

EEG/ENMG/EP

EEG, or electroencephalogram, is a tool we use to image the brain while it is performing a cognitive task. This allows us to detect the location and magnitude of brain activity involved in the various types of cognitive functions we study. EEG allows us to view and record the changes in your brain activity during the time you are performing the task. Images are acquired by using electrodes to monitor the amount of electrical activity at different points on your scalp. The research will benefit our knowledge about the function of the human brain. EEG measures voltage fluctuations resulting from ionic current flows within the neurons of the brain. In clinical contexts, EEG refers to the recording of the brain's spontaneous electrical activity over a short period of time, usually 20–40 minutes, as recorded from multiple electrodes placed on the scalp. Diagnostic applications generally focus on the spectral content of EEG, that is, the type of neural oscillations that can be observed in EEG signals. In neurology, the main diagnostic application of EEG is in the case of epilepsy, as epileptic activity can create clear abnormalities on a standard EEG study. A secondary clinical use of EEG is in the diagnosis of coma, encephalopathies, and brain death. A third clinical use of EEG is for studies of sleep and sleep disorders where recordings are typically done for one full night, sometimes more. EEG used to be a first-line method for the diagnosis of tumors, stroke and other focal brain disorders, but this use has decreased with the advent of anatomical imaging techniques with high (<1 mm) spatial resolution such as MRI and CT. Despite limited spatial resolution, EEG continues to be a valuable tool for research and diagnosis, especially when millisecond-range temporal resolution (not possible with CT or MRI) is required.

Derivatives of the EEG technique include evoked potentials (EP), which involves averaging the EEG activity time-locked to the presentation of a stimulus of some sort (visual, somatosensory, or auditory). Event-related potentials (ERPs) refer to averaged EEG responses that are time-locked to more complex processing of stimuli; this technique is used in cognitive science, cognitive psychology, and psychophysiologicalresearch

We are also in the process of establishing a genomics Lab,Our goal at RajaRajeswari Medical College and Hospital is to translate research findings quickly into clinical care that benefits all patients.

3.1.6 Give details of the initiatives taken by the institution for collaborative research (with national/ foreign Universities/ Research/Scientific organisations / Industries / NGOs).

Efforts are on way to have affiliation with various Inter National Universities and National Organizations .

3.1.7 Does the institution subscribe research journals for reference as per the different departmental requirements?

Refer Fact Data Sheet .No- 19

3.1.8 What are the initiatives of the institution in the following areas to facilitate a research culture?

Training in Research methodology.

- Conducting regularly training in Research Methodology immediately after the closer of P.G admissions for each batch.
- Motivate them for research by sensitizing them for research lecture.
- Facilitate them to attend CME/State conference/National conference and International conference
- Conduct workshops.
- Provide library facilities and research papers.
- Access to e-library
- Hospital facilities.

a. By providing

- Equipment needed for the research
- There is a research committee, ethical committee, animal ethical committee to guide and facilitate research in various fields.

c. Development of scientific temperament.

To develop the scientific interest and temperament for Research, every eligible faculty has identified a topic of research synopsis submitted to research committee and ethical clearances are given.Neccessary research budget allotted and is kept at the disposal of research committee and concerned Head of the Department. ,the college has initiated weekly scienctific sessions common for all faculty and such events for the year is planned.Training in the institute is fashioned in such a way that the scientific queries regarding basic science and clinical practice are generated. Questions about a disease and its diagnosis and therapy are raised in a clinical setting and answers obtained by using scientific methods in the laboratory and then translated into clinical practice. In this way the inquisitiveness is generated and augmented among the faculty and students.

d. Research Committee. : The college has research committee with UG and PG student representation for student centric learning

Medical Ethics Committee. –has medical ethics committee

e. Research collaboration with Pharmaceutical, Bio Medical and other Industries.

The college has research collaborations with Pharmaceutical, Bio Medical and other Industries.

f. Research linkages with other Institutions, Universities and centers of excellence. (National and International).

g. Research programmes in Basic Sciences, Clinical and Operational research, Epidemiology, Health Economics etc.

Most of the research conducted fall under Basic Sciences, Clinical and Operational res

Most of the research conducted fall under Basic Sciences, Clinical and Operational research, Epidemiology, Health Economics

3.2 Research and Publication Output

3.2.1 Give details of the research guides and research students of the institution (Number of students registered for Ph.D. and M. Phil., fellowship/scholarship, funding agency, Ph.Ds and M.Phils awarded during the last five years, major

3.2.2 Give details of the following:

a) Departments recognized as research centres

. In the process of development

b) Faculty recognized as research guides

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA

REPORT OF REGISTRATION STATUS OF DISSERTATION TOPICS

2012-2013 ACADEMIC YEAR

FACULTY: MEDICAL REGULAR RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL, BANGALORE.

Sl No	Name of the Candidate	Guide Name & Designation	Title
Course: General Medicine			
1	Dr.Abhishek M	Dr.Mamatha B Patil	A One year cross sectional study of correlation of clinical parameters with serum high sensitivity reactive protein as a predictor of severity of disease in chronic obstructive pulmonary disease.
2	Dr.Sandeep.T	D.Ajit Kumar	A study of Asymptomatic Fatty liver disease in relation to clinical features, serum levels of c-reactive protein and other laboratory profile.
3	Dr.Srikanth Redddy	Dr.Krishna M V	Study of Carotid Artery Intima-Media Thickness and Atherosclerotic Risk Profile in patients with acute Ischemic stroke.
4	Dr.Arigala Ganesh	Dr.Ajit Kumar	Clinical and Laboratory profile of Asymptomatic Bacteriuria in Women with type 2 Diabetes Mellitus
5	Dr.R.Katyaini	Dr.Vijay M B	Comparative Study of Dyslipidemia in Type 2 Diabetes Mellitus Patients with and without Associated Hypothyridism
6	Dr.Suraj Das	Dr.Krishna M V	Study of Carotid Artery Intima Media thickness in relation with Atherosclerotic Risk Factors in patients with pre diabetes and type 2 diabetes mellitus.
7	Dr.Singh Neetiraj Lalshriraj	Dr.Vijay M B	Clinical and Biochemical Profile in lean type 2 Diabetes Mellitus with BMI< 18.5 kg/m2.

8	Dr. Tarapatla Sandeep	Dr.Chikkananjaiah	A Study of Cardiorenal Syndrome in Heart Failure
Psychiatry			
1	Dr.Girish Kumar M N	Dr.Amar Bawle	A Study of Psychosocial Profile of Patients' Attendants in the Medical ICU of Tertiary care hospital.
2	Dr.Akshay Phatak	Dr.Sudhir Hebbar	A Study of Anxiety and Depressive Disorders in Adult patients with chronic tension type headache at a tertiary care hospital.
Dermatology			
1	Dr.Megha C	Dr.Umashankar	Clinico Epidemiological study on acro facial depigmentation
2	Dr.Amrutha Subramanya	Dr.Vivekanan da	Effect of time of initiation of oral valacyclovir with respect to pain associated with herpes zoster.
Course: General Surgery			
1	Dr.Sharika Chandran	Dr.Naveen.S	Study of Lateral Sphincterotomy under regional anesthesia in the treatment of fissure in ano in a tertiary care hospital, A comparative study.
2	Dr.Vilas Crithic H V	Dr.K S Hanumanthaiah	Study of Clinicopathological evaluation, management and outcome hollow viscus perforations in Rajarajeswari Medical College & Hospital.
3	Dr.Nikhil.S	Dr.B.J.Sreekantaiah	A Comparative study of Lateral Sphinocterotomy 2% Diltiazem Gel Local Application in the Treatment of chronic Anal fissure.
Course: Orthopedics			
1	Dr.Arun Kumar C	Dr.Roshan Kumar B N	Results of Surgical treatment of pediatric Diaphyseal Fracture of Long bones using Intramedullary elastic nail at Rajarajeswari Medical College & Hospital, Bangalore.
Course: Ophthalmology			
1	Dr.Chenchireddy Malapati	Dr.Anupama K	A Comparative study of fibrin glue, suturing and suture less/glue free limbal conjuctival auto graft for primary pterygium surgery.
2	Dr.Manisha	Dr.Kaushal	A Comparative study of post operative astigmatism with straight and frown corneoscleral tunnel in small incision

	Wahab	Kumar	cataract surgery.
3	Dr.Gaurav Chowdhury	Dr.Shiva Kumar	A Study of corneal injuries in a tertiary care hospital.
4	Dr.Aadith Bhaskar	Dr.Shivakumar	Role of intraregional trimcinolone acetonide injection in management of chalazaion
Course: E N T			
1	Dr.Roshna Moyin	Dr.T.Nagaraj	A comparative study of endoscopic assisted myringoplasty with conventional myringoplasty
2	Dr.Shivanagouda C Patil	Dr.V.Srinivas	A clinical study of benign lesions of Pinna.
Course: Anesthesia			
1	Dr.Rahul R	Dr.Rangalakshmi	Assessment of depth of anesthesia and awareness during General Anesthesiausing Evan's score and Bispectral index monitoring
2	Dr. Aarti Balakrishnan	Dr.Sahajananda	Efficiency of continuous infraclavicular brachial plexus block in postoperative pain control after upper extremity orthopedic surgery.
3	Dr.Hormise Stephen	Dr.Sahajananda	A comparative study of respiratory mechanics and hemodynamic stability in patients undergoing laparoscopic surgery; Proseal Laryngeal mask airway versus the I – Gel.
Course: Radio Diagnosis			
1	Dr. Anuprakash M S	Dr.Pravin G U	A study of combination of mammography an sonomammography in evaluating palpable breast masses.
2	Dr.Naresh Nikhil B L	Dr.Munirathna	Role of MRI as a diagnostic tool in evaluating internal derangements knee compared to arthroscopy.
3	Dr.Ashwin Chandrashekar	Dr.Saroja R K	Role of High frequency ultrasonography in the correlative study of thyroid diseases with histopathology report.
Course: Pediatrics			
1	Dr.Nanditha R	Dr.Adarsh E	Study of vitamin D status in term new born infants

2	Dr.Karthika Arigela	Dr.Prema R	Vitamin D Status among over weight and obese adolescents
3	Dr.Hanumanthu Vishnupriya J	Dr.Tamil Selvan	Clinical and Echo cardiographic profile of congenital heart disease infant at a tertiary care hospital
4	Dr.Suramanian V	Dr.Adarsh E	Clinico-Etiological profile of thrombocytopenia in Tertiary care centre
5	Dr.Sebastian Paul	DR.Tamil Selvan	Study of vitamin D status in children with severe pneumonia in the age group 1 – 5 years
6	Dr.Harikah P P	Dr.Prema R	A Clinico Hematological profile Nutritional Anemia among Adolescents in a Tertiary care centre.
7	Dr.Jeswin Chandrashekar	Dr.Y.Sreekrishna	Role of serum electrolytes, glucose calcium magnesium and zinc as routine investigations in a case of febrile convulsion.
Course: OBG			
1	Dr.Sindhura.B	Dr.Suhasini Akash	Foetal Safety and the duration of first stage of labour with a single dose of I V injection hyoscine butylbromide versus I V injection drotaverine hydrochloride in a Rajarajeswari Medical College & Hospital.
2	Dr.Rooplata	Dr.Nagarathnamma.R	A Prospective study of oral Nifedipine Vs intravenous isoxsuprine as tocolytic drugs in arresting preterm labour in patients attending a tertiary care hospital.
3	Dr.Amitha N	Dr.Rupkala	A Prospective study of Umbilical cord coiling index as a marker of perinatal outcome at Rajarajeswari Medical College & Hosptial.
4	Dr.Sreehari Arun kumar	Dr.M P A Sailakshmi	Assessment of cervical funnelling and cervical length in pregnant women with threatened preterm labour and outcome.
Course: MD ANATOMY			
1	Dr. Pavan Kumar Sisodia	Dr. Balakrishna, Professor	“STUDY OF GROSS ANATOMY AND METRICAL ANALYSIS OF CORONARY SINUS IN HUMAN HEART”.
2	Dr. Sangeetha		
Course: MD PHYSIOLOGY			

1	Dr. Neelkanth Kote	Dr. Mary Prem Jayarajan, HOD of Physiology	"A COMPARATIVE STUDY OF GLOMERULAR FILTRATION RATE (GFR) IN NORMAL SUBJECTS AND TYPE II DIABETES MELLITUS PATIENTS IN BANGALORE".
2	Dr. Shilpa M	Dr. M D Ranganath	"COMPARATIVE STUDY OF SHORT TERM MEMORY BY VISUAL TASK IN YOGA PRACTITIONERS AND NORMAL SUBJECTS".
3	Dr. Ujwala N Jagdale	Dr. K J Vedavathi, Professor	"A COMPARATIVE STUDY OF ANAEMIA WITH THE DEGREE OF GLYCAEMIC CONTROL IN TYPE 2 DIABETES MELLITUS".
4	Dr. Jayasheela		
Course: MD BIOCHEMISTRY			
1	Dr. Deepa M	Dr. Priyadarshini K S	"STUDY OF SERUM LIPID PROFILE AND LIVER ENZYMESIN ULTRASOUND DIAGNOSED CASES OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD)".
2	Dr. Mamatha V	Dr. H V Shetty, HOD of Biochemistry	"STUDY OF G6PD, ZINC AND HBAIC LEVELS IN TYPE 2 DIABETES MELLITUS PATIENTS AT RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL, BANGALORE".
Course: MD PATHOLOGY			
1	Dr. Amit Bharu	Dr. Usha Ramachandra, Principal	"HISTOPATHOLOGICAL STUDY OF SOFT TISSUE TUMOURS AT RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL".
2	Dr. Ankur Gupta	Dr. S P Sharmila, Professor	" SPECTRUM OF BENGIN BREAST DISEASES IN WOMEN OF REPRODUCTIVE AGE GROUP IN TERTIARY CARE HOSPITAL, BANGALORE".
3	Dr. Jeena Johns	Dr. Usha Ramachandra, Principal	"HISTOMORPHOLOGICAL PROFILE IN LEPROSY CASES AT RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL".
4	Dr. Dhaval J	Dr. T. Rajaram ,	"A CLINICO-PATHOLOGICAL STUDY OF PATIENTS UNDERGOING HYSTERECTOMY AT A

	Prajapati	HOD of Pathology	TERTIARY CARE HOSPITAL, BANGALORE".
5	Dr. Paul M F	Dr. Mahanthachar V	"INCIDENCE OF HASHIMOTO'S THYROIDITIS IN FINE NEEDLE ASPIRATION CYTOLOGY AND THYROIDECTOMY SPECIMENS AND ITS CORRELATION WITH THYROID FUNCTION TEST IN A TERTIARY CARE HOSPITAL IN BANGALORE".
Course: MD MICROBIOLOGY			
1	Dr. Harshika Y K	Dr. K C Rathish	"MICROBIOLOGICAL PROFILE OF CHRONIC SUPPURATIVE OTITIS MEDIA – AEROBIC CULTURE AND EVALUATION".
2	Dr. Shalini S	Dr. D G Suresh	"COMPARATIVE EVALUATION OF THE PERIPHERAL SMEAR EXAMINATION BY LEISHMAN STAIN, FLUORESCENT STAIN AND IMMUNOCHROMATOGRAPHIC TEST IN DIAGNOSIS OF MALARIA IN A TEACHING HOSPITAL".
Course: MD PHARMACOLOGY			
1	Dr. Naveen Poojar C M	Dr. Bhasavaraj Bhandare, HOD of Pharmacology	"A PROSPECTIVE STUDY OF ANTIMICROBIAL PROPHYLAXIS IN LOWER SEGMENT CESAREAN SECTION IN A TERTIARY CARE HOSPITAL".
2	Dr. Poornima B	Dr. A R Kalamdani	"STUDY OF PRESCRIBING PATIERN OF ANTIHYPETENSIVE DRUGS IN ELDERLY PATIENTS IN A TERTIARY CARE HOSPITAL, BANGALORE".
Course: MD FORENSIC MEDICINE			
1	Dr. Geetha Priya P	Dr. C Chandrashekar aiah	"AN AUTOPSY STUDY OF HEAD INJURY CASES WITH SPECIAL REFERENCE TO INTRACRANIAL HEMORRHAGES".
2	Dr. Kalai Selvi L T	Dr. C Chandrashekar aiah	"A STUDY OF PATTERN OF INJURIES PRODUCED BY SHARP WEAPON IN HOMIC DEATHS SUBJECTED FOR AUTOPSY".
3	Dr. Geraldine Sanjay	Dr. C Chandrashekar aiah	"MEANS OF IDENTIFYING A DEAD INDIVIDUAL AN AUTOPSY BASED STUDY DONE AT RRMC & H".

4	Dr. Punitha R	Dr. Pradeep Kumar M V	"A STUDY OF HOMICIDAL ASPHYXIAL DEATHS AUTOPSIED AT RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL, BANGALORE".
Course: MD COMMUNITY MEDICINE			
1	Dr. Kruthika N	Dr. Shashikala Manjunatha	"A STUDY OF PRIMARY IMMUNIZATION COVERAGE AMONG INFANTS IN RURAL AREAS USING LOT QUALITY ASSURANCE SAMPLING TECHNIQUE".
2	Dr. R Sharada	Dr. Damayanthi M N	"A STUDY OF CLINICO- EPIDEMIOLOGICAL FACTORS FOR PREGNANCY INDUCED HYPERTENSION AMONG ANTENATAL MOTHERS: A HOSPITAL BASED STUDY".
3	Dr. Kanchanaganga H K	Dr. Jayanth Kumar K	"A STUDY OF KNOWLEDGE AND PRACTICE OF MENSTRUAL HYGIENE AMONG ADOLESCENT SCHOOL GIRLS IN RURAL AND URBAN FIELD PRACTICE AREA OF RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL, BANGALORE".
4	Dr. Kaushik K N	Dr. Jayanth Kumar K	"A STUDY OF PREVALENCE OF HYPERTENSION AMONG BANK EMPLOYEES OF BANGALORE URBAN DISTRICT".
5	Dr. Sandeep H	Dr. Shashikala Manjunatha	"a STUDY OF THE MORBIDITY PROFILE FO CONSTRUCTION WORKERS IN BANGALORE URBAN DISTRICT".
6	Dr. Vidya B	Dr. Damayanthi M N	"A STUDY OF SPUTUM SMEAR CONVERSION RATE OF PULMONARY TUBERCULOSIS PATIENTS ATTENDING DESIGNATED MICROSCOPY AND TREATMENT CENTRE IN BANGALORE URBAN DISTRICT".

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL, BANGALAORE
REPORT OF REGISTRATION STATUS OF DISSERTATION TOPICS 2011-2012 ACADEMIC YEAR

FACULTY: MEDICAL Regular

Sl.	Name of the	Guide Name and	Title
Course: MS Anatomy			
1	SUPRAJA SRIVATSAVA	DR. SATHYA MURTHY. B Desg :	"STUDY OF PALMAR DEMATOGLPHICS IN TYPE 2 DIABETES MELLITUS IN A
2	BHARATHI D	DR. KOMALA .B Dest: PROFESSOR	"A NASAL ENDOSCOPIC STUDY OF ANATOMICAL VAIATIONS OF THE
Course: MD PHYSIOLOGY			
3	GOPI KUMAR M S	DR. MARY PRE JAYARAJAN Desg: PROF & HOD	"CORRELATION BETWEEN HIGHSENSITIVITY C-REACTIVE PROTEIN AND LIPOPROTEIN (A) WITH THE DEGREE OF GLYCEMIC CONTROL
4	REKHA K N	DR. RANGANATH M D Desg: PROFESSOR	A COMPARATIVE STUDY OF AUDITORY AND VISUAL REACTION TIME BETWEEN NORMAL AND
Course: MD BIOCHEMISTRY			
5	REENA R	DR. S M R USHA Desg: PROFESSOR	STUDY OF PARAOXONASE, MYELOPEROXIDASE ACTIVITIES AND MALONDIALDEHYDE
6	MANJULA K S	DR. H V SHETTY Desg: PROF. & HOD	STUDY OF SERUM FERRITIN AND GLYCATED HEMOGLOBIN IN TYPE 2 DIATETES MELLITUS IN TERTIARY
Course: MD PHARMACOLOGY			
7	VINAY KUMAR	DR. BASAVARAJBHAN DARE Desg: PROF.	A PROSPECTIVE STUDY OF DRUG PRESCRIBING
8	JYOTIRMOY ADHIKARY	SATYANARAYAN A V Desg: PROFESSOR	A PROSPECTIVE STUDY TO COMPARE THE EFFICACY AND SAFETY OF TOPICAL ISOTRTINOIN AND TOPICAL CLINDAMYCIN VERSUS TOPICAL ADAPALENE AND TOPICAL
Course: MD PATHOLOGY			
9	NIKITHA VALERIN A	S P SHARMILA Desg: PROFESSOR	"STUDY OF SPECTRUM OF NEOPLASTIC AND NON NEOPLATIC LESIONS IN
10	MITIKA SHRIVASTAVA	DR. RAJARAM T Desg: PROF & HOD	"ETIOPATHOLOGICAL SPECTRYM OF ANAEMIAS IN THE WOMEN OF REPRODUCTIVE AGE GROUP ATTENDING"
Course: MD MICROBIOLOGY			
11	KANT HISH REE B	DR. SANGEETHA S Desg:ASSO. PROF	"COMPARATIVE DETECTION OF NSI ANTIGEN BY CAPTURE ELISA AND IMMUNOCHROMATOGRAPHY IN
12	KAUSALYA R	DR. SURESH D G Desg: PROF & HOD	DETECTION OF CARBAPENEMASE AND METALLO-BETA-LACTAMASE RPODUCTION IN CLINICAL ISOLATES OF
Course: MD PREVENTIVE & SOCIAL MEDICINE			

13	SOWMYA B C	DR. SHASHIKALA M Desg: PROF. & HOD	" A STUDY OF SOCIO-DEMOGRAPHIC PROFICE AND UTILIZATION OF ADOLESCENT CLINIC OF PRIMARY
Course: MD FORENSIC MEDICINE			
14	JAGADEESH H	DR. C CHANDRASHEKAR	"POSTMORTEM STUDY OF NECK INJURIES IN HANGING CASES AT"
Course: MS OPHTHALMOLOGY			
15	VISHMA PRABHU	DR. ANUPAMA K Desg: ASSOC. PROF	"COMPARATIVE EVALUATION OF POSTERIOR CAPSULE OPACIFICATION WITH SQUARE
16	NAREN SHETTY	DR. PANDU S Desg: PROF & HOD	"CORRELATING BETWEEN VISUAL ACUITY IN DIFFUSE RETINAL THICKENING AND OTHER TYPES OF DIABETIC
Course: MS ENT			
17	RITESH MAHAJAN	DR. T M NAGARAJ Desg: PROF & HOD	" A PROSPECTIVE STUDY TO COMPARE THE EFFICACY OF POWERED TURBINECTOMY VERSUS SUBMUCOUS RESECTION IN THE
Course: MS ORTHOPAEDICS			
18	SAIKIRAN BALAGONDI	DR. ROSHAN KUMAR B N Desg: PROF & HOD	"EFFICACY OF ARTHROSCOPIC JOINT DEBRIDEMENT IN OSTEOARTHRITIES KNEE WITH
Course: MD ANAESTHESIOLOGY			
19	SUDHIR RAO S	DR. RANGALAKSHMI S Desg: PROF &	ATTENUATION OF HEMODYNAMIC RESPONSE TO INTUBATION BY
20	KAVITHA N	DR. H SAHAJANAND Desg: PROFESSOR	"COMPARATIVE STUDY OF SEVOFLURANCEDEXMEDINE VERSUS SEVOFLURANCEFENTANYL AS ADJUVANTS WITH RPOPOFOL FOR LARYNGEAL MASK AIRWAY

Course: MD PAEDIATRICS			
21	JAIJU JAMES CHAKOLA	DR. PREMA Desg: PROFESSOR	"A STUDY OF NUTRITIONAL RISK FACTORS AND PLASMA ZINC LEVEL IN CHILDREN WITH ACUTE LOWER
22	AKASH S	DR. ADARSH E Desg: PROF & HOD	"SCREEINING FOR RETINOPATHY OF PREMATURITY IN PRETERM BABIES <35 WEEKS AND BIRTH WEIGHT < 2KG. IT'S RISK FACTORY ANALYSIS AT
Course: MD GENERAL MEDICINE			
23	UDAYS HANKA R R HIREG	DR. VIJAYA M BENGALORKAR Desg: PROFESSOR	"PREDICTION OF VENTILATOR SUPPORT IN ORGANOPHOSPHORUS COMPOUND POISONING".
24	SAURAV DAS	DR. KRISHNA M V Desg: PROF & HOD	"STUDY OF CLINICAL AND ECHOCARDIAGRAPHIC PROFILE IN PATIENTS WITH CHRONIC KIDNEY DISEASE"

Course: MS GENERAL SURGERY			
25	YASASWINI H	DR. B J SREEKAN TAIAH	A CLINICOPATHOLOGICAL STUDY AND MANAGEMENT OF SOLITARY THYROID NODULE IN RAJARAJESWARI MEDICAL
26	SIDDHARTH	DR. KAJEKAR JAGANMAYA Desg: PROFESSOR	A CLINICOPATHOLOGICAL STUDY AND MANAGEMENT OF BENIGN BREAST DISEASES IN BOTH MALE AND FEMALE IN RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL, BANGALORE.
27	MUKESH KAKKAR	DR. VENKATESH S	A CLINICAL STUDY AND MANAGEMENT OF CALCULOUS CHOLECYSTITIS IN
Course: MD OBG			
28	MUNDLUR SIRISHA	DR. R NAGARATHNAMMA Desg: PROF & HOD	"TO STUDY THE ACCURFACY OF PAP SMEAR, VISUAL INSPECTION OF THE CERVIX WITH A ACENTIC ACID AND LUGOL'S IODINE IN DETECTING PRECANCEROUS LESIONS OF THE
29	M UMA RANI	DR. SAI LAKSHMI Desg: PROFESSOR	"ROLE OF HYSTEROLAPAROSCOPY IN EVALUATION OF PRIMAY
Course: MD RD			
30	ANDREW JOHN S	DR. R RAMESH KUMAR Desg: PROFESSOR	HYSTEROSCONOSALPHINGOGRAM AND HYSTEROSALPHINGOGRAM IN THE DIAGNOSIS OF TUBAL PATENCY IN INFERTILIGY PATIENTS.
31	PRAJWAL LAKKOS P S	DR. R K SAROJA Desg: PROF. & HOD	"SPLEEN/KIDNEY RATIO IN THE ASSESMENT OF MILE SPLENOMEGALY".
Course: MD PSYCHIATRY			
32	VIDYAVATHI M	DR. AMAR BAVLE Desg: PROFESSOR	PSYCHOLOGICAL DISTRESS AND PSYCHIATRIC MORBIDITY IN WOMEN BEFORE AND AFTER HYSTERECTOMY-STUDY DONE IN A TERTIARY CARE HOSPITAL".
Course: MD DERMATOLOGY			
33	SYEDA JUWARIAYA TASNEEM	DR. VIVEKANANDA Desg: PROF. & HOD	"CLINICAL PROFILE OF LINEAR DERMATOSES EMPHASIZING ON THEIR PRESENTATION ALONG THE BLASHCO'S LINES".

Dr.Rajagopalan, HOD, Orthopaedics recognize by RGUHS.

c) Priority areas for research: Basic Sciences, Clinical Trials and Clinical Subjects

d) Ongoing Faculty Research Projects (minor and major projects ,funding from the Government, UGC, DST, CSIR, AICTE, Industry, NGO or International agencies)

Refer Fact Data Sheet .No- 2

e) Ongoing Student Research Projects (title, duration, funding agency, total funding received for the project).Applications submitted.

Refer Fact Data Sheet .No- 22

3.2.3 What are the major achievements of the research activities of the institution (findings contributed to subject knowledge, to the Industry needs, community development, patents etc.)?

The institution has initiated active research culture among both teachers and UG, PG students. All the eligible faculties have identified research topics and the college provides seed money. Also students participate in research through dissertations which are mandatory part of curriculum. The college has published RajaRajeswari **Journal of Medical Sciences** Jan-April 2013| Volume 1 | Issue 1, with **ISSN.NO.2321-354X.** The fill details of varied departments are provided in fact data sheet.

List of Publications **Refer Fact Data Sheet .No- 19**

3.2.4 Are there research papers published in refereed journals by the faculty? If yes, give details for the last five years including citation index and impact factor.

Awards-43,Faculty Research topics -.116, International publication -80, National publication -124, International Presentation -39, National-Presentation-49, INT.CHAIR-13, National chaired-48, BOOKS authored -18, Conferences Attended-501, Conferences conducted -102, Services - 204, Extension activities -76, Enrichment courses -81, approved guides -67, ongoing projects -122,project completed -77, problem based learning -287, journal subscribed ?-212, Distinguished achievements -51, , Dissertation topics -95, Tutorials-430, Stud projects -55, Spl clinic-22,

3.2.5 Give list of publications of the faculty.

For detail s of ***publications Refer Data Sheet No-3 and 4 , For***

Services- ***Refer Data Sheet No -12***

a. Books – ***Refer Data Sheet No-9***

The college has developed 634 **power** points for regular use

f. Any other (specify)

3.2.6 Give the highlights of the collaborative research done by the faculty

The management through research committee provides autonomy, empowerment and accountability to plan, initiate, execute and complete the research projects. The treatment materials, consumables, patients, investigations are provided by the managemnt

3.3 Consultancy

3.3.1 List the broad areas of consultancy services provided by the Institution during the last five years (free of cost and/or remunerative). Who are the beneficiaries of such consultancy?

Refer Data Sheet No-12 For List of service

3.3.2 How does the institution publicize the expertise available for consultancy services? NA

Refer Data Sheet No-12

College has prepared the leaflets for patient's information, and reception personnel are oriented to answer such queries, prominent display of boards

3.3.3 How does the institution reward the staff for the consultation provided by them? NA

The management appreciates and accords awards for distinguished achievements of the faculty on institutional foundation day

3.3.4 How does the institution utilize the revenue generated through consultancy services?

Revenue generated from services is merged in institutional income and is utilized for its academic and research activities.

3.3.5 Give details regarding the consultancy services for Secondary, Primary Care Centers and Medical Practitioners.

3.4 Extension Activities

3.4.1 How does the institution promote the participation of students and faculty in extension activities? (NSS, NCC, YRC and other NGOs) .

The college has conducted total 82 community extension, activities

Refer Data Sheet No- 13

3.4.2 What are the outreach programmes organized by the institution? How are they integrated with the academic curricula? Outreach programmes are organized thro rural and urban centers.

Primary Health Centre, Ittamadu, Ramanagara Taluk, Ramanagara District,Bangalore-Report-Primary Health Centre, Ittamadu, Ramanagara Taluk, Ramanagara District,Bangalore-Location: Ittamadu, Distance from RRMCH 20 Km,Adopted Population,9,855,Status : Officially adopted PHC –Administrative and financial under control of RRMCH through Dept of Community Medicine Staff. Rural Health Training Centre of RRMCH.Sub Centre-- Health camps, School Health checkups, Anganwadi centers Health Check-up- , Monthly Report – Implementation of National Health Programme – ,HIV/AIDS – Integrated Counseling and Testing Centre through Karnataka State AIDS Prevention Society. Baseline Data-Ittamadu PHC has been in existence since 03 years. As per MCI norms every medical college has to adopt 3 PHCs for training the medical students. To abide by this rule Rajarajeswari Medical College & Hospital [RRMCH] decided to adopt Ittamadu PHC. The local leaders [Mr. Somanna] were very co-operative and helped in the process of adoption. It was adopted by RRMCH on 1st July 2006. Ittamadu PHC is now under the administrative & financial control of RRMCH through Dept. of Community Medicine. It also functions as Rural Health Training Center under Dept. of Community Medicine

Ittamadu PHC is around 20 kms from RRMCH & is in Ramanagar Taluk & district. It covers an area of 10-15 Kms, which includes 2 Gram Panchayaths ie. Ittamadu & part of Bidadi. It serves to a total population of 9,855 who resides in 19 villages. It has 3 sub centers. They are Ittamadu, Banandur & Heggadegere. The area is primarily agrarian but also has a bottling and a car manufacturing industry. There is also a vegetable export unit in the area. The area has 4 agricultural & 4 Milk Co-op societies. There are 21 Schools & 16 Anganwadies. 3 of the schools have hostel facilities. Infrastucture- Ittamadu PHC building is built on a 1.2 acre land allotted by Ittamadu Gram Panchayath. The PHC building is 290.35 sq mts. The building was built in 2004 by KHSDP. RRMCH now has administrative & financial control over the PHC. The building has been built according to the KHSDP plan. It consists of -1. Waiting hall, 2. Medical Officer / consultation room, 3. Male in patient ward, 4. Female in patient ward,5. Labour room, 6. Operation Theater, 7. Integrated Counseling & Testing Center [HIV], 8. Dental clinic, 9. Immunization / dressing room, 10. Laboratory, 11. Office, l2. Store room, 13. Toilets.

The Govt. of Karnataka constructed quarters for medical officer & supporting staff has been made and is to be implemented soon. There is also a plan for the construction of

students' hostel with mess facility to facilitate community medicine postings during internship

Total Number of Villages-19, Total Number of Houses- 2483,TotalPopulation-10634, Number of Eligible Couples - 1804, Village Panchayaths - 02, Lower Primary Schools - 11, Higher Primary Schools - 04, High Schools-03, Anagawadi Centers -17, Women Health Societies--, Women Mandali's-02, Sthree Shakti Groups-49, Self – Help Groups--, Youths Associations-12, Milk Producer Co-operative Societies-06, Agricultural Co-operative Societies-01, Fair Price Shops-07, Continuing Education Centres--, Post office-01, Libraries-01, Veterinary Hospital- 02, Private Clinics-01, Hotels- 29, Cable Operators-6, Sub Centres-03, BCM Hostels-03, Over Head Tanks-07, Sister in Tanks-58,

The PHC is equipped with furniture for all the rooms except the Operation Theater [vide appendix 1]. The Dental clinic is equipped with a Dental chair. The Dentists conduct the Dental Clinic on every Wednesday. Weekly visits are done by specialists from depts. of Medicine, Pediatrics, OBG, etc., Monthly visits are done by specialists from Ophthalmology, ENT, Dermatology, Surgery, etc. RRMCH has provided the PHC with a Jeep exclusively for its use. It transports the Medical Officer & other Staff from Dept of Community Medicine from RRMCH to Ittamadu and also to sub-centers, immunization camps, supervision, health camps, meetings in Ramanagara, transfer of drugs etc.

Staff for rural health training centre: Medical Officer of Health –cum-, b. Lady Medical Officer, c. Medical Social Workers ,Health Supervisor, Public Health Nurse, Health Inspector, Health Educator, Technical Assistant, Technician, Peon, Van – driver, l. Store keeper, Pharmacist, n. Record Clerk, o. Sweepers, p. Any other category (Watchman),

OPD in the year-2012 -Male-2524,Female-2497,Total-5025, the T.B. cases at PHC Ittamadu for the year-2012- Sputum collection-115 +Ve-6 Under Treatment : 16 Cases Treatment completed : 5 Cases 6 Cases – from Ittamadu PHC (Detected in PHC-Ittamadu) , 10 Cases - Referred from other places .the NAMP programme active & passive surveillance blood smears drawn in the year-2012-2289.the KSAPS ICTC-304 Blood Exam done for HIV in the year-2012-the Pulse Polio Programme in the year-2012-Month & Date15/4/12 to 17/4/12Target-985,Achievement-1082,Percentage-110%,

SRI RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL-Kambipura, Bangalore-74.Department of Community Medicine-ADDITIONAL URBAN HEALTH CENTRE

Agara, Bangalore-74-For the course of study leading up to MBBS affiliated to RGUHS.

UHC building was sponsored by Rotary Club, JP Nagar, Bangalore and MOU between Rotary Club & RRMCH. The UHC located at Agara, near Kumbalgod, 7.8 kms from RRMCH, Bangalore. It is supervised by Assistant Professor and the HOD of Community Medicine. It is one of the Sub Centre Hq of PHC, Kaggalipura. The UHC is covering the population of Agara, Tataguni, Hosapalya and Gangasandra. The services are catered to the population of about 7911. The services are catered by one Medical Officer, 1 Medico- social Worker, 1 Public Health Nurse, 1 Health Inspector, 1 Health Educator & 1 Attender.The functions of UHC are:- Curative work, Preventive work Promotive work, Training and Administrative work. The further details of services will be presented during peer team visit.**ANC & PNC** activities, family planning, immunization, vitamin 'A' prophylaxis programme.**ANC** activities**:** A total of 36 antenatal cases have been registered. These cases are examined periodically on every Thursday and Iron and Folic Acid supplements are provided to all of them. High risk cases are referred to RRMCH. MCH card has been maintained for all the cases Distribution of IFA Tab to Anemic mothers -Health education for reproductive age group (15- 45yrs).**School health survey**-Govt. school health check up will be conducted. Anganwadi health check up will be conducted. Mass deworming of all children. Distribution of IFA small to anemic children. Creating awareness on personal hygiene, diet. The further details of services will be presented during peer team visit

National Health Programmes-RNTCP- DOTS: - Patients diagnosed with tuberculosis are put on DOTS treatment. Onepatient is under treatment.2**. National Anemia Control Programme:**-Distribution of IFATablets.Mass deworming of all children.**3. National Blindness Control Programme:-**Refractory Errors were checked up in the school health program &referred to RRMCH , Administration of Vitamin 'A' solution,Health education regarding intake of Vitamin 'A' rich foods.**4. NAMP-**All fever cases are presumed to be Malaria & chloroquine tablets are given to patients after referring for Peripheral Smear for MP at RRMCH..**5. IPPI Programme:**Community mobilization through public education activities.**8. TRAINING ACTIVITIES**Training of Anganwadi worker regarding MCH, Family welfare activities, HIV/AIDS awareness programme.Training of nursing students

regarding family household survey, its analysis, and compiling of data & reporting.Training of Interns – Implementation of National Programmes, Treatment of common ailments, Field based activities

SRI RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL,Kambipura, Bangalore-74. Dept of Community Medicine-Urban Health Center-Channasandra, Uttarahalli-Bangalore-560 061.- **UHC** is located on Uttarahalli main road, Channasandra, 8 kms from RRMCH, Bangalore. It is supervised by Assistant Prof & HOD of Community Medicine. The services are catered to the population of about 6,000 with one Medical Officer, 2 Medico- social Worker, 1 Public Health Nurse, 1 Health Inspector, 1 Health Educator, 1 Male & 1 Female Health worker, 1 Lab technician, 1 Pharmacist & 1 Attender. The functions of UHC are:- Curative work, Preventive & Promotive work, Training & Research, Administrative work

AREA MAP-Channasandra is an area located at Uttarahalli near RRMCH, on Uttarahalli Road. It consists of around 2006 houses, with a total population of around 6000 (Males: 2,746 & Females: 3,170). Household survey of Channasandra is being conducted, to enumerate the demographic and morbidity profile.

The outreach programmes organized in collaboration with NGO's, rural Panchayat, school health programs, mahila mandals, self-help groups, community health administrators, anganwadi workers, and participating in national health programs. An exclusive full time extension officer is appointed to coordinate, implement and monitor the activity. By the institution the main outreach activities are conducting health camps and health awareness lectures. Students by participating in these activities develop attitude for service, team working and gain experiences to practice in rural settings. Community service is integrated in curricula throughHealth camps and hospital services

Refer Data Sheet No- 13

3.4.3 How does the institution promote college-neighbourhood network in which students acquire attitude for service and training, contributive to community development?

Thro community medicine postings

The college has appointed extension officer and constituted a committee for extension activities. *Answered above*

3.4.4 What are the initiatives taken by the institution to have a partnership with University / Research institutions / Industries / NGOs etc. for extension activities?

The college has entered into a student exchange programme with Hammersmith University, United Kingdom and others like Mayo Clinic, United States of America

3.4.5 How has the local community benefited by the institution? (Contribution of the institution through various extension activities, outreach programmes, partnering with NGOs and GOs)

Refer Data Sheet No-- 13

The Hospital provides Medical services to the local community. Outreach programs are also organized for the local community.

Objectives Achieved

- Total 183 students passed MBBS exam,
- 582 students pursuing studies,
- 582 in MBBS, 98 in PG degree,
- 88 students under going internship training.
- 2441269 thousand patients have utilized different modalities of treatment.
- Awards-43,Faculty Research topics -.116, International publication -80, National publication -124, International Presentation -39, National-Presentation-49, INT.CHAIR-13, National chaired-48, BOOKS authored -18, Conferences Attended-501, Conferences conducted -102, Services - 204, Extension activities -76, Enrichment courses -81, approved guides -67, ongoing projects -122,project completed -77, problem based learning -287, journal subscribed ?-212, Distinguished achievements -51, , Dissertation topics -95, Tutorials-430, Stud projects -55, Spl clinic-22,

3.4.6 How has the institution involved the community in its extension activities?

networking etc.)

Community is involved in the medical services

Local community leaders NGOs are involved in IQAC and they contribute for development and performance improvement of the institution. The college has adopted a village for its services and has generated MOU

3.4.7 Any awards or recognition received by the faculty / students / Institution for the extension activities.

Refer Data Sheet No-1

3.4.8 How does the institution promote institution-neighborhood network in which students acquire service training, which they contribute to sustained community development?

Community medicine postings are instituted for the students and interns.

Regular camp activities: the college has been conducting regular camps since inception. The details of yearly breakup of camps are as follows. Urban center report given

3.4.9 Give details of percentage of paid and non-paid services

Patients are screened and treated freely the data is already given

3.4.10 What is the role of the institution in the following extension activities?

a. Adaptation of the population in the geographical area for total health care.
The college has adopted a village for free total health care and has entered into a Memorandum of Understanding for the purpose.

b. Awareness creation for prevention of diseases and promotion of health through Information, Education and Communication. (IEC) Y

The institution conducts health care management and diseases prevention and awareness lectures.

c. Community outreach health programmes for Screening, Diagnosis and management of diseases by cost effective interventions.Y
The college regularly conductsHealth camps as out reach activities for screening diagnosis and management of diseases by cost effective interventions.

d. Awareness creation regarding potable water supply, sanitation and nutrition. Y

Community awareness lectures are held regarding safe drinking water, sanitation and nutrition.

e. Awareness creation regarding water born and air-borne communicable diseases. Y

The college conducts awareness through community extension activities regarding water and air born communicable diseases.

f. Awareness creation regarding emerging diseases (Communicable and non communicable). Y

The college conducts awareness of communicable, non communicable and emerging diseases like HIV, Hepatitis B etc,.

g. Awareness creation regarding the role of healthy life styles and physical exercise. Y

The college conducts awareness of healthy life style and role of physical exercise.

h. Participation in national programmes like Family Welfare, Population Control, Immunization, HIV Aids, and Blindness control, Malaria, Tuberculoses etc. Y

The college participates in National Health Programmes for Polio, HIV, and such similar diseases, awareness activities.

3.4.11 Is there any research or extension work to reach out under-privileged sections in particular women and children? Y

The institution conducts school children health care programme and serve the rural community through Health camps.

3.5 Collaborations

3.5.1 Give details of the collaborative activities of the institution with the following organizations:

The oranisation has linkages with numerous third party assurance agencies .

3.5.2 How has the institution benefited from the collaboration?

The faculty actively involve with the affiliating university and alumnae for curriculum development

(b) Internship - yes

The internees utilise hospital collaborations for skill enrichment

(c) On-the-job training

The faculties and the internees get the benefit of on the job training from collaborations.

(d) Faculty exchange and development

(e) Research

All the clinical departments have established linkages for research.

(f) Consultancy -

The hospital provides basic and advanced multispecialty oral health care services and prevention of oral diseases through active collaboration with the local communities involving NGOs

(g) Extension

The college regularly conducts general and oral health care and such similar community reach activities on regular basis

(h) Publication-

The institution using the collaborations has benefited for contributing to research publications

(i) Student Placement NA

3.5.3 Does the institution have any MoU/MoC / mutually beneficial agreements signed with

- Other academic institutions? No
- Industry?no

The college has maintained active linkages with industries related to the profession and community services. The college has signed MOU and has adopted the village for comprehensive oral health care

The institution has maintained active linkage by participating varied activities of the university, and the Meadical Council of India. The staff significantly contributed for the curriculum design of presence UG and PG programmes.

3.6 Best Practices in Research, Consultancy and Extension

3.6.1 What are the significant innovations / good practices in Research, Consultancy and Extension

activities of the institution?

MRCPS linkages, Adoption of villages, Student's projects, Enrichment Courses in each dept. has conducted enrichment courses. Seed money Rs, 50,00,000 for student's projects. Very good publication output, all the faculty with MD/MS qualification are involved in consultancy and extension work. Each dept. has identified thrust areas of research and has procured appropriate journals, books, and other equipments, skill development training to faculty.

4.Criterion IV: Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 What are the infrastructure facilities available for?

(a) Academic activities?

(b) Co-curricular activities?

BED STRENGTH AVAILABILITY

DEPARTMENT	No. OF BED
Medicine	180
Dermatology	40
Psychiatry	40
TBCD	40
Pediatrics	90
Surgery	180
ENT	40
Ophthalmology	80
Orthopedics	90
OBG	100
Cardiology	20
Ped. Surgery	20
Nephrology	20
Neo Natology	20
Plastic surgery	20
Urology	20
Gastro enteralogy	20
Cardiothoracic	20
Neurology	20
Neurosurgery	20

FACILITIES AVAILABLE

24/7 SERVICES

- Emergency & casualty services
- NICU,PICU,MICU, ICCU,MICU,BICU,RICU
- Radiology services
- Dialysis
- Blood Bank
- Laboratory
- Pharmacy
- Ambulance services

DEPARTMENT OF RADIOLOGY

- MRI (1.5 Tesla)
- CT SCAN (128 slides)
- X-RAY
- ULTRA SOUND SCAN
- MAMMOGRAM
- Computed Radiography (CR)System

DEPARTMENT OF GENERAL MEDICINE

- ECG, TMT (Stress Test),ECHO Cardiograph
- Nephrology
- Diabetic clinic
- Hypertension clinic

DEPARTMENT OF ORTHOPEDICS

- Skeletal Trauma Treatment
- Spine Surgeries
- Skeletal Tumors Surgeries
- Joint Replacement Of **Hip & Knee**
- Deformity Correction(**Limbs**)
- Arthroscopic Procedures Including Ligament Reconstructions Of Knee
- Limb Length Equalization Procedures

DEPARTMENT OF ENT

- ENT Minor OT & Endoscopy
- Audiology & Speech Therapy Services
- Head Ache Clinic
- Deaf Ness Clinic
- Vertigo Clinic

DEPARTMENT OF OPHTHALMOLOGY

- Cataract & IOL (**Intraocular Lens**)Services
- Cornea And Eye Banking
- Glaucoma Treatment, Tonomotry, V F Analyzer
- Vitreo Retinal Surgeries
- Medical Laser Treatment-Diabetic Retinopathy & Other Retinal Diseases
- Retinal Detachment & VR Surgeries
- Spectacle Dispensing, Computerized Eye Testing

DEPARTMENT OF SURGERY

- Gastroenterology
- Upper G.I Endoscopy & Colonoscopy
- Laparoscopic Procedures
- Thyroid Surgery
- G.I & Breast Surgeries
- Neuro Surgery
- Bronchoscopy

DEPARTMENT OF PEDIATRICS

- Neonatal intensive Care (**NICU**)
- Phototherapy
- Neonatal Surgeries
- Retinopathy Of Prematurity (**ROP**)
- Blood Transfusions,
- Central Line Catheterization
- Arterial Blood Gas Analysis
- High Risk Clinic
- Child Welfare Clinic
- Adolescent Clinic
- Nephrology Clinic
- Neurology Clinic
- Pulmonology Clinic
- Child Guidance Clinic
- Child Psychiatric Clinic
- Day Care ORT Corner

DEPARTMENT OF OBSTERICS & GYNECOLOGY

- OPD Facilities Both Gynec & Obstetrics
- Operative & Normal Deliveries
- Gynec Surgeries
- Laparoscopic Surgeries

- Family Planning Clinic
- Cancer Detection Clinic
- High-Risk Pregnancy Unit
- Menopause Clinic
- Infertility Clinic
- Family Welfare Clinic
- Foetal Monitoring Facilities
- Painless Labour Facilities

DEPARTMENT OF PSYCHIATRY

- IQ Assessment
- Personality & Psychometric Assessment
- Psychotherapy-Marital/Family/Individual
- Child Guidance
- Deaddiction Services
- Gediatric Psychiatry
- Electro Convulsive Therapy **(ECT)**
- Adult & Liaison Psychiatry

DEPARTMENT OF TB&CD

- Sputum AFB Under RNTCP Programme
- Dots Treatment For Newly Diagnosed TB Patients
- Pulmonary Function Test (**PFT**) For Asthma/Allergic Bronchitis
- Pulmonary Malignancy Detection By MRI & CT Scan Lung/Sputum For Malignancy Cells
- Bronchoscopy

DEPARTMENT OF DERMATOLOGY

- Ear /Nose Piercing Gun
- Electro Cautery
- Radio Frequency Surgery
- Cryotherapy
- Chemical Cautery
- Chemical Peel
- Vitiligo Graft
- Dermabration
- Come Done Extraction
- Nail Surgeries
- Skin Biopsy
- Photo Therapy

- Hair Transplantation
- Scrapings For Fungus
- Skin Slit Smears

DEPARTMENT OF ANESTHESIA

- Anesthesia for Super specialties
- Acute emergencies treated
- Trauma life support
- Hemodynamic monitoring and ventilator support (NICU)
- Nerve blocks under monitoring
- Advance airway management
- Management of acute and chronic pain

SUPER SPECIALTIES AVAILABLE WITH US

DEPARTMENT OF CARDIOLOGY

- CATH LAB
- Echocardiography 2D with color Doppler
- Trans esophageal echocardiography(**TEE**)
- Cardiac catheterization
- Coronary angiography
- Percutaneous transluminal coronary intervention and Stenting
- Primary angioplasty and stenting for acute myocardial infarction (**Heart attack**)
- Elective percutaneous transluminal in coronary angioplasty
- Pediatric cardiac catherization
- Device closure for ASD,PDA,VSD
- Balloon Mitral Valvuloplasty (BMV)
- Electrophysiological studies and Radiofrequency ablation,3D mapping, CARTO
- Peripheral angiography diagnosis
- Peripheral percutaneous trans luminal angiography and angioplasty
- Carotid angiography, angioplasty and Stenting
- IVC filter implantation
- Cardiac pacing
- Cardiac resynchronization therapy (**CRT**)
- Implantable cardiac defibrillator (**ICD**)
- Temporary transvenous pacing
- Pericardio Centesis
- Head raising tilt table test
- Holter monitoring
- Cardiothoracic Surgery

DEPARTMENT OF PLASTIC AND RECONSTRUCTIVE SURGERY

- **Burn Clinic**
  - Post Burn- Reconstructions
    Scars, contractures correction
  - Acute burns
- **Cosmetic Surgery**
  - Rhinoplasty
  - Abdominoplasty
  - Reduction Mammoplasty(breast)
  - Augmentation Mammoplasty(breast)
  - Face Lift
  - blepheroplasty
  - Hair Transplantation
  - Micro Pigmentation
  - Dermabration
- **General Plastic Surgery**
  - Trauma-raw area coverage
  - Post cancer-defect coverage
- **Cleft Lip And Palate Surgery**
  - Craniofacial deformity correction
- **Hand Surgery**
  - Congenital deformities
  - Leprosy hand
  - Post traumatic hand deformities
  - Post traumatic tendon repair
  - Tendon transfers
  - Post burn hand reconstruction
- **Diabetic Ulcer Clinic**
- **Vascular Malformations**

DEPARTMENT OF PEDIATRIC SURGERY

- Urological Surgery
- Neonatal Surgery
- Minimal Invasive Surgery
- Neuro Surgery
- Endoscopy & Colonoscopies
- Thoracoscopic Surgery
- Trauma Surgery
- Broncho- Laryngoscopes
- Uroflowmetry
- Radiological Invasive Procedures
- Neonatal & Infantile Laparoscopic Surgery

DEPARTMENT OF UROLOGY

- **Endourology**
  - Cystoscopy
  - Cystoscopy and DJ Stenting
  - URS and basketing
  - URS and lithotripsy
  - PCNL
  - Mini PERC
  - TURP
  - TURB7
  - Laser TURP
  - Laser TURB7
  - RIRS
  - ESWH
- Uro oncology
  - Radical Kidney, Bladder, Prostate Surgeries
  - Reconstructive Urology
  - Buccal mucosal urethroplasty
  - Neo bladder
  - augmentation
- Female Urology
  - VVF,UVF Repair
  - SUI-incontinent surgery
- Pediatric urology
  - Pediatric Endourology
  - Pediatric Reconstructive Urology
- Transplant
  - A.V Fistulae
  - CAPD Insertion
  - RENAL transplant
- Laparoscopy urology
  - Laparoscopic Nephrectomy
  - Laparoscopic Adrenalectomy
  - Laparoscopic Pheloplasty
- Andrology
  - PENILE implant
  - Artificial urinary sphincter
  - Microsurgery for VARLCOCELE

(C) Extra-curricular activities and Sports

List of sports and Cultural organized by R.R.M.C.H

SL NO.	EVENTS (cultural activities)	YEAR	VENUE
1.	'Aura'-1st college day(singing, dance, MAD ADS, fashion show)	2008	RRMCH
2.	Founder's day	2008	RRMCH
3.	College fest (singing, dance-solo and group, debate, antakshari, rangoli, essay writing, fashion show, mock rock, etc)	2009	RRMCH
4.	'Manthan'-college day(singing, dance, debate, antakshari, rangoli, essay writing, fashion show, mock rock, etc)	2011	RRMCH
5.	'Spectra'-college day(singing, dance, debate, antakshari, rangoli, essay writing, fashion show, mock rock, etc)	2012	RRMCH
6.	"Dosti ka shubh arambh" by MTV	2012	RRMCH
7.	'Carpedium'-college day (singing, dance, debate, antakshari, rangoli, essay writing, fashion show, mock rock, etc)	2013	RRMCH
	Sports activities		
8.	Annual sports meet	2009	RRMCH
9.	Chairman cup Cricket & Throw ball	2009	RRMCH
10.	Annual sports meet	2010	RRMCH
11.	Chairman cup Cricket & Throw ball	2010	RRMCH
12.	Annual sports meet	2011	RRMCH
13.	Chairman cup Cricket & Throw ball	2011	RRMCH
14.	Annual sports meet	2012	RRMCH
15.	Chairman cup Cricket & Throw ball	2012	RRMCH
16.	Annual sports meet	2013	RRMCH

List of sports and Cultural activities participated by R.R.M.C.H

SL NO.	EVENTS (cultural activities)	YEAR	VENUE
1.	Inter college fest	2011	MS Ramaiha Medical college, Bangalore
2.	Intermedical College Fest	2012	JJM Davangere
	Sports activities		
3.	National level Fencing	2009	Gwalior,MP
4.	National level Fencing	2010	Hyderabad
5	National level Fencing	2011	Hosur,TN
6.	Participated at Sri Devraj Urs Medical College Meet	2012	Kolar
7.	Participated at St.Johns Medical College Meet	2012	St.John Medical College,Bangalore

8.	Participated at BMC,RGUHS	2012	BMC
9.	Participated at CMC,Vellore	2012	CMC,TN
10.	Participated at MS Ramaiha Sports meet	2012	MS Ramaiha Medical college,Bangalore
11.	National level Fencing	2013	Amaravathi

YEAR	CONDUCTED	PARTICIPATED	VENUE
2008	Aura'-1st college fest		RRMCH
2008	Founder's Day		RRMCH
2009	Annual college fest		RRMCH
2009	Annual sports meet		RRMCH
2009	Chairman cup Cricket & Throw ball		RRMCH
2009		National level Fencing	Gwalior,MP
2010	Annual sports meet		RRMCH
2010	Chairman cup Cricket & Throw ball		RRMCH
2010		National level Fencing	Hyderabad
2011	Manthan-college fest		RRMCH
2011		Inter-college fest	MS Ramaiha Medical college,Bangalore
2011	Annual sports meet		RRMCH
2011	Chairman cup Cricket & Throw ball		RRMCH
2011		National level Fencing	Hosur,TN
2012	Spectra-college fest		RRMCH
2012		Intermedical college fest	Davangere
2012	"Dosti ka shubh arambh"-MTV		RRMCH
2012	Annual sports meet		RRMCH
2012	Chairman cup Cricket & Throw ball		RRMCH
2012		Participated at Sri Devraj Urs Medical College Meet	Kolar
2012		Participated at St.Johns Medical College Meet	St.Johns Medical College,Bangalore
2012		Participated at BMC,RGUHS	BMC
2012		Participated at CMC,Vellore	CMC,TN
2012		Participated at MS	MS Ramaiha Medical

2012		National level Fencing	amaravathi
2013	Carpedium-college fest		RRMCH
2013	Annual sports meet		RRMCH

4.1.2 Enclose the Master Plan of the college campus indicating the existing physical infrastructure and the projected expansions.

Total details of space available for the institution is maintained by the architect and comprehensive details will be presented during peer team visit. However master plan layouts are given in album section at the end of manual.

	Accommodation	**:**	Available
(i)	Principal/Dean's office size	:	73 sq mts
(ii)	Staff room size	:	55 sq mts
(iii)	College Council room size	:	100 sq mts
(iv)	Office Superintendent room size	:	15 sq mts
(v)	Office Space Size	:	175 sq mts
(vi)	Intercom & Public address System in the college	:	Present
(vii)	Record room size	:	300 sq mts

BUILDING

(a) Layout & floor area

College: 3,61,127 sq ft Hospital: 2,82,330sq ft

(b) No. of Lecture theatres

	College	Hospital
Number	: 06	01
Type	: -	-
Gallery	: 06	01
Level	: -	-

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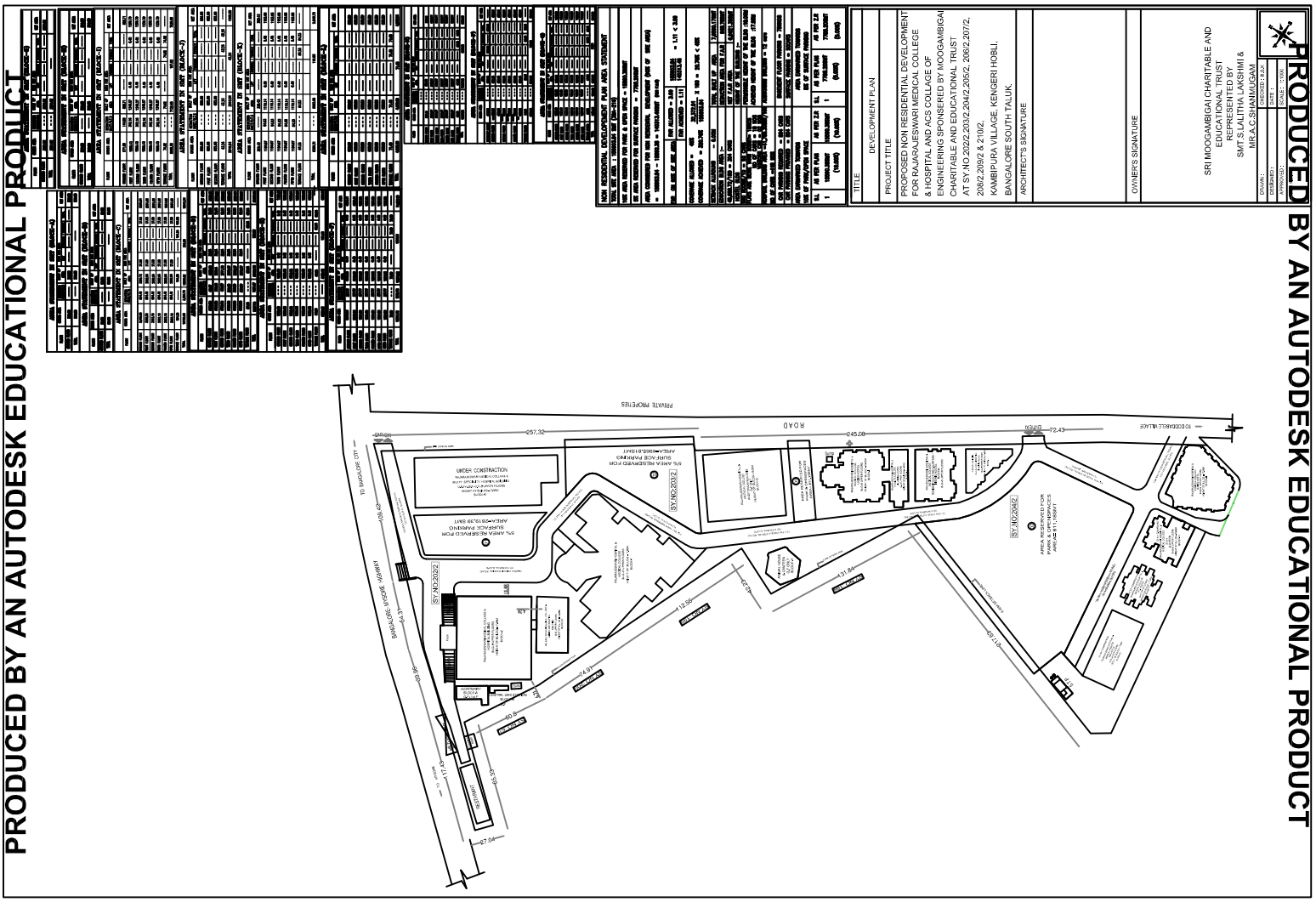
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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
TITLE
DEVELOPMENT PLAN
PROJECT TITLE
PROPOSED NON RESIDENTIAL DEVELOPMENT FOR RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL AND ACS COLLAGE OF ENGINEERING SPONSERED BY MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST
AT SY.NO.202/2,203/2,204/2,205/2, 206/2,207/2, 208/2,209/2 & 210/2,
KAMBIPURA VILLAGE, KENGERI HOBLI,
BANGALORE SOUTH TALUK.
ARCHITECT'S SIGNATURE
OWNER'S SIGNATURE
SRI.MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST
REPRESENTED BY
SMT.S.LALITHA LAKSHMI &
MR.A.C.SHANMUGAM
DRAWN :
DESIGNED :
CHECKED :
DESIGNED : AAA
DATE :
SCALE : 1:500
NON RESIDENTIAL DEVELOPMENT PLAN AREA STATEMENT
AREA STATEMENT (BLOCK-1)
AREA STATEMENT (BLOCK-2)
AREA STATEMENT (BLOCK-3)
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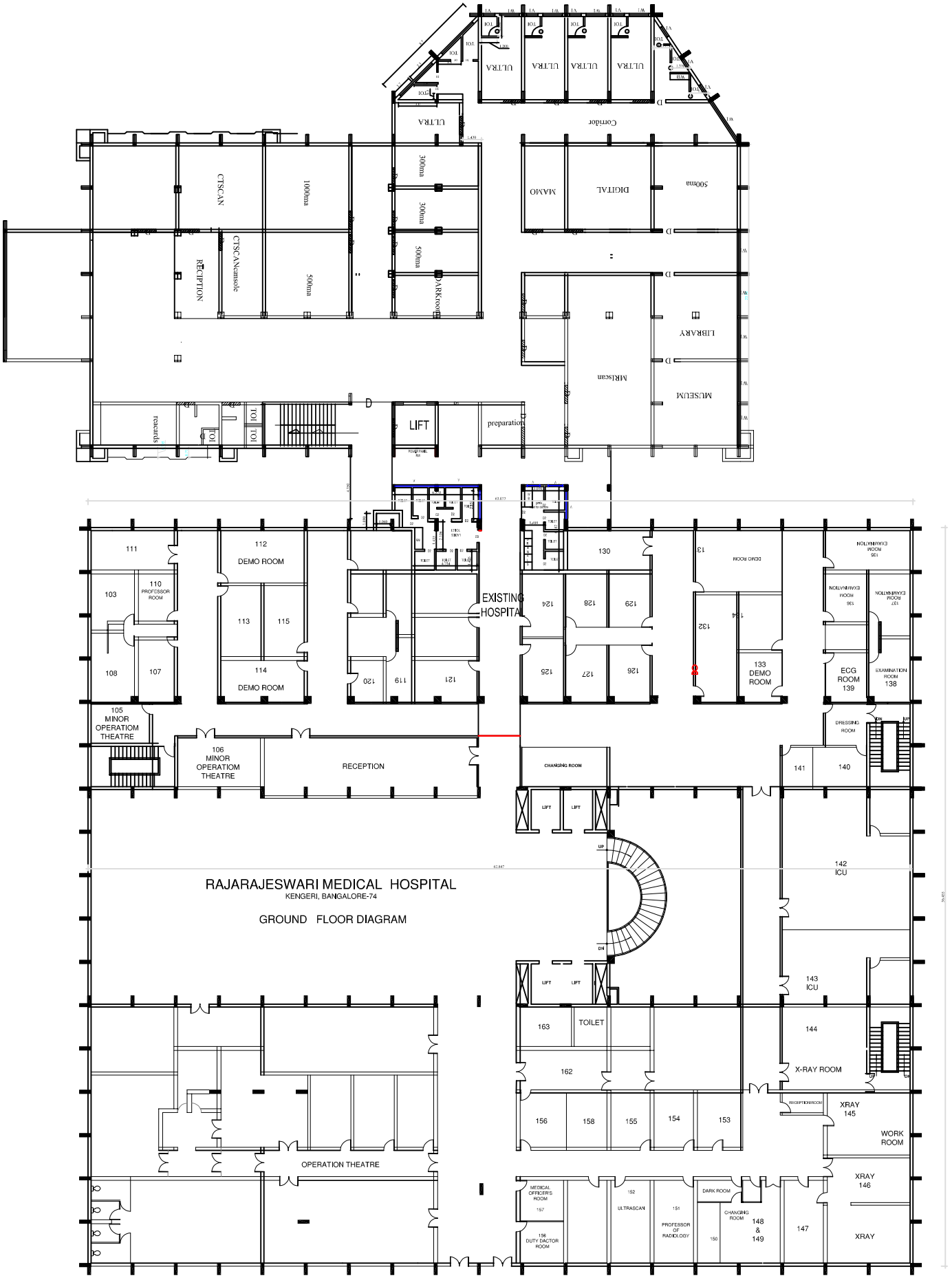
AREA STATEMENT



HOSPITAL
GROUND FLOOR PLAN

Seating Capacity : 4-180,1–250,1-350,1–300

(c) Auditorium (Accommodation) : Nos.-2, 300 and 3500 seats

(d) Examination Hall (Sitting Capacity) : Available – 800 seats

(e) Common room for - Available
(a) Boys 250 sq mts
(b) Girls 250 sq mts

ANIMAL HOUSE

Accommodation : 3152 Sq ft

No. of rooms with size : 17 rooms
1) 8 rooms – 12 sq mt each - Medical staff room, store room
2) 8 rooms – 10 sq mt each - Feed room, Staff Research
3) 1 room – 7.5 sq mt each – O.T rabbits house,
4) 2 toilets – 6 sq mt each - Gunieapig House,2 toilets, Rat cages,

CENTRAL LIBRARY

Layout and floor area : 4200 sq mts

MEDICAL EDUCATION UNIT : : 220 sq mts

HOSTELS

(a) Layout : Mens Hostel : 36, 799 sq ft
Womens Hostel : 25, 178 sq ft

(b) Distance from the college & Hospital : with in the same campus-100mts

(c) Total No. of rooms & seats :

	Rooms		Seats
Undergraduate	(i)	Boys	190 rooms – 380 students
	(ii)	Girls	130 rooms – 260 students
Postgraduate	(i)	Boys	35 rooms
	(ii)	Girls	15 rooms

No. of students on the roll : 600
Percentage of Students accommodated : 95%
Department Wise Space Details

4.1.3 Has the institution augmented the infrastructure to keep pace with its academic growth? If Yes, specify the facilities and amount spent during the last three years.

Amount spent on Library for last 3 years : Rs.1,28,72,444

1.	2009-10	4000	100	4100
2.	2010-2011	4133	44	4177
3.	2011-2012	290	228	518
4.	2012-2013	415	135	550

4.1.4 Does the institution provide facilities like common room, separate rest rooms for women students and staff?

COMMON ROOMS

A.	Staff Room	-	Yes
B.	Day care centre	-	Yes
C.	Common Room for students	-	Yes
D.	Rest Rooms	-	Yes
E.	Health centre	-	Yes
F.	Vehicle parking	-	Yes
G.	Guest House	-	Yes
H.	Canteen	-	Yes
I.	Telephone	-	Yes
J.	Internet café	-	Yes
K.	Transport	-	Yes
L.	Drinking water etc	-	Yes

4.1.5 How does the institution plan and ensure that the available infrastructure is optimally utilized?

The infrastructure committee and Facility Management and Safety (FMS)-evaluates the need of the infrastructure and a appropriate expansion is made only after such assessment. The infrastructure complies with regulatory norms and is optimally utilized for its varied activities. The college has developed manuals and implemented - The Safe and secure environment, Engineering Support Services, Biomedical Engineering Services, Medical Gases, Vacuum, Compressed Air, Fire and Non-Fire safety, Community Emergencies and Management of Hazardous Materials

4.1.6 How does the institution ensure that the infrastructure facilities meet the requirements of differently- abled students?

The college meets the need of the different abled students by providing wheel chairs, ramp, and physical assistance to meet the specific such needs of the physically disabled.

4.1.7 Provide the following details :

a. Lecture theatre : Yes
b. Number : 7
c. Accommodation in each : 4-180 : 1-250 : 1-350 : 1-300
d. Light : Well illuminated with fluorescent tubes.
e.Ventilation : Well ventilated

e.Ventilation : Well ventilated

f. Audio-Visual facilities Out-patient departments: LCD movable/Fixed both, OHP Movable.PAS

g. Facilities available

Category	**Types and facilities**	**Occupancy**
Lecture Hall – 7	LCD fixed, OHP movable, PAS, Slide Projector,LCD Projector	
Pre-clinical Lab		
LABS	Anatomy Physiology Biochemistry Microbiology Pathology	3 3 1 1 2

h. Casualty services Accident and Emergency Services available as below:-

Medical and Surgical beds	No. of Beds
General ward Male	16
General ward Female	10
Maternity ward	1
Minor OT	1
Casualty beds	7

Mobile Medical Clinic

Mobile Van

The mobile van will be provided for the camp which accommodates around 12 people including driver. It is equipped with

Sl no	**Description**	**Unit**
1.	Transport II-Portable medical system	1
2.	Medical Beds	2
3.	Portable stools	2
4.	Extraction kit(adult)	1
5.	Extraction kit(pedo)	1
6.	Restoration kit	1
7.	Scaling unit	1

Vehicles

Biometric Attendance System

- Make : Pegasus T-7

- The system can register 250 finger prints(F.P)
- It can store 5000 Log data transactions provided the system is as per specification (Viz.P5, 500 MB RAM)
- Recording FP and passwords through the Machine for marking attendance in respect of all faculty members.
- Leave crediting/Leave master is monitored through the system.
- Generation of attendance reports through software loaded every month.

Hostels

a. **Capacity Of Hostels** (to be given separately for Boys and Girls)

	Capacity
Boys Hostel	190
Girls Hostel	180

b. Occupancy

	No. occupied
Boys Hostel	188
Girls Hostel	175

c. Rooms in the Hostels (to be given Separately for boys & girls)

d. Recreational facilities

- Spacious playground for cricket
- Auditorium with cultural/entertainment/TV programme
- Indoor games: Shuttle Badminton, Table Tennis,Carom,Chess

Auditorium-Number 02, Capacit 1-300 , 1-3500,Area :1-500 sq mts , 1-5000sq mts,Other facilities like make up room and toilet near the stage. Lighting-par Light 28 nos, spot light 10 nos, profile light 8 nos, light 10 nos, solar light 2 nos, 1 Audio cassette player, 2 DVD player ,1 Panasonic Mixer, Graphic Equalizer 1 and Speakers.10 Mike sets and 2 Electronic dimmer

4.2 Maintenance of Infrastructure

4.2.1 What is the budget allocation for the maintenance.

Budget allocation

Annual Budget: College

Year	**2009-2010**	**2010-2011**	**2011-2012**	**2012-13**
Salary				

Doctors	**10,86,21,405**	**10,43,26,241**	**11,27,78,916**	**11,47,86,106**
Resident- Doctors	**96,45,249**	**1,06,25,463**	**1,65,18,000**	**1,79,43,205**
- Other Staff	**41,69,493**	**46,65,905**	**52,18,272**	**55,21,432**
Technical Training	**31,18,028**	**46,46,104**	**58,49,643**	**70,41,029**
Library & Education	**7,94,646**	**9,91,956**	**11,52,495**	**14.63,072**
Maintenance	**55,04,593**	**34,82,902**	**44,86,092**	**60,45,921**
Contingencies	**3,26,49,063**	**4,85,09,093**	**6,49,63,014**	**7,69,49,016**
Others	**89,93,264**	**65,84,371**	**79,83,091**	**84,83,591**
Total	**17,34,95,741**	**19,38,32,035**	**21,89,49,523**	**23,82,33,372**

Hospital:

Year	**2009-2010**	**2010-2011**	**2011-2012**	**2012-13**
Salary				
- Doctors	**16,19,234**	**21,48,334**	**23,64,000**	**25,62,953**
- Resident Doctors	-			
- Nursing Staff	**45,57,937**	**92,32,751**	**1,40,024,440**	**1,62,08,105**
- Other Staff	**49,52,186**	**64,50,328**	**1,01,16,528**	**1,20,45,506**
Diet	**35,69,423**	**38,05,953**	**41,06,965**	**43,56,906**
Drugs	**1,83,53,672**	**2,71,42,086**	**3,25,06,129**	**3,54,56,021**
Contingencies	**1,43,26,041**	**2,14,06,541**	**2,41,06,963**	**2,69,41,432**
Others	**40,39,061**	**53,46,961**	**51,63,063**	**46,29,436**
Total	**5,14,17,554**	**7,55,32,954**	**9,23,88,088**	**10,22,00,359**

4.2.2 How does the institution ensure optimal utilization of budget allocated for various activities?

The finance committee monitors effective, efficient utilization of budget for allocated activities. The committee reviews the status once in 6 months.

4.2.3 Does the institution appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained?

A committee and Assoc, Dean for support services monitors and maintains repair of the infrastructure facilities services and equipments. A workshop and trained work force is available a condemnation committee evaluates all equipments ones in year and initiates appropriate actions.

4.3 Library as a Learning Resource

4.3.1 Does the library have a Library Advisory Committee? What are its major responsibilities?

Policy:

Library needs to be furnished with all necessary infrastructures and learning resources conducive for undergraduates, advanced learners and research activity. Library should have facilities, which excel in meeting the needs of each department, learner and other users

Composition

Library Advisory Committee

a) Principal

b) Vice-Principal & All HOD's

c) Librarian

d) One UG student invitee member - Yes

e) One PG student invitee member - Yes

Objectives and Accountability

- The library advisory committee shall thoroughly evaluate the inputs of various departments under learner and advanced learner centered perceptive.
- The committee shall provide innovative infrastructure facilities, which further excels existing academic ambience.

Mechanism

This committee should meet once in 2 months and submit reports with necessary recommendations, once in 3 months to the Heads of the department meeting.

- Improvements in the library services:
- New books/journals subscribed and their value:

Submits compliance Checklist of library to IQAC

4.3.2 H o w does the library ensure access, use and security of materials?

The Library of —Medical College & Hospital was set up in the year 2005 and has since been upgraded with the latest of all information catering to the needs of all specialties of —. The beauty of this library is that if a student has to get his seminar or dissertation done; the library has all the facilities required - information in the form of books and journals, internet for surfing, print out facility and even spiral or thermal binding is done within the walls of the library itself. The student can go out of the library with the bound book in his hand.The library is divided into various sections having a total of 4200 sq mts area. It has a reading room; where students can read their own books. The main library has a seating capacity of about 300; which is very well ventilated and illuminated even in case of power-cuts. The under-graduate section is separated from the post-graduate section respecting their separate needs for space and concentration required. The library has a Audio-Visual room which is stacked with VCR, TV, Audio-Video Cassettes; which is very instrumental for the overall growth of student. Every Department can utilize the Audio-Visual room turn-wise. Besides these, there are separate rooms for acquisition purpose, lamination and spiral binding too.The students have the opportunity of browsing the internet from 9 am to 11 pm and there is a separate section with LCD screens for Medline search. The various services provided by the library:-

A) Any new arrivals to the library - be it books or journals would be scanned and their details entered for scroll-wise referencing in the library. The library also possesses various general books like Encyclopedias, Library of nations, Colour Atlas series, Year Book, Medical Annual series and WHO Book series. The Library has general facilities like display board, new arrival section, water-cooler and toilets

B) The list of books and the back volume journals have been enlisted and data entry done.

C) The cataloging data entry is available for viewing by a touch-screen and it includes the details like Author wise, Title wise, Subject wise and location wise.

- The library is open access and books are allowed to be kept till examination with the students , appropriate guide lines and user instructions are available
- Qualified staff are appointed and are trained to meet the library performance needs

The library staffs under the guidance of library advisory committee ensure access and security of materials.

4.3.3 What are the various support facilities available in the library? (computers, internet, band width, reprographic facilities etc.)

Various support facilities available in the library, Computer facilities, Medline Search, Audio / Video facilities, List of New arrivals is circulated to all departments.,CD-ROM searches. Photocopy, Lamination, Spiral binding and Thermal binding., Slides & Video viewing, Scanning Facilities, Current awareness services of new acquisition, Access of the on-line and internet services in the library to the students and faculty,(hours, frequency of use, subscription, licensed software),9 AM to 11 PM, Unlimited usage, Display Board, Notice Board, Reading Room Scrolling of new Books, Journals and A/V, CD-ROM for reference Generator Back Up, Wheel Chair, ICT, Computerization, Scanner, Printer,

4.3.4 How does the library ensure purchase and use of current titles, important journals and other reading materials? Specify the amount spent on new books and journals during the last five years.

The library advisory committee monitors 55 key indicators of library performance. Library user feed backs are collected analyzed and actions initiated on areas for improvement.

4.3.5 Give details on the access of the on-line and Internet services in the library to the students and faculty. (hours, frequency of use , subscriptions, licensed software etc.,).

The timings of the library are from 9 am to 11 pm; on general holidays it is open from 9 am to 1 pm. The library is open throughout the year except for four days.

4.3.6 Are the library services computerized? If yes, to what extent?

Library services are fully computerized with the software

4.3.7Does the institution make use of INFLIBNET / DELNET/IUC facilities? If yes, give details.

Helinet

College is a member of HELINET Consortium of RGUHS (Rajiv Gandhi University of Health Sciences), since 2005-06, HELINET is a Health Sciences information network which enables our members of faculty and students to have quick and easy access to e-

resources, such as -

(1) 43 e-journals in Medical sciences;

(2) 263 e-journals and 8 no's e-books in Medical Sciences;

(3) 72 print Indian Journals through Document Delivery System and

(4) LWW (Lippincott William Wilkins) archival e-journals in Medical Sciences available for Document Delivery @ RGUHS. In case of e-resources at serial numbers 1 and 2, our members of faculty and students are having access to 306 e-journals and e-books daily, in the Internet Section of our Library and Information Centre. Whenever they need any paper or part of a book, they download and take hard copies, since two printers are available.

They can request our Chief Librarian who will provide the same after obtaining it from RGUHS, under Document Delivery System.E-resources of HELINET as mentioned above. These e-resources will be enriched by RGUHS periodically and the same will be available to us.

4.3.8 What initiatives are taken by the library staff to enrich the faculty and students with its latest acquisitions?

The library displays latest arrivals and communicates the entire concerned department to enrich the faculty and students.

4.3.9 Does the library have interlibrary borrowing facility? If yes, give details of the facility

The library maintains inter library borrowing facility among the colleges managed by the association

4.3.10 What are the special facilities offered by the library to the visually- and physically- challenged persons?

The college has provided ramp and vehicle chair facilities for physically challenged persons. Specific need based physical assistance is provided

4.3.11 List the infrastructural development of the library over the last two years

- New computers were installed for Internet purpose.
- New Colour Xerox machine was purchased.
- Re conditioning of the damaged chairs.
- The proposal to change the flooring of the Library has been forwarded.
- New Water cooler has been installed.
- New Internet server has been installed.
- New Library access server.

4.3.12 What other information services are provided by the library to its users?

The library has published student's library information booklet which comprehensively gives information of the services and utilizations of library facilities.

4.3.13 If the library has an archives section, to what extent is it used by the readers and researchers?

The library has journal sections and is being optimally utilized by readers, faculties and PG students.

4.4 ICT as Learning Resources

4.4.1 Does the Institution have up-to-date computer facility? If yes, give details on the available hardware and software (Number of computers, computer-students ratio, stand alone facility, LAN facility, configuration, licenced software etc.)

LCD Projector List

S.No	Name of Department	Model	Total No
1	Forensic Medicine	Epson	01
2	Community Medicine	Epson	01
3	Pathology	Epson	01
4	Pharmacology	Epson	01
5	Physiology	Epson	01
6	Medical education Unit	Epson	01
7	Bio-Chemistry	Epson	01
8	Anatomy	Epson	02
9	Micro-Biology	Epson	01
10	Medicine	X-Series	01
11	TB&CD	Epson	01
12	ENT	Epson	01
13	Pediatrics	Epson	01
14	OBG	Epson	01
15	Dermatology	Epson	01
16	Ophthalmology	Epson	01
17	Anesthesiology	Epson	01
18	Orthopedics’	Epson	01

19	Radiology	Epson	01
20	Psychiatry	Epson	01
21	Auditorium Hall	Optoma	01
22	Lecture Hall 01	Sony	01
23	Lecture Hall 02	Sony	01
24	Lecture Hall 03	Sony	01
25	Lecture Hall 04	Sony	01
26	Lecture Hall 05	Epson	01
27	Lecture Hall 06	Epson	01
	TOTAL		**28**

Printer Stock Details

Sl no	Department	HP p1007	HP 1020	Cannon LBP2900	Total
1	MS Office	-	2	-	2
2	Depth. Of Ortho	-	1	1	2
3	Blood Bank	1	-	-	1
4	Accounts Hospital	1	-	-	1
5	Pharmacy	1	2 (Dot Mat)	1	4
6	Depth. Of Bio Chemistry	2	-	1	3
7	Civil	-	-	2	2
8	Yashaswini	1	-	1	2
9	Project Office	1	1	1	3
10	Anatomy	1	-	-	1
11	Physiology	1	-	-	1
12	Central Research Lab	2	-	-	2
13	Pathology	4	1	-	5
14	Bio Medical	1	-	-	1
15	Dialysis	-	-	1	1
16	Dept. of Medicine	1	-	1	2
17	ICTC	-	-	1	1
18	Dept. of Physiotherapy	1	-	-	1

19	Dept. of TBCD	1	-	-	1
20	Dept. of ENT	1	-	2	3
21	Dept. of Microbiology	2	-	-	2
22	MRD	3	5(Dot Mat 4)	1	9
23	Dept. of Pediatrics	2	-	1	3
24	Dept. of Surgery	1	-	1	2
25	Store	1	-	-	1
26	Dermatology	1	-	-	1
27	Anesthesiology	1	-	-	1
28	Dept. of OBG	-	-	1	1
29	Admin Office	3		3	6
30	Library	-	1	-	1
Total		34	13	19	66

Sl no	Department	Hp color jet 1600	Hp color jet 1215	Total
1	Project office	1	-	1
2	Dep.of OBG	1	-	1
3	Admin office	-	1	1
	Total	2	1	3

COMPUTER SYSTEMS STOCK

S.no	Department	Acer	Zenith	HCL	Total
1	Admin office college	18	05	0	23
2	Civil	01	03	0	04
3	Central Research Lab	06	02	0	08
4	ENT	03	02	0	05
5	Store	01	01	0	02
6	Ms office	0	0	02	02
7	Surgery	0	01	01	02
8	Library	08	27	09	44
9	TBCD	01	01	0	02
10	Psychology	0	01	0	01
11	ICTC	0	01	0	01

12	Pharmacy	01	04	0	05
13	Ortho	01	0	01	02
14	Blood Bank	0	01	0	01
15	Medicine	02	0	01	03
16	Dialysis	0	01	0	01
17	Biomedical	0	0	01	01
18	Admin office hospital	02	01	0	03
19	OBG	0	01	02	03
20	Anesthesia	01	0	01	02
21	Telecom	0	0	01	01
22	Pediatrics	0	03	0	03
23	Dermatology	01	0	01	02
24	MRD	06	0	03	09
25	Microbiology	02	0	0	02
26	Bio chemistry	01	0	0	01
27	Pathology	02	0	0	02
28	Radiology	01	02	02	05
29	Yashaswini	01	0	01	02
30	Lecturer Halls	0	0	04	04
Total		58	57	30	146

4.4.2 Is there a central computing facility? If yes, how is it utilized for staff to students?

A central computing facility is provided, the staff and students utilize the facilities for their academic and project works. The other facilities like scanners and printers and coral, photo shop operators and necessary software's and accessories are provided.

4.4.3 How are the faculty facilitated to prepare computer-aided teaching/ learning materials ?What are the facilities available in the college for such efforts?

The college has electronic digital possessing cell, a competence person is in charge of this cell. The cell has all the computer's hardware and software color laser printers scanners, and such facilities. In addition the college has central typing pool. All the

faculties are aggressive trained in using ICT enabled services for preparation of CAL power point and such other course material.

All the departments have computers and other accessory facilities including appropriate soft wares,faculty and students are trained in effective and efficient use of facilities for teaching learning and administrative activities. LCD s are regularly employed .in addition institution has electronic digital processing cell (EDP cell) with competent personnel and equipments deployed and used by the students and faculty.

4.4.4 Does the Institution have a website? How frequently is it updated? Give details.

The institution has website (www.rrmch.org) and a committee monitors the regularity of update of website. The procedure for updating website is as follows any material to be updated an representation be submitted through HODs to Principal clearly mentioning the existing and to be changed to after verifying by the committee the principal permits for website updating. Once such order is signed the website committee implements the change and informs both the principal and the person requested to updated committee. At any given time the website contains the latest information.

4.4.5 How often does the institution plan and upgrade its computer systems? What is the provision made in the annual budget for update, deployment and maintenance of the computers in the institution?

Infrastructure committee collets monthly feedback on performance of entire ICT facilities from all departments and initiate any preventive and corrective actions appropriately. Competent personnel are appointed for the purpose.

4.4.6 How are the computers and their accessories maintained? (AMC etc.)

The college has annual maintenance contract for maintenance of all ICT enabled services across the campus, one learned and competent person is posted on the campus to meet the ICT service and maintenance needs.

4.5 Other Facilities

4.5.1 Give details of the following facilities:

a) Capacity of the hostels (to be given separately for boys and Girls)
b) Occupancy
c) Rooms in the hostel (to be given separately for boys and Girls)

The Details of the —Medical College Hostel

	Capacity
Boys Hostel	190
Girls Hostel	180

a. Occupancy

	No. occupied
Boys Hostel	188
Girls Hostel	134

d) Recreational facilities

e) Sports and Games (Indoor and Outdoor) facilities

f) Health and Hygiene

The facilities provided to the boarders are

- In our hostel, each room is having measurement of 11' x 13' with attached toilets, l Nos .we have provided, two cup boards, 2 steel cots, 2 peacock chairs, 2 duroflex beds, lcealing fan, 1 tube light and 1 dustbin in each room. Hand wash, each hand wash fix the mirror, Solar water 7 Nos. taps in each room two numbers.
- Our mess is running under dividing system. We are providing both Veg & non-veg. food to our boarders, served in the common dining hall. Our present Mess strength ranges from 175-200. We provide food considering the food habits of different parts of the country. It is managed by the boarders only. Each month, one boarder will become prefect and he will run the mess under the supervision of the hostel office.The main high light of our mess includes the most hygienic and taste food and absolute discipline, and also provided world space satellite Radio & Music system in the Mess.Hostel is having four story building for boarders. Top floor fitted the Water Cooler & 2 No Aqua guards water facility has been provided in each floor.We have a separate telephone room with two telephone connections No.. Telephones attender will be regularly supervising the telephone calls coming and call the concerned boarder.We have provided 24 hours Generator facility to our boarders, whenever there is Electricity failure, the Generator will start immediately.
- The capacity of generator is 75 K.V.A.There is facilities for indoor games like T.T.Room, Badminton court , Carrom and Gymnasium. The Gymnasium room has been provided with all the necessary equipments and instruments like in any other Gymnasium, and also

provided world space satellite Radio & Music system in the Gymnasium. Also, there is separate Reading room, where the boarders will get important National and local daily newspapers and weekly/ monthly magazines to read.

- Inside the hostel campus:-
  (a) We have a beautiful garden,
  (b) scooter and car parking stands
  (c) Dhobi shop
  (d) Barber shop &
  (e) ISD & STD booth.
  We are providing hot water facility for all 24 hours, through Solar system and wood firing, depending upon the climate conditions.
- There is separate T.V.room where boarders can enjoy entertainment Dish T.V. & Tata Sky Satellite Television facilities like music, sports, science news items etc., We have provided on 51" color T.V. in 100 capacity T.V. hall. There are fixed timing for watching T.V. considering the study timings of the boarders
- There are few workers rooms in the rear block just above the mess with common bathroom facility.
- We also have a wide, spacious and beautiful Guest room wherein we have provided sofas etc.,Every year we celebrate Independence day and Republic day in our hostel. Both college staff and the boarders will participate in the function. On this occasion, there will be illumination of whole hostel building and campus, Flag hoisting, patriotic songs, speeches, and the National Anthem.Also, the important festival like Ganapathi Pooja, Deepawali, Gurunanak Jayanthi, Eid and Christmas will be celebrated every year.We have also provided World space music facility in the hostel mess, so that boarders can also enjoy the light and melodious music while dining in the mess. On all Thursday and Sundays, there will be special food preparation in the mess for both Veg. and Non-Veg. boarders. Our hostel is having the unique distinction of getting the 24 hours water supply throughout the year. We have both Corporation and bore-well water supply. Dustbins have been placed in every corner of the hostel so that everyone through the waste items into them and maintain the cleanliness throughout the hostel
- Health and Hygiene (Health Care centre, Ambulance, Nurse, Qualified Doctor (full time/part time etc.)

- The hospital is equipped with three ambulances.
- We have 24 hours Medical officer in the campus.
- Warden arranges to attend to any medical emergencies in the Hostel.The management also has its own medical college and PG centre which caters to every health care service's needs.
- Child Day Care Centre-One of the Rooms in the Girls Hostel is designated as CDCC & is used by the women faculty of the college to lodge their children under the care of attender during their working hours.

4.5.2 How does the institution ensure participation of women in intra-and inter- institutional sports competitions and cultural activities?

Student's council and all the committee under IQAC are represented equally by male and female students. Hence the object is are appropriately ensured

4.5.3 Give details of the common facilities available with the Institution (Staff room, day care centre, common room for students, rest rooms, health centre, vehicle parking, guest house, Canteen, telephone, internet cafe, transport, drinking water etc.)

a. Staff Room	-	Yes
b. Day Care Centre	-	Yes
c. Common Room for Students	-	Yes
d. Rest Rooms	-	Yes
e. Health Center		Yes
f. Vehicle Parking	-	Yes
g. Guest House		Yes
h. Canteen	-	Yes
i. Telephone	-	Yes
i. Internet Cafe	-	Yes
k. Transport	-	Yes
l. Drinking Water Etc	-	Yes

4.5.4 What physical facilities does the teaching institution/hospital provide in terms of building (for the medical institution, hospital and residential quarters), diagnostic and therapeutic equipments, computers, management and information system and the important fittings and fixtures?:

Electricity supply:

Electricity supply arrangement made to RajaRajeswari Medical College and Hospital is from

FROM the BESCOM-Sanctioned load -450 KVA, Applied for the additional load - Existing 450 KVA + 150 KVA additional load = Total will be 600 KVA-By means of 750 KVA existing transformers. From DG Sets-400 KVA D.G Set,380 KVA D.G Set, Hospital basement to the top floor including lifts and all the departments.MRI unit,CT Scanning Unit, Annexure building ground floor to top floor. Medical college, Old STP, Library, C.C.C.L building , Ladies Hostel, Nurses Hostel, Interns Hostel s light, ACS Convention Hall, All street lights up to Staff Quarters. Safety devices are provided at every point. Please Note : For change over it takes 3 minutes time and U.P.S are provided at important units and for lighting emergency lamps are provided and in some places emergency lamps will be provided work under progress.

a. civil, electrical and mechanical maintenance organization,

b. annual maintenance contract for bio-medical equipments, computers and other such machines/gazettes'

c. in-house equipment maintenance & repair workshop.

In-house equipment maintenance & repair Workshop.The College has workshop to maintain medical chairs, mechanical, electrical and equipments competent personnel are appointed and trained to attend maintenance work.

4.6 Best Practices in Infrastructure and Learning Resources

4.6.1 What innovations/best practices in 'Infrastructure and Learning Resources' are in vogue or adopted/adapted by the institution?

- The best practices are constitution of committee for infrastructure and learning resources incorporating student's members. The committee collects feedbacks from library users on 55 indicators and after analysis initiates actions for improvement.
- The college has library advisory committee with excellent infrastructure.
- Book bank facilities, interlibrary exchange, and timings of the library are well user friendly. Library is fully computerized and automated, good number of both national and international journals, and state of the art e-library, electronic digital processing cell is EDP cell and printing facilities are provided with sufficient space and facilities for different users.
- The institution has constituted condemnation committee which evaluates infrastructure and learning resources across institutions and submits recommendations for improvements.
- Committee for ICT services evaluates the entire education systems and recommends areas for improvement.
- ICT integration at all constituents of the system and users are well trained in using the

facilities. Wi-Fi facilities are provided across the campus. All the sections and departments have computers and internet.

- Library users awards are given

Criterion-V. Student Support and Progression

5.1 Student Progression

5.1.1 Socio-economic profile [General , SC/ST , OBC etc.,] of the students of last two Batches

		2011 - 2012		2012 - 2013	
	Total No of Seat	Batch I	Batch II	Batch I	Batch II
1.	SC	15	08	15	05
2.	ST	-	04	-	02
3.	OBC	-	-	-	-
4.	WOMEN	-	-	-	-
5.	RURAL	-	-	-	-
6.	GENERAL	85	88	77	56

Enrolment	**YEAR**	**UG**			**PG**			**Diploma / Certificate**		
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Number of students from the same state where the institution is located	2007-08	15	28	43	-	-	-			
	2008-09	14	29	43	-	-	-			
	2009--10	29	41	70	-	-	-			
	2010--11	26	52	78	-	-	-			
	2011-12	26	50	76	06	11	17			
	2012-13	29	44	73	10	20	30			
Number of students from other states	2007-08	27	30	57	-	-	-			
	2008-09	33	24	57	-	-	-			
	2009--10	16	14	30	-	-	-			
	2010--11	13	09	22	-	-	-			
	2011-12	36	34	70	10	05	15			
	2012-13	28	46	74	23	11	34			
Number of NRI	2007-08	-	-	-						

students	2008-09	-	-	-	-	-	-			
	2009--10	-	-	-	-	-	-			
	2010--11	-	-	-	-	-	-			
	2011-12	-	03	03	02	-	02			
	2012-13	03	-	03	-	-	-			
Number of overseas students	2007-08	-	-	-	-	-	-			
	2008-09	-	-	-	-	-	-			
	2009--10	-	-	-	-	-	-			
	2010—11	-	01	01	-	-	-			
	2011-12	-	-	-	-	-	-			
	2012-13	-	-	-	-	-	-			

5.1.2 Efforts made by the institution to minimize the drop out rate and facilitate the students to complete the course .

1. Each department has a mentorship programme , where in students are allocated teachers who act as their mentors and counsel them to encourage studying and teach them some innovative methods which they can adopt to improve their studies .Also try to boost their morale and sort out any issues related to studies .
2. All the departments have implemented continuous performance assessment cards by which underperformers are identified and appropriate measures initiated as remedial drill.
3. Each department's HOD will identify such students and arrange for a parents-teachers meeting individually so that any issues which could be either some personal problems or some studies related issues can be discussed and sorted out.
4. In case the mentor feels that the student requires some professional help in the form of 'student counsellors' the matter will be discussed with the HOD and the management and arrangement for the same will be made.
5. Also the departments will arrange for sessions where in such students will be given tips on how to study and the list of most likely questions on each chapter .
6. The department will arrange for open book type of tests and feedback will be given to the students depending on their performance on how to improve in their answering , which are the key points to be written for particular questions.

7. Home Assignments will be given and will be discussed individually by the mentors.
8. Extra classes will be arranged for such students if required.

5.1.3 Details for the last two years [UG to Ph.D and / or to employment] regarding percentage of student's progress to further studies and for employment .

Generalized data of results for the year June/July2012-2013 :

1	Total No. of students appeared for examination	346
2	Total No. of Students passed with distinction	11
3	Total No. of Students passed with 1st class	60
4	Total No. of Students passed with 2nd class	40
5	Total No. of students passed	178
6	Total percentage of pass	51.45%

Generalized data of results for the year Dec/Jan 2012-2013 :

1	Total No. of students appeared for examination	367
2	Total No. of Students passed with distinction	10
3	Total No. of Students passed with 1st class	69
4	Total No. of Students passed with 2nd class	65
5	Total No. of students passed	219
6	Total percentage of pass	59.67%

Generalized data of results for the year Dec 2011 :

1	Total No. of students appeared for examination	271
2	Total No. of Students passed with distinction	2
3	Total No. of Students passed with 1st class	56
4	Total No. of Students passed with 2nd class	72
5	Total No. of students passed	177
6	Total percentage of pass	65.31%

Generalized data of results for the year Jun/July 2011-2012

1	Total No. of students appeared for examination	284
2	Total No. of Students passed with distinction	3
3	Total No. of Students passed with 1st class	40
4	Total No. of Students passed with 2nd class	41
5	Total No. of students passed	119
6	Total percentage of pass	41.9

Results of final MBBS [part- 2] June/ July 2012-2013

1	Total No. of students appeared for examination	38
2	Total No. of Students passed with distinction	1
3	Total No. of Students passed with 1st class	6
4	Total No. of Students passed with 2nd class	5
5	Total No. of students passed	35
6	Total percentage of pass	92.10%

Results of final MBBS Dec/Jan 2012-2013

1	Total No. of students appeared for examination	135
2	Total No. of Students passed with distinction	8
3	Total No. of Students passed with 1st class	38
4	Total No. of Students passed with 2nd class	53
5	Total No. of Students passed with pass class	9

6	Total No. of students passed	108
7	Total percentage of pass	80.00%
8	Total No. of students failed	27
9	Total No. of students withheld	nil

5.	Examination Results (past five years)															
	UG					PG					M. Phil					
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
2006-07																
% of passes	54	-	-	-	-											
Number of first classes	27	-	-	-	-			**Not Applicable**								
Number of distinctions	01	-	-	-	-											
Rank if any	Nil	-	-	-	-											
2007-08																
% of passes	48	-	-	-	-											
Number of first classes	19	-	-	-	-			**Not Applicable**								
Number of distinctions	01	-	-	-	-											
Rank if any	Nil	-	-	-	-											
2008 – 09																
% of passes	39	81	-	-	-											
Number of first classes	19	17	-	-	-			**Not Applicable**								

Number of distinctions	02	-	-	-	-										
Rank if any	-	-	-	-	-										
2009 - 10															
% of passes	34	69	78												
Number of first classes	19	24	08					**Not Applicable**							
Number ofdistinctions	01	01	-												
Rank if any	-	-	-												
2010-11															
% of passes		53	73	84											
Number of first classes		13	27	12				**Not Applicable**							
Number of distinctions		01	-	-											
Rank if any	-	-	-	-											
2011 - 12															
% of passes	44	92	83	67											
Number of first classes	32	20	28	08				**Not Applicable**							
Number of distinctions	03	02	-	-											
Rank if any	-	-	-	-											
2012-13															
% of passes	33	56	80	80											
Number of first classes	30	31	24	14				**Not Applicable**							
Number ofdistinctions	10	02	08	-											
Rank if any															

Subject wise percentage [MBBS]: 2011 data.

Sl No	Subjects	Appeared	Passed	Percentage
1.	Anatomy	53	10	19.00%
2.	Physiology	71	24	34.00%
3.	Biochemistry	69	18	26.00%
4.	Pathology	88	51	58.00%
5.	Microbiology	84	52	62.00%
6.	Pharmacology	79	48	61.00%
7.	Forensic Medicine	63	50	79.00%
8.	Community Medicine	58	57	98.00%
9.	Ophthalmology	61	55	90.00%
10.	Otorhinolaryngology	64	55	86.00%
11.	Pediatrics	66	53	80.00%
12.	General Medicine	68	58	85.00%
13.	General Surgery	68	58	85.00%
14.	OBG	65	56	86.00%

Subject wise percentage [MBBS] : 2012 data.

Sl No	Subjects	Appeared	Passed	Percentage
1.	Anatomy	185	70	37.00%
2.	Physiology	189	90	47.00%
3.	Biochemistry	193	68	35.00%
4.	Pathology	61	42	68.85%
5.	Microbiology	53	40	73.58%
6.	Pharmacology	52	40	76.92%
7.	Forensic Medicine	34	30	85.00%
8.	Community Medicine	33	32	97.00%
9.	Ophthalmology	40	35	87.50%
10.	Otorhinolaryngology	36	32	88.88%
11.	Pediatrics	27	24	89.88%
12.	General Medicine	25	23	92.00%
13.	General Surgery	32	31	96.87%
14.	OBG	24	23	95.83%

Batch wise details of undergraduate students :

	Year	Batch	Intake			Performance			
			Total	Boys	Girls	Distinction	I Class	II Class	Failure
2005 – 2006 Batch	I MBBS Sept 2006	Regular	100	45	55	1	27	25	46
	II MBBS	Regular	54	24	29		17	27	10
	III MBBS	Regular							
	IV MBBS	Regular							

	Year	Batch	Intake			Performance				
			Total	Boys	Girls	Distinction	1st class	2nd class	Pass class	Failure
2007 Batch	Ist MBBS	Regular	100	42	58	1	27	25	nil	47
	2nd MBBS	Regular	54			nil	17	27	nil	10
	3rd MBBS [part 1]	Regular	50			2	35	11	-	2
	3rd MBBS [part 2]	Regular	49			-	9	33	-	7

Results of MD/MS Examinations :

Not applicable

5.1.4 How does the institution facilitate of its outgoing students ? What proportions of the graduating students have been employed ?

The college has a placement cell which continuously provide information on job opportunities. The college also conducts and motivates self employment of the outgoing graduates by conducting 2 days programme for self employment .During the programme the students are briefed in detail regarding the following also ,

1. **Pursue of higher studies :** Various courses available their advantages and scope .Preparation required for pursuing higher studies. Books which need to be referred and other study materials.MD/MS courses , Diploma courses ,Fellowship programmes , DNB programmes etc.,
2. **Government jobs :** Various opportunities and scope for employment under state as well as the central government .Examinations which need to be written .Interview to be attended.
3. **Self employment :** Information regarding setting up of private practice , advantages and scope . How to establish ourselves in private practice , progress , establishing contacts .For those who are wanting to start their own laboratories , information regarding setting up of one , availing loan and other information which is required.
4. **Clinical Research :** Courses available. Information regarding importance of pursuing clinical research and its scope. Requirements and job opportunities available at national and international scenario.
5. **Research :** Students can enroll themselves in various projects by WHO , ICMR and other organizations .Information regarding the same and scope .For post graduate students information regarding PhD programmes and Fellowships .

5.1.5 How does the institution facilitate and support students for appearing and qualifying in various competitive examinations ? Give the details on the number of students coached , appeared and qualified in various competitive examinations .[DNB , USMLE , PLAB, UPSC and Civil Services].

The college encourages and motivates students to appear for DNB , USMLE , PLAB, UPSC and Civil Services.

Appropriate books for such training are made available in the library.

Second batch of students have just passed out and have started to prepare for the above examinations.

The management is planning to have a tie up with reputed institutions abroad in connection with exchange study programme for enrichment of knowledge in the coming years.

5.1.6 Give a competitive analysis of the institutional academic performance with reference to other colleges of the affliating university and the university average .[Pass percentage , Distinctions, Gold medals and University Ranks , Marks obtained in relation to university average etc., Last five years data.

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL
ACADEMIC AWARDS – 2005-2006 BATCH

MBBS Phase – I

Anatomy	- Sangeetha P Bhat
Physiology	- Anagha B K
Biochemistry	- Sunitha Raghu Kumar

MBBS Phase – II

Pathology	- Laasya Vasistha
Microbiology	- Sangeetha P Bhat
Pharmacology	- Sunitha Raghu Kumar
Forensic Medicine	- Sangeetha P Bhat

MBBS Phase – III Part - I

Community Medicine	- Sangeetha P Bhat
Ophthalmology	- Swathi A R
ENT	- Rasika R

MBBS Phase – III Part - II

Pediatrics	- Rasika R
General Medicince	- Sangeetha P Bhat
General Surgery	- Rasika R
OBG	- Sangeetha P Bhat

Over all Topper - Sangeetha P Bhat

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ACADEMIC AWARDS – 2006-2007 BATCH

MBBS PAHSE I	NAME	TOTAL MARKS
1.Anatomy	Pooja C Patil	324

2. Physiology	Rashmi C	295
3. Biochemistry	Pooja C Patil	149
MBBS PAHSE II	**NAME**	**TOTAL MARKS**
1. Pathology	Poorva D Sarasu	299
2. Microbiology	Meghana Prabhu S	294
3. Pharmacology	Meghana Prabhu S	304
4.Forensic Medicine	Sushma Raj Gopal	143
MBBS PAHSE III (Part I)	**NAME**	**TOTAL MARKS**
1.Community Medicine	Madhuri K R	292
2. Opthalmology	Arul Selvi	176
3. ENT	Gayathri P	169
MBBS PAHSE III (part II)	**NAME**	**TOTAL MARKS**
1. Paediatrics	Meghana Prabhu S	188
2. Medicine	Sushma Raj Gopal	387
3. Surgery	Meghana Prabhu S	341
4.OBG	Pooja C Patil	381

Best outgoing student (Academics) ------ Meghana Prabhu S (4 Gold Medals)

5.2 Student Support.

5.2.1 Does the institution publish its updated prospectus , hand book and other student information annually ? If yes , what is the information disseminated to students through these publications ?

The college has initiated a student hand book which is edited periodically .The hand book provides clear information to students regarding admission , completion requirement for all programmes ; the fee structure and refund policies; financial aid and student support services , library information rules of the college , list of awards , research funds.

5.2.2 Does the institution provide financial aid to students ? If Yes , specify the type and number of scholarships / free ships given to students during the last academic year by the institution [other than those provided by the social welfare departments of the State or Central Governments].

The Institution provides financial aid to brilliant but financially downtrodden students in order to encourage and to support their educational expenses. Also the university toppers are felicitated and given cash prizes by the institution.

Details of free ship and scholar ship given :

Total No of Students	Free ship	Scholar ship	OBC	Amount
10	3	7	nil	Rs.65,000

	Any other financial support schemes [specify] Research Projects	 Rs. 5,00,000/-

For subject wise toppers [college] a sum total of Rs.1,50,000 /- has been dedicated as cash prize money , each amounting to Rs.10,000/- per subject.

Student Insurance: sum assured is Rs.100,000/=premium payable is Rs.22.88 /- per annum Company is Cholamandala insurance

5.2.4 What type of support services are available to overseas students ?

Single window services are provided to overseas students , they are assisted by giving needy information , assistance in police clearance , domestic assistance , priority in allocating hostels and other help in needy situations and are made to feel at home.

5.2.5 Give details of the placement and counseling services for the students .

The college has a placement cell which continuously provides information on job opportunities. The college also conducts and motivates self employment of the outgoing graduates by conducting 2 days programme for self employment . During the programme the students are briefed in detail regarding the following also ,

1. **Pursue of higher studies :** Various courses available their advantages and scope Preparation required for pursuing higher studies. Books which need to be referred and other study materials.MD/MS courses , Diploma courses ,Fellowship programmes , DNB programmes etc.,
2. **Government jobs :** Various opportunities and scope for employment under state as well as the central government .Examinations which need to be written .Interview to be attended.
3. **Self employment :** Information regarding setting up of private practice , advantages and scope . How to establish ourselves in private practice , progress , establishing

STUDENT CHARTER

A. Institution's responsibilities towards the students :

- Communicate aims and objectives to all the students.
- workout programmes to achieve these aims and objectives.
- Periodically obtaining feedback from students so as to enable the review of training program.
- To ensure effective teaching-learning programmes as ongoing project.
- To ensure that over all progress of students is monitored continuously and the assessment mechanism is reliable to provide all the information about admission procedures, fee structure, refund policies and other resources of support available to the students.

B. Student's responsibilities of learning:

- The students shall appreciate the institution's growth and objectives and work towards realizing these objectives.
- Students should be aware and be updated about admission policy, rules and regulations of the institution.
- Make optimum use of learning resources and other services available in the institution.
- Preparation for periodical internal assessment and University Examinations diligently.
- Feed back for system improvement towards short term and long term learning experiences.
- To leave as worthy alumni of the institution.

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#202, Kambipura, Mysore Road, Bangalore - 560074

contacts .For those who are want to start their own laboratories , information regarding setting up of one , availing loan and other information which is required.

4. **Clinical Research :** Courses available. Information regarding importance of pursuing clinical research and its scope. Requirements and job opportunities available at national and international scenario.

Research : Students can enroll themselves in various projects by WHO , ICMR and other organizations .Information regarding the same and scope .For post graduate students information regarding PhD programmes and Fellowships .

5.2.6 How does the institution encourage and develop entrepreneurial skills among the students ?

Internship orientation programme is conducted for the students who have passed out before beginning their internship . During this programme which is conducted for two days every year , each department HOD's will brief up the students regarding basic skills required to begin their internship , so that they can provide quality care for the patients of our hospital.

Also personality development courses , few lectures on team working , decision making , problem solving and time management are conducted .

5.2.7 Does the faculty participate in academic and personal counseling ? If yes , give details on services provided during last academic year .

1) Each department has a mentorship programme , where in students are allocated teachers who act as their mentors and counsel them to encourage studying and teach them some innovative methods which they can adopt to improve their studies .Also try to boost their morale and sort out any issues related to studies .
2) All the departments have implemented continuous performance assessment cards by which underperformers are identified and appropriate measures initiated as remedial drill.
3) Each department's HOD will identify such students and arrange for a parents-teachers meeting individually so that any issues which could be either some personal problems or some studies related issues can be discussed and sorted out.

4) In case the mentor feels that the student requires some professional help in the form of 'student counsellors' the matter will be discussed with the HOD and the management and arrangement for the same will be made.
5) Also the departments will arrange for sessions where in such students will be given tips on how to study and the list of most likely questions on each chapter .
6) The department will arrange for open book type of tests and feedback will be given to the students depending on their performance on how to improve in their answering , which are the key points to be written for particular questions.
7) Home Assignments will be given and will be discussed individually by the mentors.
8) Extra classes will be arranged for such students if required .

Faculty participation in academic and personal counseling is continous and ongoing process throughout the program by teachers through mentorship , underperformers middiagnostic survey , remedial drill , continuous performance assessment in all the departments , parent teacher interactionprovide total academic ad personal counseling on an average 6 students are metored by teachers. However a grossly deviated students , not responding to the counseling , a professional help will be sought.

5.2.8 Is there a separate guidance and counseling centre for women students ? If yes, enumerate the activities of the centre.

Yes , Separate guidance and counseling centre for women students is provided . It has been named as 'Vishakha' committee.

Five female faculties have been nominated as members and two female student representatives as the secretaries. [List enclosed].

The functions of the committee are as follows :

1. Provides academic as well as personal guidance and help to the female students .
2. Prevention/ action against sexual harassment of women students.
3. Provides guidance related to job opportunities , higher learning .
4. Ensuring safety and security of female students.
5. Providing adequate privacy and healthy environment for female students.
6. An emergency telephone number has been provided by the committee to the female students who can without hesitation make a call 24 hrs round the clock and communicate regarding their problems in case of any emergency.

5.2.9 Is there a Cell/Committee constituted for prevention of sexual harassment of women students ? If yes , detail its constitution and enumerate is activities [issues addressed during the last two years]

Refer 5.2.8 -So far no such untoward incidents have happened in the last two years.

5.2.10 Does the institution have a grievance redressal cell ? If yes , what are its functions? Detail the major grievances redressed during the last two years .

The college has a grievance redressal cell to deal with day to day problems of students , staffs and patients .the complaint redressal document has clearly set mechanism to address such issues . No major grievances have in the past.

Feedbacks collected for this purpose will be analyzed and documented .Necessary action following analysis if required will be initiated.

5.2.11 Is there a provision for acquiring computer skills / literacy for all students , in the curriculum ? If yes give details on how it is imparted , and level of proficiency.

Computer training for usuing ICT enabled services is practiced for all students as an enrichment programme and documented.

5.2.12 What value added courses are introduced by the institution to develop life skills; career training ; community orientation ; good citizenship and personality development of students.

Life skills : As a part of life skills development , students are given lectures on communication skills , decision making and life style modifications for better living and such similar lectures are organized by the institution .

Career training : Career training is provided throughout internship postings in varied departments .The interns are provided with two days of 'internship orientation programme' as value added course to make them successful self employed personnel and also at the same time providing quality care to the patients.

Community orientation :

Throughout the study programme , the students actively participate in various community out rich activities through medical camps , pulse polio programme , etc.,

Good citizenship :

The students participate I all the national festivals , and national health programmes . The college being the member of Red cross society involves in blood donation activities .The students are made well aware of their social and professional accountability through varied activities during any disaster or outbreak situations .

Personality development :

The college conducts numerous sessions on personality developments such as leadership qualities , communication skills , problem solving skills , decision making , time management and working with group as value added activities.

5.2.13 How does the institution ensure safety and security of the students , faculty and the institutional assets ?

The security of the college has its own security system along with two outsourced agencies who provide professional security services . A total of 84 personnel are working for security purpose.

The details of the outsourced security agencies are as follows :

- BVG : One security officer , two security supervisors and 22 security gaurds .
- Hard core security services : Two security supervisors and twelve security gaurds.

5.2.14 What support services are made available to SC/ST students ?

Book bank facility and other facilities as per the law of land is provided to SC/ST students.

5.2.14 What support services are made available to SC/ST students ?

Book bank facility and other facilities as per the law of land are provided to SC/ST students.

5.2.15 What are the support services made available to physically challenged students ?

The institute considers the differently –abled as physically challenged and gifted child. Facilities like wheel chair and physical assistance are given priority and provided wherever required .

5.3 Student activities

5.3.1 Does the institution have an Alumini Association , if yes , details .

RajaRajeswari Alumini Association was established on 12-6-13 .vide registration NO JNR/S60/2013/14

List of current office bearers :

5.3.6 Does the institution have a mechanism to seek and use data and feedback from its graduates and from employers , to improve the growth and development of the institution ?

The institution collects programme feedback , competencies gain feedback , teaching and competency evaluation feedback from alumini. Similarly the faculties also give feedback through structured questioner on organizational climate .

The institution collects feedback from alumini, programme rating , teaching and evaluation , competencies gained .The data is analysed and the outcome discussed at meeting of authorities of the college and appropriate decisions and actions initiated .

The employers namely professional organizations , hospitals , medical clinics , government community members , during personal interaction , give their valuable inputs for furtherance of curriculum , teaching , learning and evaluation for enhancing the skills and knowledge appropriate to the growing trend and employment opportunities.

5.4 Best practices in student support and progression.

5.4.1 Give the details of institutional best practices towards student support and progression

1) Student hand book: The college has initiated a student hand book which is edited periodically .The hand book provides clear information to students regarding admission , completion requirement for all programmes ; the fee structure and refund

policies; financial aid and student support services , library information rules of the college , list of awards , research funds.

2) Book bank facility : Economically weaker and SC/ST students are provided with book bank facility where in the students can borrow books for their studies .
3) The college conducts numerous sessions on personality developments such as leadership qualities , communication skills , problem solving skills , decision making , time management and working with group as value added activities .
4) Faculty participation in academic and personal counseling is continous and ongoing process throughout the program by teachers through mentorship , underperformers middiagnostic survey , remedial drill , continuous performance assessment in all the departments , parent teacher interaction provide total academic ad personal counseling on an average 6 students are monitored by teachers.
5) Throughout the study programme , the students actively participate in various community rich activities through medical camps , pulse polio programme , etc.,
6) Student insurance : RajaRajeswari medical college and hospital has entered into an agreement with, for accidental death and permanent disability policy to the students at both undergraduate an post graduate level .
7) Internship orientation programme is conducted for the students who have passed out before beginning their internship . During this programme which is conducted for two days every year , each department HOD's will brief up the students regarding basic skills required to begin their internship , so that they can provide quality care for the patients of our hospital .
8) A Cell/Committee constituted for prevention of sexual harassment of women students.
9) A separate guidance and counseling centre for women students is provided.
10) All the departments have implemented continuous performance assessment cards by which underperformers are identified and appropriate measures initiated as remedial drill.
11) The college has a grievance redressal cell to deal with day to day problems of students , staffs and patients .

12) The college has a placement cell which continuously provide information on job opportunities. The college also conducts and motivates self employment of the outgoing graduates by conducting 2 days programme for self employment .

13) **Research :** Students can enroll themselves in various projects by WHO , ICMR and other organizations .Information regarding the same and scope .For post graduate students information regarding PhD programmes and Fellowships .

Chief Mentor	Dr.Usha Ramachandra	Principal
President	Dr.Naveen	Vice Dean
Secretary	Dr.Shashikala.N	Asst.Professor, Microbiology
Treasurer	Mrs. Medini	NAAC Co-ordinator

5.4.2 List of activities during the last two years .

CULTURAL ACTIVITIES IN R.R.M.C.H

RajaRajeswari medical college and hospital conducted first college day in the year 2008 October with great zeal and enthusiasm name for the fest was selected by students as “aura” cultural evening started with honouring of chief guest the famous kannada cine actor “Shivraj Kumar” son of great matinee idol late Dr. Rajkumar .

Cultural events started with classical singing by the students followed by many glorious performances of dancehilarious mad ads , the glamorous fashion show by students potrayed indian weddings traditional dressing . All the cultural events were coordinated and headed by Dr. Adarsh , cultural chairman and coordinator Dr.Praveen Kumar

The “founder’s day” was celebrated in the same year in the month of October which was organized by R.R group of institutions. It was a grand success with enthusiastic and active participation by all the colleges of R.R group of institutions including Medical ,Dental , Engineering , Management and Nursing colleges. The events were conducted under the guidance of respective colleges institutional heads.

Year 2009 started with celebration in month of March – April .College fest was organized. Full 1 week competetions were conducted , dancing, singing, debate, antakshari, rangoli , essay writing etc.,

On the finale day chief guest for the function included great personalities like Prof. Dr.C.N Rao and R.G.U.H.S vice chancellor Dr.Ramamnand Pai. Cultural programmes included

classical singing , mock rock , solo dance performances , group dance students were innovative in putting themes to their performances, fashion show was based on portraying formal wear , ethnic wear and casuals. It was organized and coordinated by Dr.Adarsh and Dr.Praveen Kumar respectively.

The 2011 college fest was named “manthan” conducted in the month of March .

The chief guest for the function beautiful cine actor Miss Pooja Gandhi graced the occasion and witness the cultural event and interacted with the students by performing with them on stage.

Fashion show this time was based on earth theme with beautiful students in saree and message was given to save earth , followed by party formals.

Cultural team was headed by Dr.Adarsh ,cultural chairman.

In the same year our college dance team “fire n ice ” participated in inter college fest held in Ramaiah Medical College and they won third prize .

The 2012 college day “spectra” was conducted in march under the guidance of cultural chairperson Dr.Sathyamurthy & Dr.Praveen Kumar . Staff and students participated actively in all the events won prizes and enjoyed the college fest .

The chief guest for the function was great kannada cine actors who encouraged the students and witness the program.

The RRMCH cultural team participated in intermedical college fest “anwesh-2012” held in JJMC Davangere in the month of august headed by Dr.Sathyamurthy & Dr. Praveen Kumar . Our students participated in various events and added glory to the college by winning first prize in “hindi antakshari” Rupali Kashyap and Surbhi Aggarwal team of two members , and third place in “solo dancing” Vignesh Raghav .

MTV organised “dosti ka shubh arambh” in our college a way to bring seniors and juniors together many games were played on the day it was the search for most friendly college in Bangalore from our college five teams got selected and reached the semi finals .

The 2013 college day "carpedium" was held in month of April. Various events were conducted antakshari , turn coat , cooking without fire , vegetable carving , rangoli, dance competetion , singing. The finale was held on 27th April.

The chief guest for the event were famous Kannada cine actor Mr.Srinagar Kitty & Ms. Pranitha.

The cultural program included rap -singers performance , flash mob held for first time in college , fashion show showing Indian cinema transformation , group dance contemporary theme , group singing by north east student group .

5.4.2 Give the details of the contribution of alumini to the growth and development of the institution .

Rs.2,00,000 /- has been contributed towards students welfare fund .

Alumni Association

Members of the first executive committee

Sr. No.	Name & Address	Age	Designation	Position	Photos
1	Dr.Shashank .B, "Sri Mrithyunjaya",3rd cross, I main, Vijaynagar, Shimoga - 577205	26 yrs	MBBS, MD Pharmacology	President	
2	Dr.Vikram, ,"Vaishnavi" No.1416,5th Main,14th Cross, Shrinidhi Layout,Konanakunte, Bangalore	24 yrs	MBBS, Practicing in pvt hospital and preparing for PG	Working President	
3	Dr. S. Tribhuvan, "Kurupa sonenehali"Virgonagar Post, Bangalore - 560049	25 yrs	MBBS, MS Orthopedics	Vice President	
4	Dr.Amitha. N, D/o K S Nanjundaiah, Dnya House, #628/35,I st B Main, W K P Rd,7th Block, Jayanagar, Bangalore - 560082	26 yrs	MBBS, MS Gynaecology	Secretary	

5	Dr.Manisha Wahab, C/o Dr. Wahab Uddin, Topkhana Bazar, Munger, Bihar - 811201	26 yrs.	MBBS, MS Opthalmology	Joint Secretary	
6	Dr.Neelakant Kote, # 71, Taluq Bhalki, Dist. Bidar - 585413	26 yrs.	MBBS, MD Physiology	Treasurer	
7	Dr.Usha Ramachandra, No.32, 7th Cross, Swimming Pool Extension,Malleshwaram - 560003	59 Yrs.	Principal, RRMCH, Bangalore	Dean Alumni Affairs or equivalent (ex-officio)	
8	Dr.Kiran, Dr.Krishna Kumar.S, Dr.Krupali,Dr.Parvathamma,Dr. Rinku Kushwaha			Members	

5.4.3 Give the details of various academic and administrative bodies and their activities [academic and administrative], which have student representations on them.

The college has constituted around twenty committees with student representatives on each committee .Groups pf committees are monitored by respective vice deans.All the committees have maintained the proceedings and submit their report with necessary recommendation to the chairman IQAC.The list of committees with student members represented will be presented during the peer team visit.

Student Council :

Proficient sports students are provided with sports material, leave , recognition on appropriate platforms , awards and certificates .Student council in each unit are very active and perform numerous co-curricular and cultural activities .The college funds for such activities.

6.1 Institutional Vision and Leadership

6.1.1 State the Vision and Mission statement of the institution and give details on how the institution Refer. Plate-V. Our Vision Refer. Piate-VLOurMission

The vision, mission, goal and objectives are prominently displayed. These are communicated to different stake holders through students' handbook, website, deliberations and displaying in prominent locations across the campus. The College publishes the updated student's information booklet which includes the comprehensive information regarding the programmes, information about the institution, faculty, laboratories, library, syllabus and other details, the colleges has printed student's handbook that in corporate Vision Mission statements, disciplinary rules, grievance redressal mechanism, hostel rules, conduct guidelines, refund policies, student charter, time table, student support services academic calendar and such other appropriate information.

The goals and objectives are stated in the mission, are developed from inside-out approach through participative mechanism and are well communicated to all the stakeholders through deliberations, appropriate display of the same across the institution, community through brochures, student hand book, application forms website, etc ***Goals and objectives.***

The college has clearly defined its goals and objectives. The college has identified the customers that it wants to serve, the products that it wants to deliver and the commitment for improving quality in, "People, Product, Process and Price on Continuous Basis". The college has drawn a clear perspective plan for future development and to maintain competitive edge in quality and system ***Translates its vision statement into its activities***

The College has taken measures to translate quality to its administrative and academic units. Few of such are decentralization, participative discussions, empowering learners for excellence in education and such similar acts. The College measures to translate quality in administration. The college has established a mission monitoring cell (MMC) which collects feedbacks from across the institution analyses by using 7 tools by software and the critical areas identified for improvement and referred to appropriate authorities for further needful. The mission monitoring cell (MMC) has established internal quality assurance cell at all the constituent units which comprises several committees. The stakeholders including students both UG and PG, male and female are nominated to different committees" of the college

OUR VISION

SINGLE WINDOW DELIVERY OF TOTAL HUMAN HEALTH CARE
SERVICE & EDUCATION NEEDS

TOTAL QUALITY MANAGEMENT
UNIQUE WORK CULTURE IN ALLEVIATING HUMAN SUFFERINGS

TO TRAIN GENERAL, SPECIALISED, & ALLIED PROFESSIONAL
PERSONNEL TO MEET REGIONAL , NATIONAL
AND GLOBAL HEALTH CARE SERVICES

BE EFFICIENT, EFFECTIVE, COMMUNITY ACCEPTABLE,
AND EXCEL IN SERVICE, EDUCATION & RESEARCH

TO IMPART KNOWLEDGE & INTERACT WITH ORGANIZATIONS
OF SIMILAR INTEREST

FOSTERING GLOBAL COMPETENCIES, INCULCATING VALUE SYSTEM
AMONG LEARNERS

PROMOTE USE OF TECHNOLOGY OF RELEVANCE

TO INDUCE PARADIGM SHIFT IN COMMUNITY

THAT MANY DISEASES ARE

PREVENTABLE, CURABLE & AFFORDABLE

REACH THE UNREACHABLE WITH
AWARENESS, EDUCATION & SERVICE

SERVE THE UNDER SERVED

**EXCELLENCE IN HEALTH CARE EDUCATION ,SERVICE ,SYSTEMS & RESEARCH
FOR COMMUNITY DEVELOPMENT**

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6.1.2 Enumerate the Management's commitment, leadership-role and involvement for effective and efficient transaction of the teaching-learning processes.

In establishing the leadership system, the college has defined and documented the empowerment, autonomy with accountability for each designation. The organisation structure has perfect decentralization and has appropriate stakeholders participation at all the critical processes. The leadership functions of the officers of the college, heads of the institutions, and heads of the department are well documented. Functions and powers of the officers and different authorities are well documented in rules of the college; a copy will be tabled during peer team visit.

6.1.3 How does the management and the Head of the institution ensure that responsibilities are defined and communicated to the staff of the institution?

Most of the faculties are nominated as members in decision making statutory bodies of the college and Internal Quality Assurance Cell constituted at all units. The organizational structure is well defined, depicted and displayed prominently in college.Refer Rules of College which provides the details for Board of Management, governing Council, associate deans for Academic, administration ,Examination, Human Resdentource, and Medical superintendent for hospital services. The organisation structure of constituents with its departments is also depicted wherever relevant.

6.1.4 How does the Management/Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the management, to review the activities of the institution?

The governing council conducts the management review meetings twice in a year. The routine agenda of such meeting are as follows

- Approval of the minutes of previous meeting
- Action taken report on the previous meeting
- Consolidated report of various committees submitted by the IQAC chairman and associate deans
- Feedback analysis report and action taken
- Hospital services data
- Research data
- Results
- Extension activities
- Learning resources

OUR MISSION

LEARNER CENTERED HEALTH CARE EDUCATION

PATIENT CENTERED SERVICE

COMMUNITY ORIENTED RESEARCH

STRONG COMMUNITY RELATIONSHIP

SERVE THE UNDER SERVED

MEET THE REGIONAL, NATIONAL AND GLOBAL HEALTH CARE EDUCATIONAL NEEDS

INTER ORGANIZATIONAL LINKAGE

STRATEGIC FUTURE ORIENTED PLANNING

PROFESSIONALISM IN MANAGEMENT

OPEN ORGANIZATIONAL CLIMATE

EXCELLENCE IN KNOWLEDGE , SKILLS AND SERVICE

EXCELLENCE IN HEALTH CARE EDUCATION & SERVICE SYSTEMS FOR COMMUNITY DEVELOPMENT

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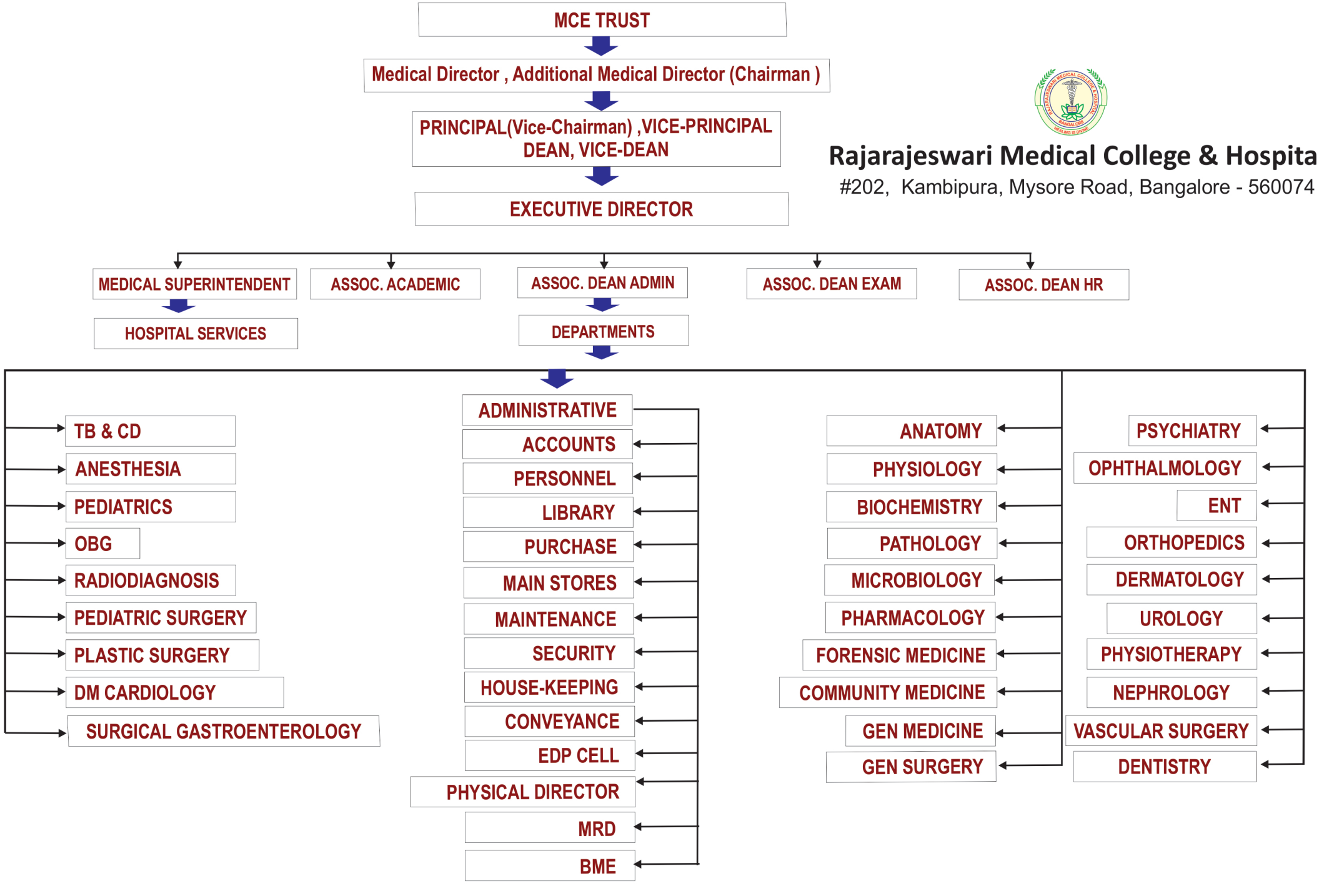
ORGANIZATIONAL STRUCTURE



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- Infrastructure
- Students support services Innovative programmes
- The teaching learning process
- Self performance appraisal of faculties
- And any other subjects

6.1.5 How does the management encourage and support involvement of the staff for improvement of the effectiveness and efficiency of the institutional processes

Encourage the teachers by nominating them to different committees, giving accountability, empowerment and autonomy. Recognising the good performing staff by felicitation by the management

6.1.6 Describe the leadership role of the Head of the institution, in governance and management of the institution

The Head of The Institution is both academic and administrative. He is accountable for achieving excellence in the college in all the parameters of the predefined mission components. He is proportionally empowered and has autonomy to achieve the objectives. He is also chairman of IQAC, guides and motivates all other staff to achieve their institutional goals and objectives.

6.2 Organizational Arrangements —

6.2.1. Give the organizational structure and details of the academic and administrative bodies of the institution. Give details of the meetings held, and the decisions taken by these bodies, regarding finance, infrastructure, faculty recruitment, performance evaluation of teaching and non-teaching staff, research and extension activities, linkages and examinations held during the last two years.

Sr. No.	Authority	No. of meetings	eting	lule
1.	Meeting of Associate Deans	08,(at least 6)	First Second	First Week Alternate Month
			Third Fourth fifth sixth	from January to December
2.	IQAC Meetings	06 (at least 4)	First Second Third Fourth fifth sixth	First Week Alternate Month from January to December

3.	College Council Meeting	06 (at least 4)	First Second Third Fourth fifth sixth	First Week Alternate Month From January to December
4.	Review of Committees By Associate Deans	06 (at least 4)	First Second Third Fourth fifth sixth	First Week Alternate Month From January to December
5.	Management Review of The College	02 (at least 1)	First	First Week of June and December

6.2.2 To what extent is the administration decentralized? How does the institution collaborate with different sections/departments and personnel of the institution to improve the quality of its educational provisions?

The administration is fully decentralised .the Dean/Principal is assisted by four Associate Deans-Academic, administration ,Examination, Human Resource, and Medical superintendent for hospital services. The Associate Deans review the functioning of respective committees (30) which incorporate student representatives from both, UG, PG, boys and girls, who monitor the varied activities of constituents units of the entire education system. There are 20 departments, each headed by competent faculty who leads the department under the direction of The Dean, Associate Dean and Chairman IQAC. All the committees are reviewed by Chairman IQAC periodically, decisions are brought before the heads of the departments meeting and participative, open, collective decisions are taken and communicated to the management and other concerned regularly. The management regularly reviews the institutions performance and appropriately interacts with the Principal. Stakeholders' participation for institutional excellence is effectively, efficiently practiced and implemented.

6.2.3 Does the institution have effective internal coordination and monitoring mechanisms? If yes, specify

The Principal is the administrative, academic head of the institution and also Vice-Chairman of IQAC. The Principal through, Associate Deans, Heads of the Departments reviews the functioning of each department and other constituents periodically. The chairman IQAC

monitors the functioning of various committees constituted. The meetings schedule of the different authorities of the college is well planned and executed

6.2.4 Does the institution have a Grievance Redressal Cell for its employees? If yes, what are its functions? List the number of grievances redressed during the last two years.

Yes a grievance redressal cell is established with clear policies, procedures and practice to address grievances of stakeholders - students and faculty in particular. The cell has statutory empowerment by the authority of the college. No major grievance is ever occurred or heard by the committee.

6.2.5 How many times does the management meet the staff in an academic year? What are the major issues discussed during the last meeting?

Yes, management reviews are conducted with specific agenda. Annual reports are submitted for management reviews.

The management meets the staff on the foundation day of the college once in a year. The governing council meets twice in a year. The IQAC meetings are held 6 times in a year to which management representative is nominated. The measure issue discussed are -

- Strengthen the ICT enabled services at all the components of the organizations.
- To further strengthen the faculty development activities
- To strengthen non teaching staff skill up gradation
- Allocation of search funds
- Improve the existing student support facilities
- Innovative comprehensive professional personality development sessions for the students
- Further intensify the student council activities and the students participation in academic and administrative bodies.

6.2.6 Is there a Cell to prevent sexual harassment of women staff? How effective is the functioning of the Cell?

There is a cell to prevent sexual harassment of women with appropriate representations from different stake holders. No such incident is so far reported on the campus

6.2.7 Does the teaching hospital define and display the services that it can provide? The services provided are defined

All the departments clearly deified services provided .the hospital has printed patient information booklet which provides the comprehensive details of the services provided by each

Services defined are prominently displayed

Yes are appropriately displayed and proper leaf lets are prepared

Staffs is oriented to these services

All the concerned staff and receptionist of different sections are appropriately oriented for such list of services provided

6.3 Strategy Development and Deployment —^>

6.3.1 Describe the procedure of developing the perspective institutional plan. How are the Teachers, Students and Administrators involved in the planning process?

- The Teachers, Students and Administrators involved as members to various committees and IQAC, and submit their inputs. All the departments have generated SWOT analysis of their department. The strategy for the development of perspective plan is inside out approach. The strengths are enhanced weakness /areas for improvement are identified, the opportunities are evaluated and efforts are made to nullify the threats. The consolidated report is generated for ensuing 5 years and a draft perspective plan is prepared and approved in the heads of the meeting and IQAC.
- Departmental academic plans are prepared involving teaching staff, calendar of events for the year is drawn in consonance with the institution and affiliating university academic calendar.

6.3.2 How are the objectives communicated and deployed to all levels, to ensure individual employee's contribution for the institutional development?

All the employees' submit self performance appraisal feedback and these are statistically evaluated using 7 Quality tools, communicated to all the staff for continuous improvement. The faculty's exemplary performance is felicitated by the management. The performance report of the teachers and self performance appraisal maintains records of individual contributions to the institutions department wise and employ wise performance targets in education are set and are evaluated against these parameters at the end of a year

6.3.3 List the different committees constituted for the management of different institutional activities? Give details of the meetings held and the decisions taken, regarding academic management, finance, infrastructure, faculty, research, extension and linkages, and examinations held during the last two years.

Different committees are constituted by the institution for management of different institutional activities. IQAC is constituted which reviews 36 key aspects through performance output of nearly 30 committees constituted under IQAC .The IQAC document clearly prescribes the accountability, empowerment and autonomy of each committee.

6.3.4 Has the institution an MIS in place, to select, collect, align and integrate data and information on the academic and administrative aspects of the institution?

The college MIS in place, to select, collect, align and integrate data and information on the academic and administrative aspects of the institution. The college has a comprehensive system with all the constituent processes appropriately linked through the organizational structure. All the critical processes are identified the mapping and sequencing of processes is laid, process owners designated and mechanisms are in place. The institution has developed institutional policy document clearly defining procedures practices and mechanism for each processes.

The institution has documented and implemented MIS system To meet the information needs of the care providers, management as well as other agencies that require data and information from the organization as per the prevailing laws and regulations regarding Hospital Management, Health Care Providers, Patients, and Government agencies. Organization information needs, effective data management, Complete & accurate medical records, Confidentiality integrity and security of records, Retention time of records and such related are maintained

6.3.5 Does the institution use the various data and information obtained from the feedback, in decision-making and performance improvement? If yes, give details.

A scientifically validated method using established QC_tools analyses the data, the outcome of such data is valuable input for review meetings and decision making. Fact based decision making is the policy of the institution. Preventive and corrective actions are derived from the method followed.

6.3.6 What are the institution's initiatives for promoting co-operation, sharing of knowledge, innovations and empowerment of the faculty? (Skill sharing across departments, creating/providing conducive environment, etc.)

Inter institution linkage and open organization climate is the mission statement. Institution as a policy encourages skill sharing across department's providing conducive environment for

mutual academic growth through multidisciplinary approach in service, scientific and academic deliberations.

6.4 Human Resource Management — *Human Resource Management (HRM)*- Human Resource Planning, Staff Recruitment and Orientation, Staff In-service Training and Development, Staff Training in safety Aspects, Staff Appraisal, Staff Disciplinary procedure and Grievance handling, Employee Health Needs, Employee Personal Information ,Credentialing of Medical Professionals and Credentialing of Nursing Staff are done by the HRM cell. The college has developed and implemented staff recruitment and orientation manual.

6.4.1 What are the mechanisms for performance assessment (teaching, research, service) of faculty and staff? (Self appraisal method, comprehensive evaluation by students and peers). Does the institution use the evaluations to improve teaching/ research of the faculty and service of the faculty by other staff? If yes, how

All the staff both teaching and non teaching are evaluated by appropriate feed back s already informed. Annual confidential report also is availed from the concerned head of the section before sanctioning the privileges of the post

6.4.2 What are the welfare measures for the staff and faculty? (mention only those which affect and improve staff well-being, satisfaction and motivation) Free Treatment

- Faculty members and their family including Spouse and Children.
- Non-Teaching staff, Group - D and their family including Spouse andChildren.
- Any other case indicated by Principal

Concession Treatment

- All the teaching and Non-Teaching staff of other RRMCH and their family members.
- Any other category of patient deemed fit for concession by the H.O.D.

6.4.3 What are the strategies and implementation plans of the institution, to recruit and retain faculty and other staff who have the desired qualifications, knowledge and skills?

Faculty's needs are identified, appropriate time bound promotions are given, and are encouraged to attend cnferences, AICTE scales and increments, loans are provided

6.4.4 What are the criteria for employing part-time/adhoc faculty? How are the recruitment conditions of part-time/adhoc faculty different from that of the regular faculty? (Eg. salary structure, workload, specialisations).

Based on the task/project/,on receiving the recommendations of the project officer ,the principal reviewing the nature and quantum of work, qualifications retains the faculty and is subsequently ratified by the management.

6.4.5 What are the policies, resources and practices of the institution that support and ensure the professional development of the faculty? (Eg. budget allocation for staff development, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc. and supporting membership and active involvement in local, state, national and international professional associations).

Staff in-service professional training and development - policy: Training needs identification shall start from the candidate entering the organization in the recruitment phase. The assessment records shall be maintained by the HR department. For the professional development of the faculty separate budget allocation for staff development, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc. and supporting membership and active involvement in local, state, national and international professional associations is provided by the institution

6.4.6 How do you assess the needs of the faculty development? Has the institution conducted any staff development programmes for skill up-gradation and training of the staff? If yes, give details

The sources of training needs identification shall be: Technology advancement, new equipment addition, new project introduction, Performance Appraisal. Where repeat periodic training needs exists like safety practices/ nursing services etc shall be listed down and shall be organized. Training records shall be maintained in HRM or at identified locations and especially they shall be included in the personal records of staff. There shall be feedback taken from the attendees about the quality of trainings done. There shall be mechanism for assessing the impact of trainings done. The assessment records shall be maintained by the HR department.

6.4.7 What are the facilities provided to faculty? (Well-maintained and functional office, infrastructure and other space to carry out their work effectively etc.,)

The faculty needs are assessed though a questionnaire on organizational climate designed as per Minnesota scale, comprehensive working ambiance is assessed, and outcome is discussed by Assoc. Dean HR and communicated to the concerned to initiate appropriate action. The faculties also submit self performance appraisals from the outcome recommendations individual faculty development needs are identified, by set of mechanism involving head of the department Associate Dean HR Principal and the management faculty development activities are initiated. The institution conducted staff development programmes for skill up-

gradation and training of the staff. The facilities provided to faculty are well - maintained and functional office, instructional and other space to carry out their work effectively

6.5 Financial Management and Resource Mobilization

6.5.1 Does the institution get financial support from the Government? If yes, mention the grants received in the last three years under different heads. If no, give details of the sources of revenue and income generated during the last three years?

College provides self-financing programs and is not availing any other source of funds from government)

6.5.3 Is there adequate budget to cover the day-to-day expenses? If no, how is the deficit met?

Budget is provided to meet the day to day expenses. And there is no deficit budget.

6.5.4 What are the budgetary resources to fulfill the institution's mission and offer quality programmes? (Budget allocations over the past two years (provide income expenditure statements)

6.5.5 Are the accounts audited regularly? If yes, give the details of internal and external audit procedures and the audit reports for last two years.

The accounts are audited regularly by competent auditor and are presented before the management. No major audit observation is pending .Last two years audit report of previous years will be placed before the Peer team

6.5.6 Has the institution computerized its finance management systems? If yes, give details.

- The finance management system is computerised and appropriate licensed software procured and employee concerned are well trained
- Yes, the college has computerized all critical processes including the finance management.

6.6 Best Practices in Governance and Leaders/tip -

6.6.7. ***What are the significant best practices in Governance and Leadership carried out by the institution?***

- Students both UG PG male and Female are represented at different committee of IQAC.
- Document for policy procedure and practice and service rules are developed by the college.

- 7 QC TOOLS are used for evaluation of a11 critical process
- Around 15 questioner are designed and developed by the college for comprehensive assessment
- 4 associate deans are appointed defining the accountability empowerment and autonomy.
- Management reviews the entire systems twice in a year
- Decentralization, participative discussion, and open organization climate are the policy and are well practice with indicted continuous improvement in all the process

7.2 Inclusive practices

7.2.1 a)What practices have been taken up by the institution to provide access to students from the following sections of the society?

a) Socially-backward

b) Economically-weaker and

c) Differently-abled

The College provides access to varied learners based on existing regulatory norms . The socially backward and economically weaker sections are eligible to appear for entrance Test at lesser percentage of marks at entry level

d) What efforts have been made by the institution to recruit

1)Staff from the disadvantaged communities? Specify?

a) Teaching

b) Non-teaching

For teaching staff faculty from all communities are taken without any discrimination and for non teaching similar pattern is followed.

7.2.2 What special efforts are made to achieve gender balance among students and staff?

The College has maintained appropriate gender balance

7.2.3 Has the institution done a gender audit and/or any gender related sensitizing courses for the staff/ students? Give details.

The goals and objectives, the vision and mission have lead to imparting of professional courses being conducted. However the curriculum committee has initiated to review the gender related courses to staff and students

7.2.4 What interventions strategies have been adopted by the institution to promote the overall development of students from rural/tribal backgrounds?

The knowledge and skill at the entry level after the admission program is assets and appropriate bridge courses are designated and delivered. There is a mechanism to identify the student's category wise including SC/ST, rural and Tribal. Also the academic growth of the students in these categories is monitored by well set mechanism.

7. 2Does the institution have a mechanism to record the incremental academic growth of the students admitted from the disadvantaged sections?

Ten Action Points for IQAC

1. Designing and implementing Annual Plans for institution-level activities for quality enhancement.
2. Arrange for feedback responses from students for quality-related institutional processes.
3. Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution.
4. Retrieval of information on various quality parameters of higher education and best practices followed by other institutions.
5. Organization of workshops and seminars on quality-related themes and promotion of quality circles and institution-wide dissemination of the proceedings of such activities.
6. Development and application of innovative practices in various programmes/activities leading to quality enhancement.
7. Participation in the creation of a learner-centric environment conducive for quality education.
8. Work for the development of intemalization and institutionalization of quality enhancement policies and practices.
9. Act as a nodal unit of the institution for augmenting quality-related activities.
10. Prepare focused Annual Quality Assurance Reports (AQARs).

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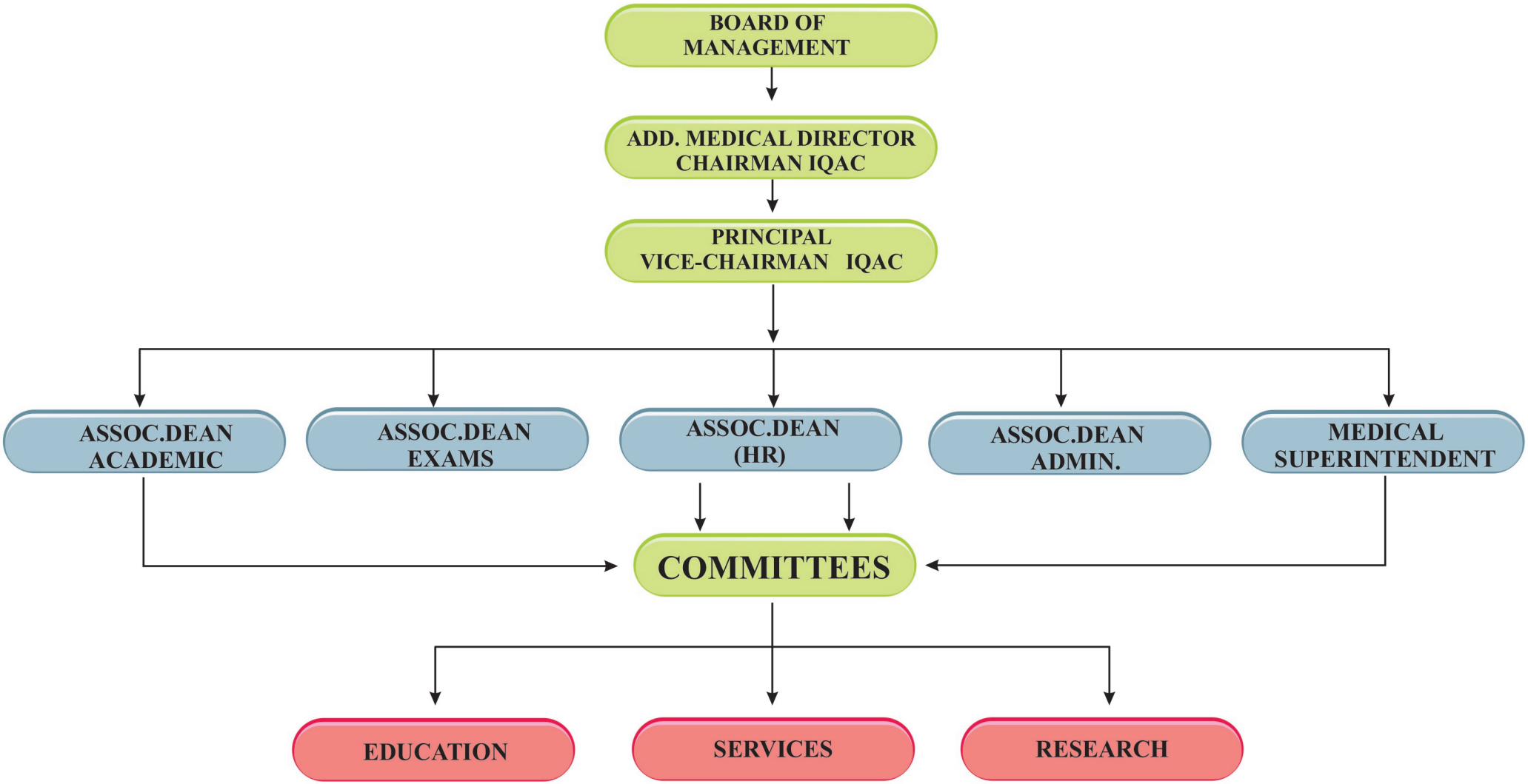
IQAC FLOW CHART



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The college has established mechanism for monitoring the academic progress of disadvantaged students. The initiations of the institute to develop the citizenship role are serving the community for public health care. Participating in National integration, Nation festivals, blood donation , environmental protection, HIV awareness, human rights and donating during National Disasters

7.2.6What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

The initiatives of the institution to develop the citizenship role are serving the community for public health care. Participating in National integration, national festival, blood donation, environmental protection, HIV awareness, human rights and donating during National disasters.

7.3 Stakeholder relationships

7.3.1 How does the institution involve all its stakeholders in planning, implement action and evaluation of the academic programs?

The management with representations from varied sectors of community, the faculties and, UGs and the PGs are involved in planning and implementation. The entire system, academic programs in particular is evaluated by students, parents, alumni, employers, patients through feedback processes. The data is analyzed and the output of analyses is reviewed and an appropriate action initiated by the management .The organization structure incorporates decentralization, open organizational climate and participative decision. The students, faculties, Local community representatives and management are nominated to varied committees of the organization. Alumni and professional societies, regulatory agencies, affiliating university and parents and patients voice their participation through feedback Proforma.

7.3.2 How does he institution develop new programs to create an overall climate conducive to learning?

The curriculum Committee reviews the curriculum on continuous basis with respect to advances in Medical Science and technology. Deficiencies identified in the curriculum and enrichment courses designed and implemented.

7.3.3 What are the key factors that attract students and stakeholders, to the institution and result in stakeholder satisfaction?

Need based curricula with diversity and flexibility , program well approved by regulatory norms viz RGUHS, MCI , International linkage for Internship training at Hammersmith Hospital UK. State of the art infrastructure , good student support systems and library facilities, student participation in IQAC, well placed alumni and satisfied parents and geographical location of the institute with good number of service seeker are few of the key factors that attracts stakeholders to the institute.

7.3.4 How does the institution elicit the cooperation from all stakeholders to ensure overall development of the students, considering the curricular and co-curricular activities, research, community orientation and the personal/ spiritual development of the students?

The college maintains effective linkages and collaborations with local hospitals, diagnostic laboratories and the community for curricular, co curricular and community oriented activities and research . Personality development sessions are held for spiritual and personal development of students.

7.3.5 How do you anticipate public concerns in your current and future programme of ferings and operations?

The college anticipates the public concerns with current and future program offerings and operational through varied interactions with the stake holders. The college reviews, contemporary global programs of similar systems, stake holders demand of latest knowledges, skill and advances in Medical speciality services to make the programs relevant and globally competent to maintain competitive edge in the program

7.3.6.How does the institution promote social responsibilities and citizenship roles among the students? Does it have any exclusive programme for the same?

The students participate in all national health program and national festivals. The college being member of RED CROSS SOCIETY involves in blood donation activities. The students are made aware of their social and professional accountability through varied activities viz the college has donated for National Disasters. The institute has kept a record of students shouldering social responsibility in addition to their academic activities, Student Council, IQAC, Extension, civic responsibilities, Red cross and such similar activities are recorded.

7.3.7 What are the institutional efforts to bring in community-orientation in its activities ? The college through curriculum has maintained community orientation, ICT integration by conducting health camps extension activities and computer skill up gradation, service and community oriented research.

7.3.8 How does your institution actively support and strengthen then neighborhood communities? How do you identify community needs and determine areas of emphasis for organizational involvement and support?.

Institution actively support and strengthen the neighborhood communities by providing need based program to learners, services to patients and research to community and the college has identified areas of research , services and has started specialty clinics. The college has drawn a perspective plan to serve areas of interest for organizational participation and support. A full time officer is appointed for extensional activities.The college through Health camps provides overall health care services and awareness. The college has adopted a village for procuring intensive skills among the learners and linkage with reputed hospitals in the locality. The college has linkage with research organization and laboratories. The college maintains international student exchange program.

b) How do the faculty and students contribute in these activities? The student and the faculties participate in extension activities through their professional knowledge and skills to serve and educate the community and by participating in extension activity.?

7.3.9 Describe how your institution determines student satisfaction, relative to academic benchmarks? Do you update the approach in view of the current and future educational needs and challenges?

The Institution has a mechanism for analyzing student feedback on institutional performance, to arrive at Student Satisfaction Index, Individual, departmental, institutional performance is assessed to arrive at all stake holders satisfaction index for continuous improvement. The college collects feedback from students on academic bench marks analyses and the outcomes are used to modify and meet the future educational needs and challenges

7.3.10 How do you build relationships? to attract and retain students

The college attracts and retains the students by introducing innovative programs in emerging

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4.	Pharmacology	273-286
5.	Pathology	287-297
6.	Microbiology	298-319
7.	FMT	320-333
8.	Community. Med	334-363
9.	Gen. Medicine	364-376
10.	Tb & Chest	377-387
11.	Skin & VD	388-397
12.	Psychiatry	398-403
13.	Surgery	404-412
14.	Orthopedics	413-423
15.	Ophthalmology	424-431

16.	E.N.T.	432-441
17.	Radiology	442-451
18.	Anesthesiology	452-463
19.	Obgy & Gynaec.	464-471
20.	Pediatric Surgery	472-476
21.	Plastic Surgery	477-484
22.	DM Cardiology	485-491
23.	Urology	492-496
24.	Physiotherapy	497
25.	Nephrology	498-506
26.	Vascular Surgery	507
27.	Surgical Gastroenterology	508-511
28.	Dentistry	512-516
29.	Neurosurgery	--
30.	Pediatrics	517-530
	D. Declaration by the Head of the Institution	531-532

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2.	Fact Data Sheet-2. Faculty Research	536-544
3.	Fact Data Sheet-3. International publication	545-552
4.	Fact Data Sheet-4. National publication	553-563
5.	Fact Data Sheet-5. International presented	564-567
6.	Fact Data Sheet-6. National Presented	568-572
7.	Fact Data Sheet-7. Scientific sessions chaired international	573-574
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15.	Fact Data Sheet-15. List of Approved Guides	639-642
16.	Fact Data Sheet-16. List of on-going projects-	643-650
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18.	Fact Data Sheet-18. List of problem based learning	657-673
19.	Fact Data Sheet-19. List of journals subscribed	674-683
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Rajarajeswari Medical College & Hospital

Part II
C. Evaluative Report of the Departments

Please Note.

All the departments have done an exhaustive evaluation of the departments generated large data which is maintained in the departments. Because of constraints of the space a very brief evaluative report of the departments is provided here with. The Further details will be presented during peer team visit. The Hospital has Documented & Implemented NABH & ISO Systems and are under Certification

ANATOMY

EVALUATIVE REPORT OF THE DEPARTMENT OF ANATOMY

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr. Sathyamurthy.I	Male	Prof & HOD	MD Anatom	Yes	Karnataka	FT	-
Dr.G.K Ramachan	Male	Professor	MD Anatom	Yes	Karnataka	FT	-
Dr. Balakrishna	Male	Professor	MSc. Anato P.hDAnatom	Yes	Karnataka	FT	PhD
Dr. Shruthi.B.N.	Female	Assist.Profes	MD Anatom	No	Karnataka	FT	-
Dr. Mangala S.	Female	Assist.Profes	MD Anatom	No	Karnataka	FT	-
Dr. Deepali D. Shet	Female	Assist.Profes	MD Anatom				
Mrs. Padmalatha .Y	Female	Assist.Profes	MSc. Medica Anatomy	No	Karnataka	FT	-
Ms. Reshma	Female	Tutor	MSc.Medica Anatomy	No	Karnataka	FT	-

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total UG students	57	93				03	
Total PG students	1	3	-	-	-		-
I year	1	1	-	-	-		-
II year		2	-	-	-		-
III year			-	-	-		-
Total number of repeaters	62		-	-	-		-
Total Interns							

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
2012-13 Dec/jan	112	57	55			51%	49%
2011-12 June/july	185	70	115			37%	63%
2011-12 Dec/jan	53	10	43			19%	81%
2010-11 June/july	130	61	69			46.90%	53.10%
2010-11 Dec/jan	76	44	32			57.89%	42.11%
2009-10 June/july	110	43	67			39%	61%
2009-10 Dec/jan	63	37	26			58.70%	41.30%
2009 June/july	128	52	76			40.60%	59.40%
2008-09 Dec/jan	47	07	40			14.89%	85.11
2008 June/july	175	85	90			48.50%	51.50%

5. **Learning resources of the departments - library, computers, laboratories and other resources**

-Dept. library, - List of books has 159 Books –List and books vilable In Dept

Computers, - **2**(one in the departmental office, one in Histology Lab connected to LCD for demonstration of slides for MBBS Students)

LCD, - **2** (one in the histology Lab , one in Seminar Room)

Specialty specific softwares

Broad band, wifi,

Models for teaching : wet speciments –250

Dry models – 110

Charts -40

Teaching Aids, - LCD & OHP ,Black board, Charts, Models,X- Ray, Bones

Laboratories, -

1. **Dissection with 150 capacity**- The dissection hall located in the ground floor spreads over 4814 sq mt and accomodates about 200 students

20 dissection tables for 150 students are laid out

Each table being occupied by 20 students

6 skeletons and 30 charts are present in the hall along with several sets of individual bones for students reference

4 tanks store cadavers that are used every day of which, 1 is exclusively kept for the purpose of storing examination specimens , with regular preservation. Presently the department is having 15 cadavers which is sufficient for the next academic batch.

2. **Histology lab** : The histology lab spread over 2633 sq ft has a seating capacity of around 75 students.

Histology lab is equipped with 136 Monocular, 3 binocular and 10 simple microscopes.

Sophisticated instruments like centrifuge, tissue floatation bath, microtomes etc designed for both UG & PG teaching programs enhance the value of lab.

Around 40 histology charts are mounted on the walls.

Digital microscope with LCD projector is utilised for demonstrating slides before each practicals.

3. **Central research lab** : The Anatomy research lab for PG's located in the 3rd floor of the college building is equipped with latest instruments necessary for PG research activities.

4. **Museum:** The Anatomy museum located in the basement consists of 250 wet specimens skillfully mounted and arranged region wise.

110 dry models with 40 charts further enhance the value of the museum.

6 skeletons are placed in the museum along with a revolving radiograph stand to demonstrate 12 radiographs at a time

Space details, -

SPACE DIMENSIONS – DEPARTMENT OF ANATOMY

I. OFFICE ACCOMMODATION

a)	Professor and HOD	:	**18 Sq mts**
b)	Professor	:	**15 Sq mts**
c)	Professors	:	**15 Sq mts**
d)	Associate. Professors	:	**15 sq mts**
e)	Asst. Professors/Lecturers	:	**20 sq mts**
f)	Asst. Professors	:	**15 sq mts**
g)	Dept. office and clerical staff	:	**12 sq mts**
h)	Nonteaching staff room	:	**12 sq mts**

II. LECTURE HALL : 02

Size **180 sq meters each**

Seating Capacity **200 Students each**

III. DEMONSTRATION ROOM

a) Number : **02**

b) Accommodation

- Size : **60 sq mts each**
- Capacity : **75 Students each**

c) Audio-Visual equipment available: **Yes**

IV. SIZE OF THE PRACTICAL LABORATORY:

A1.Dissection hall

- Size : **325 sq mts**
- Capacity : **200 Students**

A2.Embalming room : **12sqmts**

B1.Histology lab

- Size : **200 sq mts**
- Capacity : **75Students**

B2.Preparation Room : **18sqmts**

V. DEPARTMENTAL LIBRARY-CUM-SEMINAR ROOM: : **30 sq mts**

VI. RESEARCH LABORATORY : **50 sq mts**

V1I. MEUSEUM : **200 sq mts**

VIII. MEUSEUM: Preparation Room (2) : **50 sq mts each**

Major equipments details,

1.DISSECTION HALL

Sl. No.	A.NAME OF THE EQUIPMENT	Quantity
1.	Dissection Tables	23
2.	Small steel table	5
3.	Bone Drilling Machine	2
4.	Handsaw frame	5
5.	Amputation saw	7
6.	Revolving Stools	150
7.	Brain Cutting Knife	5
8.	Cold Storage(capacity-6)	1
9.	Storage tanks	3
10.	Dissection specimen storing buckets (plastic tanks)	24
11.	Dissection Trolley	2
12.	OHP including side projector	1
13.	X ray view box	2
14.	Charts	40
15.	Dissection instruments	10 sets
16.	Meat and bone cutting machine	1
17.	Chisel	6
18.	Skeletons	6
19.	Embalming machine	1
20.	Hammer	2
21.	Bone cutter	5

	Big-2 Small-3	

Sl. No.	B. FURNITURE	Quantity
1.	Exhaust fans	11
2.	Skeleton view box	3
3.	Skeleton stand	2
4.	Wooden blocks	10
5.	Water taps with sink	2
6.	Wash basins	6
7.	Black board	2
8.	Wooden tables(3medium+4small)	7
9.	Almirah	4
10.	Metal chairs	3
11.	Plastic chairs	3
12.	Wooden chairs	4
13.	Fire extinguisher	1

2. MUSEUM

SL.NO	A.NAME OF THE EQUIPMENT	Quantity
1.	Skeletons (Articulated)	2
2.	Skeleton (Disarticulated)	20
3.	Wet Specimens	250
4.	Dry Models	150
5.	X -ray view box	2
6.	X-ray CT Scan MRI Revolving stand	1
7.	Charts	20
8.	Wooden racks	25
9.	Torso Human model-complete Human model-regional	 2 5

SL.NO	B. FURNITURE	Quantity
1.	Skeleton view box	1
2.	Wooden table(2big+5medium+4small)	11
3.	Metal chairs	3
4.	Revolving stool	35
5.	Plastic chairs	2
6.	Almirah	1

3. HISTOLOGY LAB

Sl. No.	A.NAME OF THE EQUIPMENT	Quantity
1.	Compound microscopes Old - 68 New - 68	136

2.	Binocular compound microscope	3
3.	Dissection microscope	10
4.	Microtome	1
5.	Slide cabinet Big - 10000 capacity Small-1000 capacity	2
6.	Incubator	1
7.	Paraffin embedding bath	1
8.	Hot plate	1
9.	Hot air oven	1
10.	Analytical balance	1
11.	Refrigerator	1
12.	Distilled water still manesty type	1
13.	Diamond pencils	4
14.	7 Color marking pencil	2
15.	LCD with projector Old -1 New -1	2
16.	LCD Screen (1)	1
17.	Zenith desktop computer	1
18.	Binocular microscope with camera	1
19.	Water Bath	1
20.	Centrifuge	1
21.	Charts	
SL.NO	**C. FURNITURE**	**Quantity**
1.	Wooden tables	4
2.	Metal chairs	5
3.	Wooden chairs	5
4.	Black board	1
5.	Stage or wooden Dias	2
6.	Metal tables	4
7.	Revolving chair	50

4. RESEARCH ROOM

Sl. No.	**A.NAME OF THE EQUIPMENT**	**Quantity**
1.	Electronic Balance	1
2.	Centrifuge	2
3.	Microtome	1
4.	Tissue flotation bath /water bath	1
5.	Paraffin embedding bath	1
6.	Hot air oven	2

Sl.	**B. ANTHROPOMETRIC INSTRUMENTS**	**Quantity**

No.		
1.	Anthropometer(brass)	1
2.	Sliding calipers(martin type)	1
3.	Spreading caliper (0 – 600mm)	1
4.	Weighing scale(digital)	1
5.	Mandibulometer	1
6.	Fibre reinforced measuring tape	2
7.	Geniometer(full circle)	1
8.	Cubic craniophone with diagraph	1
9.	Osteometric table(board)	1
10.	Harpenden's skin fold calipers	1

6. Modern teaching methods practiced and use of ICT(Information communication Technology) in teaching – learning

Refer –Fact Data Sheet-14. Enrichment courses

Refer –Fact Data Sheet-16. List of on-going projects

Refer –Fact Data Sheet-18. List of problem based learning

Refer –Fact Data Sheet-22. Dissertation Topic

Refer –Fact Data Sheet-23. Tutorials

Refer –Fact Data Sheet-24. Students Projects

Refer –Fact Data Sheet-25: Specialty clinics

Lecture method, - teaching with black board, PowerPoint

List of PPT

1. Heart
2. Liver
3. Functional areas of Brain
4. White Matter of cerebrum
5. Upper limb
6. Anterior abdominal wall
7. Male reproductive system
8. Female reproductive system
9. Blood supply of Brain
10. Development of neural tube
11. Pharyngeal arches

12. Development of face
13. Lower limb
14. Gastrointestinal tract
15. Pancreas

Practical teaching, - Dissection, Histology Slides, Models, Radiographs

Fact Data Sheet-24. Students Projects

cc<u>Fact Data Sheet-23. Tutorials</u>

Problem Based Learning (PBL): Done in practicals

List of Case Based Learning,,List of Audio and Video CDs, - List (Central library),

Self-directed learning, - ,Home assignments ,Skills quota,Continuing Performance Assessment (CPA) cards, - Enclosed ,PG log book –Available ,Feed s collectectd, area for improvement teacher identified action initiated – ,

7. Participation of teachers in academic and personal counseling of students

-Mentorship-Done

Name of faculty	Dr.Shruthi, Dr. Mangala , Dr. Deepali, Mrs. Padmalatha, Ms. Reshma.
Year 2012 - 13	Students allotted – 11 Students each
	Minutes and meeting book - Available

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

-

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

Journals Review Meetings for the Academic Year2011- 2012

List of PG seminars –

Seminars for the Academic Year 2012

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

9. **Participation / contribution of teachers to the academic activities including teaching , consultancy and research**

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years –**

Linkages-and MOU at least 2: 57-58

Satellite centers

10. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Publications of the faculty –

Refer: Fact Data Sheet-3. International publication

Fact Data Sheet-5. International presented
Fact Data Sheet-6. National Presented

Fact Data Sheet-2. Faculty Research
Fact Data Sheet-17. List of projects completed

11. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

12. Plan of action of the department for the next five years

	2013-14	2014-15	2015-16	2016-17	2017-18
Courses	Planning to start PhD., programme	Increase the intake of the MBBS students from 150 to 250	To start Training courses in museum technology and plastination techniques	Fellowship courses in genetics	Fellow ship Courses in Embalming techniques
TLE	Special coaching for slow learners, Training students for viva-voce and to conduct work shops	Problem based learning, Faculty development Activities and hosting state conference – Karnataka chapter of Anatomist	Innovative approach to Problem based learning	Relay of live lectures and Intensify the integrated teaching programmes	Hands on Training for post graduates and hosting National conference
Administration	To take initiative to start special staining techniques for PGs and establish cytogenetics laboratory	To create resourse person in Medical education training programme	To start a separate anthropology department	To train PGs in anthropology and methods in anthropometry	To train PGs in Histological techniques and cytogenetics
Research/ Extention	To publish articles in college journal	To publish articles in National journals	To present papers in International conferences	To collaborate with other departments	To collaborate with other institutions
Infrastructure And services	To procure equipments to start special Histological techniques and for	Training in research equipments like digital microscope and photography	Cryostat for Histology Lab	To procure special stains for neurohisto chemistry	Establishing a state of the art Museum

	cytogenetics	equipments			
Innovation	Creating more awareness on body donation programme	To conduct exhibition to the general public using museum material	To conduct inter medical college workshop for PGs in Histological techniques	To create awareness to 1st MBBS students on projects based on clinical Anatomy	To conduct inter departmental teaching programme in cross sectional Anatomy
Collaborations/ Linkages	Collaboration with Karnataka chapter of Anatomists	Rajiv Gandhi university of health sciences	Collaboration with JSS medical college – Plastination	Collaboration with Department of anthropology - Manasagangotry, Mysore university	Collaboration with manipal university – to upgrade museum

PHYSIOLOGY

Evaluative report of the department of PHYSIOLOGY

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr. D.L.Ramachandra	M	Medical Director, Professor	MBBS,MD	Yes	Karnataka	FT	-
Dr. MaryPrejayarajan	F	Professor and HOD	MBBS,MD, DNB	Yes	Karnataka	FT	PhD guide
Dr. Ranganath M D	M	Professor	MBBS, MD	Yes	Karnataka	FT	-
Dr.Jamuna.B.L.	F	Associate Professor	MBBS, MD	No	Karnataka	FT	-
Dr.Rashmi Phadke S	F	Assistant Professor	MBBS, MD	No	Maharashtra	FT	-
Dr.Shwetha Shamanth	F	Assistant Professor	MBBS, MD	No	Karnataka	FT	-
Dr.Priyanka Singh	F	Assistant Professor	MBBS, MD	No	Uttar Pradesh	FT	-
Dr.Shobhana Sahajanand	F	Tutor	MBBS,	No	Karnataka	FT	-
Mr.Ganesh Pradhan	M	Tutor	MSc	No	Andra Pradesh	FT	-
Ms.Nishitha Mendonca	F	Tutor	MSc	No	Karnataka	FT	-
Dr.Gopikumar.M.S	M	Tutor	MBBS	No	Karnataka	FT	-
Dr.Rekha KN	F	Tutor	MBBS	No	Karnataka	FT	-

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

For 2012-13	M	F	SS	OS	OC	NRI	DA
Name Total .UG students	57	93					
Total PG students	2	03				03	
I year	01	01					
II year	01	02					
III year							
Total number of repeaters							
Total Interns	NA						

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

IN THE CURRENT SYLABUS

Contents –topics Added To Theory
Contents-topics Deleted in Theory
Contents-topic Added To practical
Contents-topics Deleted In practical
} by RGUHS - 2004

Total marks and change in pattern of examination in both theory and practical.

Internal assessment marks: Theory -40 (Before 2010 - 60)

Practical -40 (Before 2010 - 20)

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
June-July 2012	189	88	101	-	-	47%	53%

Jan 2013	101	48	53	-	-	48%	52%

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library, - List and books available in dept.produced during peer team visit

-Dept. library – 190 books

1. **Computers** - List of computer, accessories, software and ICT -
2. 2 computers available
3. LCD – one
4. OHP -three

Specialty specific software's –Central Library -1 and departmental library -1
Broad band, wifi- available, Models for teaching -available

teaching aids- Charts -90, famous scientists - 35

Department space break up details

Space details

1. Lecture halls X 2 : 180 sq meters each
   Seating capacity : 200 each
2. Demonstration rooms X 2 : 60 sq meters each
   Seating capacity : 75-90 each
3. Haematology laboratory : 200 sq meters
   Seating capacity : 90
4. Clinical / human laboratory : 200 sq meters
   Seating capacity : 90
5. a. amphibian laboratory : 200 sq meters
   Seating capacity : 90

   b. mammalian laboratory : 80 sq meters

   Seating capacity : 45
6. Research laboratory : 60 sq meters
7. Preparation room X 3 : 14 sq meters each
8. Library and seminar room : 80 sq meters
9. Department museum : 80 sq meters
10. Staff rooms

I.	Professor and HOD	:	18 sq meters
II.	Professor	:`	15 sq meters
III.	Assoc. professor X 2	:	15 sq meters each
IV.	Asst. professors	:	20 sq meters
V.	Tutors	:	15 sq meters
VI.	Postgraduates	:	18 sq meters
VII.	Office	:	12 sq meters

1. **Major equipments details** - List of major tools/equipments - available

Other institution facilities used –1.Biochemistry, 2.Clinical Hematology and other resources –Anesthesia department - artificial Respiration using a mannequin.

6. Modern teaching methods practiced and use of ICT in teaching – learning

Lecture method -PPT, OHP

List of PPT –

List of power point presentations in the department – 60 – available

1. System wise –
    a. General Physiology
    b. Blood
    c. Nerve muscle Physiology
    d. Respiratory Physiology
    e. Cardiovascular Physiology
    f. Renal Physiology
    g. Gastrointestinal Physiology
    h. Endocrine Physiology
    i. Reproductive Physiology
    j. Special senses
    k. Central nervous system
2. List of seminars
3. List of Journal clubs

Practical teaching - as prescribed in RGUHS syllabus (Hematology, Human & clinical physiology experiments with maintenance of practical records)

List of Student projects – UG-one

List of UG research projects

1. Evaluation of stress status among MBBS students prior to Internal Assessment examination – Mr. Ganesh Pradhan and Ms.Akshatha Ramani

List of research projects completed

1. A comparative study of auditory and visual reaction time between normal and hypothyroid patients before and after treatment – Dr. Rekha K N
2. Correlation between High sensitivity C -Reactive protein with the degree of glycemic control in type 2 Diabetes mellitus patients -Dr. Gopi Kumar M S
3. Evaluation of stress status among MBBS students prior to Internal Assessment examination – Mr. Ganesh Pradhan
4. Predicting the visual outcome of senile mature cataract patients of RRMCH –Dr. Gopi Kumar M.S.
5. Correlating the values of CFF with retinopathy changes in type II DM patient – Dr. Gopi Kumar M.S.
6. Effect of premenstrual stress on auditing and visual reaction time –Dr.Rekha K N
7. Effect of premenstrual stress on critical fusion frequency - Dr.Rekha K N
8. Correlating the auditory and visual reaction time with the levels of HbA1c in type 2 DM patients – Dr. Rekha KN

List of ongoing research projects

1. A comparative study of glomerular filtration rate in normal subjects and type 2 diabetes mellitus patients in Bangalore – Dr.Neelkanth Kote
2. A comparative study of short term memory assessment by visual tasks in yoga practitioners and normal subjects – Dr.Shilpa M
3. A comparative study of anemia with the degree of glycemic control in type 2 diabetes mellitus – Dr.Ujwala Jagdale
4. A retrospective study of anemia in women of reproductive age group in Rajarajeswari Medical College & Hospital, Bangalore – Dr.Ujwala Jagdale
5. Attitude of first year MBBS students about the different teaching aids used in Physiology lectures -– Dr.Ujwala Jagdale

Hands on experience – Practicals

List of Seminars – UG -

2. Famous scientists in Physiology – September 2012

SI. No.	Date	Topic	Speaker

1	28/01/2011	Telomere – Key to Immortality	Dr. M. P. Jayarajan
2	21/07/2011	Transport across cell membrane	Dr.Gopi Kumar
3	09/08/2011	Homeostasis	Dr.Rekha K N
4	23/09/2011	Action potential	Dr.Rekha K N
5	30/09/2011	Second messengers	Dr.Gopi Kumar
6	21/10/2011	Blood coagulation	Dr.Rekha K N
7	04/11/2011	Neuromuscular transmission	Dr.Gopi Kumar
8	16/11/2011	Blood grouping	Dr.Rekha K N
9	22/11/2011	Cell mediated immunity	Dr.Gopi Kumar
10	22/12/2011	Cardiac cycle	Dr.Gopi Kumar
11	03/01/2012	Humoral immunity	Dr.Rekha K N
12	06/01/2012	Platelets and its functions	Dr.Gopi Kumar
13	13/01/2012	Coronary circulation	Dr.Rekha K N
14	30/01/2012	Electrocardiogram – part I	Dr.Gopi Kumar
15	02/02/2012	Electrocardiogram – part II	Dr.Gopi Kumar
16	13/02/2012	Cardiac output	Dr.Rekha K N
17	28/02/2012	Neural/short term regulation of blood pressure	Dr.Gopi Kumar
18	13/03/2012	Long term regulation of blood pressure	Dr.Rekha K N
19	26/04/2012	Regulation of respiration	Dr.Gopi Kumar
20	22/05/2012	Mechanics of breathing	Dr.Rekha K N
21	02/08/2012	Transport of oxygen	Dr.Rekha K N
22	16/08/2012	Transport of Carbon dioxide	Dr.Gopi Kumar
23	23/08/2012	Homeostasis	Dr.Ujwala N.Jagdale
24	31/08/2012	Cell membrane and cell junctions	Dr.Shilpa
25	04/10/2012	Deep sea Physiology	Dr.Gopi Kumar
26	12/10/2012	High altitude and space Physiology	Dr.Rekha K N
27	13/12/2012	Protein synthesis	Dr.Shilpa
28	01/02/2013	Blood groups	Dr.Neelkanth Kote
29	07/02/2013	Erythropoiesis	Dr.Ujwala N.Jagdale

30	12/04/2013	Gastric secretion	Dr.Neelkanth Kote
31	19/04/2013	Cell mediated immunity	Dr.Shilpa
32	16/05/2013	Sleep physiology	Dr.Gopi Kumar
33	01/06/2013	Visual receptors	Dr.Rekha K N
34	13/06/2013	The cell and its organelles/ functions	Dr.Jaysheela
35	20/06/2013	Glucose homeostasis	Dr.Ujwala N.Jagdale
36	04/07/2013	Calcium metabolism	Dr.Neelkanth Kote

Quiz - 3 for undergraduates in 2012-13

List of debate ,quiz, essay competition – Quiz - two (2012,2013)

CE –MEU

List of activities of medical educational technology cell

LIST OF WORKSHOPS CONDUCTED BY MEU 2012-13

Programme Date

1) Research Methodology orientation workshop - 4th Feb 2012-1st MBBS

For Under graduate Students - 11th Feb 2012 – IInd MBBS
- 18th Feb 2012-Final

MBBS

2) TOT- Programme
Workshop in Educational Science Technology
For Medical teachers - 5th - 6th June 2012

3) Public Heath Emergencies &

Disasters, Preparedness & Response - 10 to 14th Sept 2012

4) Post graduate lecture series - 8th & 9th Oct 2012

List of activities of medical educational technology cell

LIST OF WORKSHOPS CONDUCTED BY MEU 2012-13

Programme Date

2) Research Methodology orientation workshop - 4th Feb 2012-1st MBBS

For Under graduate Students - 11th Feb 2012 – IInd MBBS
- 18th Feb 2012-Final

MBBS

2) TOT- Programme

Workshop in Educational Science Technology
For Medical teachers - 5th - 6th June 2012

4) Public Heath Emergencies & Disasters, Preparedness & Response - 10 to 14th Sept 2012

5) Post graduate lecture series - 8th & 9th Oct 2012

List of Dissertation – Fact Data Sheet-22. Dissertation Topic

List of Tutorials - Fact Data Sheet-23. Tutorials

PBL - Fact Data Sheet-18. List of problem based learning

List of Case Based Learning -

List of Audio and Video CDs - 2

Self-directed learning—Assignments,library,internet surfing

Home assignments – yes,Skills quota - Practicals

CPA cards –printed ,given to each students and evaluated on continued basis

PG log book – yes (RGUHS log book, departmental daily log book)

Feed s collectectd, area for improvement teacher identified action initiated

Student feed to be initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
year	Students allotted
	Minutes and meeting book

Mentorship allotment, minutes of review- available
UG students- 150, 10 students per mentor (15 mentors)

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

Counseling-mentor wise records - available

Coaching class for underperformers – time table

PTA meetings: 1) 2nd December,2011 (2011-12 Batch)

2) 8th, 11th to 15th Feb,2013 (2012-13 Batch) 2013

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs –

List of PG seminars –

Conferences Conducted – IMA National conference Dec 2011, IMSA conference, South India, Oct 2012, Guest Lectures - (Oct,2011 and April,2012)

Conferences attended -2010: PSI, SAP; 2011: APTCON; 2012: IMSA

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Membership of teachers in University bodies - PHD committee (MPJ) 2008-2009

1. Member PhD committee, RGUHS (2008-2009)- DR.M P Jayarajan

Professional association, activities – APPI, IMSA, IABMS,IMA

CE – MEU, TOT Rrmch, FAIMER, Med Ed- (Shalopur), Res in Med Ed - MSRMC

College academic journal articles in preparation

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years -**

2 Symposia inter departmental

Linkages-and MOU at least 2 – NIMHANS, IAM, Jayadeva institute of Cardiology

11. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	**DNB? Exam Centre Enrichment Courses**	**DNB – Sanction? Problem Based Learning**	**GIVE DEMO IN Preconference Workshop**	**Increase Seats To 250**	**New Paramedical**
TLE	**All Teaching Ppt** **Student Centric ,** **Train For** **Viva-Voce,** **Faculty Development Activities** **All faculties avail**	**Use Net For Teaching** **Cpa Card Intensify,** **Atted Cinference With Paper All Faculty** **Weekly Scienctific Club**	**Live Lectures Relay** **Student Projects, Tutorials,Group** **Discussion. Hands On Expirience,** **Pbl,Enrichment,Prove** **Improve Teacher Quality By Advance Skills**	**TTrain For Mcq,** **PPbl,Enrichment, Prove** **IImprove Teacher Quality By**	**Student And Faculty Exchange** **Atted Cinference With Paper All Faculty** **Condict 2-Workshops** **Faculty Development Activitie**

	membership of national professional association Increase quality and quantity o results	**Condict 2-Workshops** **Complete annual review** Increase quality and quantity o results	**Atted Cinference With Paper All Faculty** **Conduct-National Conference** **Condict2-Workshops** **Complete annual review** Increase quality and quantity o results	**Advance Skills** **CCondict 2-Worksho ps** Iincrease quality and quantity o results	Increase quality and quantity o results
Adminis tration	**Four Coodinators** **Committees Of IQAC**	**Internalise** **IQAC ,Develop IQAR,PPD**	**Internalise** **IQAC ,Develop IQAR,PPD**		
Researc h/Exten sion	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conferen ce Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**
Infrastr uctures	**Improve library quality 55-points** **Improve LABOROT ARIES** **GET**	**Improve library quality 55-points** **Upgrade Laborotaries** **Cllibration of**	**Improve library quality 55-points** **Maintain and assess space for ug , pg, paramedical students and faculties**	**Improve library quality 55-p Cllibrati on of equipme nts oints**	**Improve library quality 55-points** **Cllibration of equipments**

	EQUIPMENTS **Get advanced research equipments** **Maintain and strengthen ICT – facilities and utilisation**	**equipments** **TRAIN IN advanced research equipments**	**Cllibration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT – facilities and utilisation**	**Maintain and strengthen ICT – facilities and utilisation**	**Maintain and strengthen ICT – facilities and utilization** **Add on teaching aids**
Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education ,service and research**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence in**	
Collaborations/ *Linkages*	**Get international linkage-for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with ngo for services and to procure research grants**	**Participate in national health services schemes**	

BIOCHEMISTRY

EVALUATIVE REPORT OF THE DEPARTMENT OF BIOCHEMISTRY

1. **Faculty profile - adequacy and competency of faculty:**

Name	Sex	Designation	Qualification	Approved Guide Y/N	State	PT/FT	PhD
Dr.H.V.Shetty	Male	Prof & HOD	MD Biochemistry	Yes	Karnataka	FT	-
Dr.S.M.R.Usha	Female	Professor	MD Biochemistry	Yes	Karnataka	FT	-
Dr.K.S.Priyadarshini	Female	Assoc.Professor	MD Biochemistry	Yes	Karnataka	FT	-
Dr.C.M.Bindu	Female	Assoc.Professor	MD Biochemistry	No	Karnataka	FT	-
Dr.N.Chandrika	Female	Assist.Professor	MD Biochemistry	No	Karnataka	FT	-
Mrs.Deepti Gupta	Female	Assist.Professor	MSc. Medical Biochemistry	No	Karnataka	FT	-
Miss.H.G.Sowrabhi	Female	Tutor	MSc.Medical Biochemistry	No	Karnataka	FT	-
Dr.R.Reena	Female	Tutor	M.B.B.S	No	Karnataka	FT	-
Dr.K.S.Manjula	Female	Tutor	M.B.B.S	No	Karnataka	FT	-
Dr.M.Deepa	Female	Tutor	M.B.B.S	No	Karnataka	FT	-
Dr.V.Mamatha	Female	Tutor	M.B.B.S	No	Karnataka	FT	-

2. **Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

	M	F	SS	OS	OC	NRI	DA
Name Total UG students	57	93				03	
Total PG students		4					
I year		2					
II year		2					
III year							
Total number of repeaters							
Total Interns							

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
December 12- 13	127	54	73			43%	57%
Jun 12-13	193	68	125			35%	65%
December 2011 -12	69	18	51			26%	74%
Jun 11 -12	149	50	99			34%	66%

5. **Learning resources of the departments - library, computers, laboratories and other resources**

Dept. library, - List and books available in dept.produced during peer team visit

-Dept. library, - List of books

Computers, - Available ,

LCD, - Available

Planning to procure Specialty specific software's

Broad band, wifi, - Available

Models for teaching, - Available –

teaching aids, - CD & OHP sheets - Available

Laboratories, -1. Student Lab with 92 seats capacity

2. Clinical Biochemistry lab

3. Central research lab

SPACE DIMENSIONS-As per MCI available

I. OFFICE ACCOMMODATION

RRJARAJESWARI MEDICAL COLLEGE & HOSPITAL
DEPARTMENT OF BIOCHEMISTRY

List of Equipments available in Department of Biochemistry for Under Graduates

Sl. No.	Name of the instrument	Available in the Department
1.	pH meter	1
2	Digital Photo colorimeter	5
3	Boiling water bath	5
4	Centrifuge	1
5	Dispenser	1
6	Glass distilled water plant	2
7	Distilled water plant (Metallic)	1
8	Fume cupboards	1
9	Electrophoresis chamber	1
10	Stop watch	5
11	Spectrophotometer	1
12	Balance single pan	1
13	Refrigerator	1
14	Incubator	1
15	Digital balance	2
16	Urinometers	30
17	Thermometers	10
18	Spectroscope	12
19	Glass ware as required by standard lab (Pipettes,Beakers,Conical flasks)	Available as required

List of Instruments in Central Research Biochemistry Laboratory

Serial no.	Name Of the Instrument	
1	Helena Electrophoresis Unit with power pack+ PC+ CPU+ Printer+ Densitometer (EPSON V6000 photo)	01
2	Chemiluminescence Cobas e 411 (Roche-Hitachi)	01
3	U/V Spectrophotometer (Microprocessor Model 1371)	01
4	Centrifuge	02
5	Analytical Balance (oriental)	01
6.	Digital photo colorimeter (Lobotronics)	01
7.	ABG analyzer (Cobas b 121)	01
8.	Incubator	01
9.	Hot air oven	01
10	Dessicator	02
11	Glass burette	01
12.	Water bath (Jeswin Technologies)	01
13.	Descending Chromatography chamber(Techno scientific products)	01
14.	Circular chromatography chamber	01
15.	Refrigerator (Samsung)	01
16.	Glass wares Cylinders 1000ml ,100ml 25 ml Conical flask 500ml, 250ml Beakers 100ml, 50ml	01 each
17	Plastic wares Distill water bottle, cylinders -1000ml, 500ml, 100ml	01 each

Rajarajeswari Medical College and Hospital

Department of Clinical Biochemistry

List of Instruments Available in Clinical Biochemistry Laboratory

Serial no.	NAME OF THE INSTRUMENT	COMPANY
1	ERBA EM 360 Fully automated Analyser	Transasia
2	Mindray BS-300 Fully automated Analyser	Piramal
3	Robonik Prietest Semi automated Analyser (AT 1880111RBK)	Robonik
4	Robonik Prietest Semi automated Analyser (AT 1880111RBK)	Robonik
5	Roche 9180 Fully automated Electrolyte Analyser	Roche
6.	Sensacore ST-200 Fully automated Electrolyte Analyser	Ark Diagnostics
7.	I Smart-30 Fully automated Electrolyte Analyser	I Sense
8.	LISA Quant-TS(Microplate ELISA reader), LISA wash 4000(Microplate ELISA Washer)	Tulip Group

6. Modern teaching methods practiced and use of ICT(Information communication Technology) in teaching – learning

Refer –Fact Data Sheet-14. Enrichment courses

Refer –Fact Data Sheet-16. List of on-going projects

Refer –Fact Data Sheet-18. List of problem based learning

Refer –Fact Data Sheet-22. Dissertation Topic

Refer –Fact Data Sheet-23. Tutorials

Refer –Fact Data Sheet-24. Students Projects

Refer –Fact Data Sheet-25: Specialty clinics

Lecture method, - teaching with black board

Practical teaching, - **Students Laboratory**

Hands on experience, Students: Estimation of Blood parameters (eg. Glucose, Urea, Creatinine, Protein etc.)

List of Seminars, Quiz, Continued Education Programme, Literature review wall magazines – paper cuttings, List of Dissertation, - PG

List of Tutorials, -UG, List of Case Based Learning, - Case reports List: List of Audio and Video CDs, - List (Central library) ,Self-directed learning – **Planning**,Home assignments – Done ,Skills quota,

Continuing Performance Assessment (CPA) cards - **Planning** ,PG log book – Available

Feed s collectectd, area for improvement teacher identified action initiated –Done

6. Participation of teachers in academic and personal counseling of students

-Mentorship-Done

Name of faculty	Dr.C. M. Bindu, Dr. Priyadarshini , Mrs,Deepthi gupta , Mis,Sowrabhi
Year 2012 – 13	Students allotted – 11 Students each
	Minutes and meeting book – Available

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

7. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

8. **Participation / contribution of teachers to the academic activities including Teaching, consultancy and research**

Professional association, activities, - IMA , ACPI

9. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2: EQAS (CMC-VELLORE):

Satellite centers

Department of Clinical Biochemistry
Christian Medical College, Vellore - 632 004

ACBI / CMC EXTERNAL QUALITY ASSURANCE SCHEME

Certificate of Participation

This is to certify that
RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL
.....
BANGALORE.
.....
3674
Lab No. ..... *has participated*
in the Chemistry Program
of the External Quality Assurance Scheme
during the year 2012.

VELLORE
January 2013

Dr. R. Selvakumar M.Sc.,Ph.D
Prof. & Head of Clinical Biochemistry

10. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

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Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

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Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

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	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	DNB? Exam Centre Enrichment Courses	DNB – Sanction? Problem Based Learning	GIVE DEMO IN Preconference Workshop	Increase Seats To 250	New Paramedical
TLE	All Teaching Ppt Student Centric , Train For Viva-Voce,	Use Net For Teaching Cpa Card Intensify, Atted Cinference	Live Lectures Relay Student Projects ,Tutorials,Group Discussion. Hands On Expirience, Pbl,Enrichment,Prove	TTrain For Mcq, PPbl,Enrichment, Prove	Student And Faculty Exchange Atted Cinference With Paper All Faculty Condict 2-

	Faculty Development Activities **All faculties avail membership of national professional association** Increase quality and quantity o results	**With Paper All Faculty** **Weekly Scienctific Club** **Condict 2-Workshops** **Complete annual review** Increase quality and quantity o results	**Improve Teacher Quality By Advance Skills** **Atted Cinference With Paper All Faculty** **Conduct-National Conference** **Condict2-Workshops** **Complete annual review** Increase quality and quantity o results	**IImprove Teacher Quality By Advance Skills** **CCondict 2-Workshops** Iincrease quality and quantity o results	**Workshops** **Faculty Development Activitie** Increase quality and quantity o results
Administration	**Four Coodinators** **Committees Of IQAC**	**Internalise** **IQAC ,Develop IQAR,PPD**	**Internalise** **IQAC ,Develop IQAR,PPD**		
Research/Extension	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**

Infrastructures	**Improve library quality 55-points** **Improve LABOROTARIES** **GET EQUIPMENTS** **Get advanced research equipments** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-points** **Upgrade Laborotaries** **Cllibration of equipments** **TRAIN IN advanced research equipments**	**Improve library quality 55-points** **Maintain and assess space for ug , pg, paramedical students and faculties** **Cllibration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-p Cllibration of equipments oints** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-points** **Cllibration of equipments** **Maintain and strengthen ICT – facilities and utilization** **Add on teaching aids**
Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education ,service and research**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence in**	
Collaborations/ ***Linkages***	**Get international linkage-for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with ngo for services and to procure research grants**	**Participate in national health services schemes**	

Biochemistry Yearwise List

Purchase Year	Total Purchase Books

2003-04	133
2004-05	34
2005-06	40
2006/07	
2007-08	33
2008-09	97
2009-10	105
2010-11	274
2012	20
2013	01
Total	**737**

JOURNAL CLUB -2011-2014

Post Graduate Student Dr. Reena R.	
Date	**Journals**
23/08/2011	Recent insights into the pathophysiology of preeclampsia – Review article Expert Review OBG 2010
07/12/2012	Increased level of lipid peroxidation in PE Pregnancy; a relationship with PON1 activity Ind Medica
30/07/2012	Serum Creatinine kinase and Lactate Dehydrogenase in Hypothyroidism 2012
31/08/2012	Serum Magnesium in Type II DM 2012
26/07/2012	Assessment of different teaching aids and methods for better perception of Biochemistry by I MBBS students 2012
06/12/2012	Study of serum CK and LDH for paper presentation at 39th ACBICON Ranchi 2012
13/09/2013	Homocysteine in occlusive vascular disease: A risk marker or risk factor – Indian Journal of Biochem and Bio physics 2012
05/04/2013	The use of Serum and Urinary Biochemical markers of bone turnover in Post menopausal women International journal of Health and Biochemical research 2012

JOURNAL CLUB -2011-2014

Post Graduate Student Dr. Manula K.S.	
Date	**Journals**
24/11/2011	Review article on Glucose transporters in 21st century Am J Physiol Endo Metab 2010
13/07/2012	Serum Ferritin in Type 2 DM and its relationship with HbA1C Acto Medica Iranica Med 2004
30/07/2012	Serum Transaminases in Hypothyroidism
07/09/2012	Serum amylase and lipase in uncontrolled DM
06/12/2012	Study of serum transaminases for paper/poster presentation at 39th ACBICON Ranchi
1/02/2013	Role of Vitamin D supplementation in Hypertension Indian Journal of

	Biochemistry 2011

Post Graduate Student Dr. Manjula K.S.	
Date	**Topics**
30/08/2011	Compound Lipids
20/10/2011	Iron Metabolism
23/02/2012	Cytochromes
29/03/2012	Gluconeogenesis
25/05/2012	Ketone Bodies
09/04/2013	Evidence that even 'normal albuminuria' may denote incipient GFR reducation in patients with Type II DM Diabetes Research and Clinical Practice 2010

Department of Biochemistry
SEMINARS CONDUCTED -2011-2012

Department of Biochemistry

List of services offered by the department

BLOOD GLUCOSE INVESTIGATIONS

- **FBS (Fasting blood glucose)**
- **PPBS (Post prandial blood glucose)**
- **RBS (Random blood Glucose)**
- **GTT (Glucose tolerance test)**
- **OGCT (Oral glucose challenge test)**

RENAL FUNCTION TESTS

- **Blood urea**
- **Serum Creatinine**
- **Serum uric acid**

LIVER FUNCTION TESTS

- **Serum Total Bilirubin**

SPECIAL INVESTIGATIONS

- **GGT (Gama Glut amyl Transferee)**
- **G-6-PD (Glucose-6-phosphate dehydrogenase)**
- **IRON /UIBC/ TIBC**
- **Serum ferritiin**
- **Serum Calsiam**
- **Serum Phosphorous**
- **Serum electrolytes**
- **Serum Amylase**
- **Serum lipase**
- **Serum Acid Phosphatase**
- **Magnesium**
- **Zinc**

- **Serum direct Bilirubin**
- **SGOT/AST**
- **SGPT/ALT**
- **Serum Alkaline Phosphatase**
- **Serum Total protein**
- **Serum Albumin**
- **A/G ratio**
- **HbA1c (Glycosylated –Hb)**
- **Urine microalbumin**
- **Thyroid profile; T3 T4, TSH, Thyroid antibodes**

BODY FLUIDS

- **CSF analysis**
- **Pleural fluid analysis**
- **Ascitic fluid analysis**

LIPID PROFILE

- **Total Cholestroal**
- **HDL Cholestroal**
- **LDL Cholestroal**
- **Triglycerides**

CARRDIAC PROFILE

- **Creation kinse- Total**
- **Creation kinase-MB**
- **LDH**
- **SGOT/AST**

The Following TUMOR Markers are not done in our laboratory because of few patients, reagents cost is more and reagents have short shelf life .

1. Carcinoembryonic antigen (CEA)

2. Alpha fetoprotein (AFP)

3. Cancer antigen -125 (CA—125)

4. Human chorionic gonadotrophin (HCG)

University Distinctions/Rank

YEAR	UG				PG			
	% of passes	Number of first classes	Number of distinctions	Rank if any	% of passes	Number of first classes	Number of distinctions	Rank if any
2006-07	54	27	1	-				
2007-08	48	19	1					
2008-09	120	36	2					
2009--10	181	51	2					
2010--11	210	52	1					
2011-12	246	88	5					
2012-13	249	99	20					

PHARMACOLOGY

Evaluative report of the department of PHARMACOLOGY

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/ FT	PhD/
Dr. Basavaraj Bhandare	M	Prof & HOD	**MBBS, MD**	**Y**	**Kar**	**FT**	
Dr. Anand R Kalamdani	M	Professor	**MBBS, MD**	**Y**	**Kar**	**FT**	
Dr. Sathyanarayana V	M	Professor	**MBBS, MD**	**Y**	**Kar**	**FT**	
Mrs. Hemamalini	F	Asst Professor	**MSc**	**N**	**Kar**	**FT**	
Dr. Nandimath Meena Kalyani	F	Asst Professor	**MBBS, MD**	**N**	**Kar**	**FT**	
Dr.Rekha M.B	F	Asst Professor	**MBBS, MD**	**N**	**Kar**	**FT**	
Dr.Jyothirmay Adhikary	M	Tutor / PG	**MBBS**	**N**	**Assam**	**FT**	
Dr.Poornima B	F	Tutor / PG	**MBBS**	**N**	**Kar**	**FT**	
Dr.Naveen Poojar C.M	M	Tutor / PG	**MBBS**	**N**	**Kar**	**FT**	

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students							
Total PG students	**2**	**1**					
I year	**1**	**1**					
II year	**1**	**--**					

III year							
Total number of repeaters							
Total Interns	**NA**	**NA**					

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

IN THE CURRENT SYLABUS – As Per RGUHS

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
2008-09						81%	19%
2009-10						69%	31%
2010-11						53%	47%
2011-12						92%	8%
2012-13						56%	44%

5. Learning resources of the departments - library, computers, laboratories and other resources

Dept. library, - List and books available in dept.produced during peer team visit

Computers- 3

LCD -1

Specialty specific software's- SIMULATED ANIMAL EXPERIMENTS

Broad band, wifi- AVAILABLE

Models for teaching - PHOTOGRAPHS AND CHARTS, GRAPHS, DRUG SAMPLES, GROUP DISCUSSIONS, LECTURES, VIVA

teaching aids – OHP,PPT's, BLACK BOARD

Laboratories,

Space details,

Space details of Buildings in the dept of Pharmacology

Demonstration Room:

Number : 02

Accomodation :

Size : 90sq mts each

Capacity: 85 Students

Audio – Visual equipments – Available.

Practical laborities:

		Experimental Pharmacology	Clinical Pharmacology & Pharmacy
a	Accomadation	1	1
	Size	200 sq mts	200 sq mts
	Capacity	90 students	90 students
B	Working arrangement		
	Seats available	90	90
D	Ante – Room/preparation room		
	Size	14sq mts	14sq mts

Museum

Size: 125 sq mts

Departmental Library – Cum-seminar room

Size : 30 sq mts

Capacity : 20

Research laboratory

Size: 50 sq mts

Office accomadation

Professor & HOD : 20 sq mts

Associate Professors/ Readers : 20 sq mts X 2 nos

Assistant professor / Lecturers : 20 sq mts X 14.5 sq mts

Tutors / Demonstrators : 15 sq mts X 2 Nos

Non teaching & Clerical staff : 15 sq mts X 2 Nos

Major equipments details,- AVAILABLE IN DEPARTMENT

Other institution facilities used

and other resources

EQUIPMENT LIST

SL NO	NAME OF THE EQUIPMENTS
1	HPLC
2	SPECTROPHOTOMETER (UV VISIBLE RANGE)
3	FLAME PHOTOMETER
4	DIGITAL PH METER
5	DIGITAL COLORIMETER
6	ACTOPHOTOMETER
7	ELECTROCONVULTIOMETER
8	ROTAROD ASSEMBLY
9	COOK'S CLIMIBING APPARATUS
10	ANALGESIOMETER
11	ANTIHISTAMINE CHAMBER
12	EDDY'S HOT PLATE
13	ELECTRONIC BALANCE
14	AUTOCLAVE ELECTRIC
15	INCUBATOR
16	REFRIGERATORS
17	STARLING'S LONG EXTENTION KHYMOGRAPH
18	BRODI'S OPERATION TABLE
19	RESPIRATION PUMP (500 cc)
20	APPARATUS FOR MAMMALIAN HEART
21	CENTRIFUGE
22	HOT AIR OVEN
23	ISOLATED ORGAN BATH
24	SMOKING BURNERS
25	TRACHEAL CANULA
26	INCHLEY'S DROP RECORDER
27	PLETHYSMOGRAPH
28	BELL JARS ASSORTED
29	CANULAS (DIFFERENT TYPES)
30	METABOLIC CAGGES (DIURETIC STUDY)
31	WEIGHING MACHINE FOR SMALL ANIMALS
32	B P APPARATUS

33	STETHOSCOPE
34	THERMOMETER (110 C)
35	FROG BOARDS
36	DISSECTION INSTRUMENTS
37	X-BLOCKS
38	CHEMICAL BALANCE SENSITIVE
39	DISPENSING BALANCE
40	PILL TILES
41	PORCELAIN DISHES
42	CRUCIBLES WITH TONGS
43	PESTLE AND MORTER
44	GLASS MORTER AND PESTLES
45	MEASURING GLASS ALL SIZES
46	IRON SPATULA
47	WATERBATH METAL
48	GLASS RODS FUNNELS AND FILTERS
49	ANIMAL TROLY
50	ANIMAL CAGES
51	STANDARD POWER TABLES
52	KYMOGRAPH (STUDENTS) ELECTRIC INDEPENDENT UNIT
53	TAMBOURS MAREYS PALMER
54	MICROSCOPE STUDENTS TYPE
55	VARNISHING TRAY WITH FOOT LEVER *
56	OXYGEN TUBE
57	HOOK GRIP RODS
58	PLAIN STAND
59	APPARATUS FOR ISOLATED RABBIT INTESTINE
60	COPPER TRAYS (10” X 8” X 1 “)
61	DISTILLATION APPARATUS
62	DESSICATORS
63	WORKING TABLES WITH RACKS
64	CHEMICAL BALANCE- ORDINARY APOTHECARY’S
65	OPERATING LAMPS
66	ELCTROCARDIOGRAPH
67	SKIN AND RECTAL THERMOMETER BARUN
68	STOP CLOCK
69	WATER BATH 4 HOLE ELCTRICALLY HEATED
70	MUSEUM DRUGS SPECIMEN JARS
71	PETRI DISHES ASSORTED
72	INSTRUMENT STERILISER ELECTRIC
73	DISTILLED WATER STILL MANESTY ELCTRICAL CAP
74	TEMPARATURE CONTROLLED WATER BATH 37 C
75	STOP WATCHES
76	GLASS TUBING
77	GLASS RODS- ASSORTED

78	MAGNIFYING GLASS WITH METAL HANDLE
79	RABBIT HOLDER
80	RYLE'S TUBE
81	PIPETES
82	TEST TUBES
83	OPERATION TABLE / POSTMORTEM TABLE
84	2 UNIT ISOLATED ORGAN BATH
85	LCD PROJECTOR WITH SCREEN
86	COMPUTERS WITH PRINTERS
87	MIKE WITH AMPLIFIER
88	OHP

List of Power Point Presentation.

1. Routes of drug administration
2. Factors modifying drug action
3. Pharmacovigilance
4. Rational drug prescription
5. CNS- introduction
6. Alcohol
7. Sedative hypnotics
8. Antiparkinsonian drugs
9. Antipsychotic
10. Antimaniac drugs
11. Anti depressants
12. Antianxiety drugs.
13. Opiod analgesics.
14. Anticholinergics
15. Glaucoma
16. Introduction to ANS & cholinergic drugs.
17. General anaesthetic
18. Antipiletics
19. Sulfonamides & fluoroquinolones.
20. Rheumatoid arthritis & gout
21. CNS stimulants.
22. Introduction to pharmacology

23. Routes of drug administration I and II
24. Drug absorption
25. Drug distribution, PPB and Barriers.
26. Drug excretion, elimination kinetics and half life.
27. Adverse drug reactions
28. Factors modifying drug effects
29. Drug interactions
30. Rational drug therapy
31. Cholinergic transmission
32. Anticholinergics
33. Catecholamines.
34. Non - Catecholamines.
35. Alpha – blockers
36. Beta – blockers
37. Local – anaesthetics
38. Antiepileptics
39. Sedative – hypnotics
40. General – anaesthetics
41. Antiparkinsonian drugs.
42. Cardiac glycosides
43. Antianginals
44. Treatment of shock
45. Hypolipidernic agents
46. Histamines & anti histamines
47. Treatment of gout and rheumatoid anthritis
48. Treatment of migraine.
49. Lipid derived autocoids.
50. PAF and kinins.
51. Pharmacody namis 1, 2 & 3
52. Drug metabolism
53. Phatmacokinetics
54. Coagulants

55. Anticoagulants
56. Thrombolytics
57. Antiplatelet drugs.
58. Cholinergics
59. Mechanism of neurotransmission
60. ANS – anatomy
61. Intrudoction to ANS
62. Cholino and adreno receptors.
63. Drugs acting in ANS
64. Adrenergics
65. Anti adrenergics.
66. Functional role of ANS
67. ANS pharmacology
68. Antipsychotics
69. Antidepressants
70. Treatment of asthma
71. Antituissives
72. Emetics and anti emetics
73. Treatment of peptic ulcer
74. Folic acid
75. Pharmaco theraphy of glaucoma
76. Cytolines in health and disease
77. Treatment of status epilepticus.
78. Skeletal muscle relaxants.
79. Introduction to hormones and anterior pituitary hormones
80. Thyroid hormones
81. Anti thyroid drugs.
82. Insulin
83. Antidiabetic drugs
84. Corticosteroids 1 and 2
85. Estrogens
86. Progestins

87. Contraceptives.
88. Androgens
89. Endocrine revision
90. Drugs acting on uterus
91. Drugs affecting calcium balance
92. General priniciples of antimicrobial agents.
93. Quinolones
94. Broad spectrum antibiotics
95. Macrolide antibiotics.
96. Miscellaneous antibiotics.
97. Anti tubercular drugs 1 & 2
98. Anti leprotic drugs
99. Anti fungal agents
100. Treatment of atypical mycobacteria.
101. Treatment of filariasis
102. Treatment of amoebiasis
103. Bioassay 1 & 2
104. Chelating agents
105. Patient compliance
106. Therapeutic drug monitoring
107. Smoking
108. Direct thrombin inhibitors
109. Aminoglycosides
110. Prescription writing.

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method- OHP,PPT's, BLACK BOARD

List of PPT, online- AVAILABLE IN DEPARTMENT

Practical teaching- AVAILABLE IN DEPARTMENT

List of Student projects,

Hands on experience,

List of Seminars - AVAILABLE IN DEPARTMENT

Quiz - CONDUCTED

Debate, - CONDUCTED

Essay writing, - CONDUCTED

CE,

Field visits - NA

Literature review wall magazines

List of Dissertation,

1. A comparative study of combination therapy of topical Isotretinoin plus topical Clindamycin versus topical Adapalene plus topical Clindamycin in the treatment of mild to moderate acne vulgaris of face in a tertiary care hospital, Bangalore.
   : Dr. Jyotirmoy Adhikary

2.A prospective study of Antimicrobial prophylaxis in lower segment cesarean section in a tertiary care hospital. :Dr Naveen Poojar C M

3.Prescription pattern of antihypertensive drugs in elderly patients in a tertiary care hospital. :Dr.Poornima B ,

List of Tutorials- AVAILABLE IN DEPARTMENT

PBL – 3 AVAILABLE IN DEPARTMENT

List of Case Based Learning- AVAILABLE IN DEPARTMENT

List of Audio and Video CDs- AVAILABLE IN DEPARTMENT

Self-directed learning- TESTS & ASSIGNMENT

Home assignments- TESTS & ASSIGNMENT

Skills quota,

CPA cards, - AVAILABLE IN DEPARTMENT

PG log book- MAINTAINED

Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	

Year	Students allotted
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of PG seminars - AVAILABLE IN THE DEPARTMENT

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

Satellite centers

11. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Refer Fact Data Sheet- 3 International Publications

Refer Fact Data Sheet-4 national Publications

Distinguished accomplishments,

International collaboration for research,

Major equipment inputs for research

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	To increase MD Pharmacology Seats.	Training in Pharmacovigilance	Training course on Animal handling.	Training course on handling of High – end equipment - HPLC	Workshop/training in research methodology
TLE	Increase the collection of Power point presentation, text book, reference book & CD's in department library. Attend conference with paper presentation by Faculty. To improve results both in qualinty &	Training of students in Viva - Voce Faculty development activities for example Training of teachers (TOT). Attend conference with paper presentation	To establish chronic animal model experiments to facilitate research activities. Weekly scientific activities for PG's. Attend conference with paper presentation by Faculty. Problem based learning &	To start Under Graduate students research projects. Tutorials, group discussions & hands on experience. Attend conference with paper presentation	Training of UG's & PG's in MCQ's. To conduct State level MCQ Quiz Competition. Attend conference with paper presentation by Faculty. Problem based learning & enrichment

	quantity wise.	by Faculty. Problem based learning & enrichment for UG's & PG's To improve results both in qualinty & quantity wise	enrichment for UG's & PG's To improve results both in qualinty & quantity wise	by Faculty. Problem based learning & enrichment for UG's & PG's To improve results both in qualinty & quantity wise.	for UG's & PG's To improve results both in qualinty & quantity wise.
Administration	PG academic committee in the department. Coordinator committee of IQAC.	PG academic committee in the department. Coordinator committee of IQAC.	PG academic committee in the department. Coordinator committee of IQAC.	PG academic committee in the department. Coordinator committee of IQAC.	PG academic committee in the department. Coordinator committee of IQAC.
Research /Extension	Seminars on recent topics from annual review. Present papers at National conferances by faculty. Research on following topics.	Seminars on recent topics from annual review. To publish research articles in National & International journals.	Seminars on recent topics from annual review To publish research articles in National & International journals. Research articles by Undergraduate student.	Seminars on recent topics from annual review To publish research articles in National & International journals	Seminars on recent topics from annual review To publish research articles in National & International journals

Infrastructures	**Installation of LCD projector in departmental demonstration room & Lecture hall.**	**Upgradation of department museum.**	**Extension of research laboratory with provision of major equipments like HPLC, Spectro photometry for research purpose.**	**Extension of departmental library infrastructure & to increase the collection of books & CD's in the departmental library**	**Extension of clinical pharmacology unit .**
Innovation	**Start Pharmacovigilance center.** **Computer Simulated animal experiments for UG's & PG's**	**Simulated animal experiments for UG's & PG's** **Hospital Case based study for PG's to improve their skill in rational therapy.**	**Visit to Pharmaceutical company by UG & PG students to enhance their understanding & awareness about drug manufacturing.**	**Integrated teaching for Undergraduate students.** **Conduct zonal & State level Quiz & debate competition for UG's.**	**Integrated teaching for Postgraduate students.**
Collaborations/ ***Linkages***	**Guest lectures by other college faculty for UG & PG students enhance teaching & learning process.**	**Awareness program of hazards of self medication for non teaching staff of the institution.**	**Awareness program of hazards of self medication & OTC drugs for villagers attached to the PHC.**	**Awareness program of hazards of self medication & OTC drugs for college students.**	**Collaboration with University and ICMR to procure research grants.**

PATHOLOGY

Evaluative report of the department of Pathology

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr.T. Rajaram	Male	Professor & HOD	M.D Pathology	Yes			
Dr. H. Rangappa	Male	Professor & Dean	M.D Pathology	Yes			
Dr. Usha Ramchandra	Female	Professor & Principal	M.D Pathology	Yes			
Dr. Sharmila.S.P	Female	Professor	M.D Pathology	Yes			
Dr. Mahanthachar.V	Male	Professor	M.D Pathology	Yes			
Dr. Jyothi A Raj	Female	Assoc. Prof	M.D Pathology	No			
Dr. Sushma.T.A	Female	Asst. Prof	M.D Pathology	No			
Dr. K.Shashikala	Female	Asst. Prof	M.D Pathology	No			
Dr. S.Shwetha Jayker	Female	Asst. Prof	M.D Pathology	No			
Dr.T.S.Sreedhar Murthy	Male	Asst. Prof	M.D Pathology	No			
Dr. Latha.V	Female	Tutor	DCP Pathology	No			

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students(153)	**57**	**93**				**3**	
Total PG students	**4**	**3**					

I year	**4**	**1**					
II year	**0**	**2**					
III year							
Total number of repeaters(39)							
Total Interns	**NA**						

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
2008 Jun	54	44	10	-	-	81%	19%
2008 Dec	37	22	15	-	-	59%	41%
2009 Jun							
2009 Dec							
2010 Jun							
2010 Dec	78	47	31	-	-	60%	40%
2011 Jun	57	33	24	-	-	57%	33%
2011 Dec	88	51	37	-	-	58%	42%
2012 Jun	61	42	19	-	-	68%	32%
2012 Dec	91	59	32	-	-	65%	35%

5. Learning resources of the departments - library, computers, laboratories and other resources

Dept. library, - List and books available in dept.produced during peer team visit

Computers,	-	**Yes**
LCD,	-	**Yes**
Specialty specific software's		
Broad band, wifi,	-	**Broad band and wifi**
Models for teaching, teaching aids,	}	**Wall mounted chats, Photographs, Museum**
Laboratories,		
Space details,	-	
Major equipments details,	-	
Other institution facilities used and other resources	}	**for PG students KMIO Bangalore & NIMHANS Bangalore.**

List of Computers Accessories, soft ware

1) Computer with Monitor-Samsung Sync Master793s
   Windows XP
2) Computer with monitor –Acer-185W80 PS
   Windows XP
3) Laser printer- HP Laser jet 1020&1007-Two
4) NIHON-KOHDEN Hematology analyser with Flatron –E-1641 HP-Computer Laser Jet printer P-31106. Windows XP-Modified
5) Department Library Computer 2 Nos.
   A) Computer1-CPU-HCL
      Monitor-Zenith
      Mouse-HCL
      Key Board-HCL
      Printer-HP Laser Jet 1020 &UPS-APC
      Windows XP
   B) Computer2-CPU-Zenith

Monitor-Samsung

Mouse-Zenith

Key Board-HCL-&UPS-Supercomputer

6) LCD Projector (College demonstration room)

7) OHP- 2 (College demonstration rooms)

8) Computer for LCD Projector and Microscope.

CPU-Zenith

Monitor-Samsung

Key board-Zenith

Mouse-Zenith

UPS-Intex

LIST OF MAJOR TOOL KITS/EQUIPMENTS

HISTOPATHOLOGY

NAME OF EQUIPMENT	**NO.**
1. Yorco rotary microtome - automated	1
2. Yorco rotary microtome – manual	1
3 tissue capsules (steel)	50
4. Aluminium slide carriers – large size	5
small size	1
5. Micro slide cabinet (5000 capacity)	1
6 . Paraffin block cabinet (20,000)	1
7. Automated tissue procesor (yorco)	1
8. Cryostat microtome automated(yorco)	1
9. Monocular microscope (issued from college)	3

HEMATOLOGY

LIST OF EQUIPMENT	NO.
1. Agappe – 3,000plus auto hematalogy analyser	1
2. Nihon- kohden with h-p laser printer and other accessories	1
3. Ups - 3kva with external batteries	2
4. Computer with moniter – samsung & acer	1+1
5. Laser printer – hp laser jet 1020 & 1007	2
6. Incubator	1
7. Centrifuge (remi)	1
8. Accustar (accu esr 30 ts) automated esr analyser	1
9. Act – 4 accustar coagulometer	1
10. Sahli's hemoglobinometer	2
11. Neubauer's chamber	1
12. Wintrobe tube (glass)	2
13. Wintrobe stand (steel)	1
14. Esr disposable tube stand	1
15. Micropipette- 5 – 50 microlitre	1
100 – 1000 microlitre	1
16. Whirlpool refrigerator – 165 litre capacity	1
17. Stabilizer for refrigerator	1
18. Borosil glass 1ml pipette	1
19. Hemoglobin tube	1
20. Wbc pipette	1
21. Rbc pipette	1
22. Blood cell counter with keys	2
23. Sd urometer 120	1
24. Multi thermometer with probe for refrigerator	1
25. Microscopes (monocular)	1

Grossing room

1. SCISSORS	2
2. MEASURING SCALE	1
3. FORCEPS	1
4. BP - SCALPEL	1
5. BRAIN CUTTING KNIFE	1
6. WEIGHING SCALE	1

CYTOLOGY

EQUIPMENT	NO.
1. MICRO SLIDE CABINET (20000 CAPACITY)	1
2. MICROSLIDE CABINET (5000 CAPACITY)	1
3. FNAC GUN	1
4. TEST TUBE RACKS (PLASTIC)	1
6. COPLIN JARS	17
7. FORCEPS	1
8. HEMOCYTOMETER	1
9. SYRINGE & NEDDLE DESTROYER	1
10. HOT AIR OVEN	1

COLLECTION CENTRE

EQUIPMENTS	NO.
1. SYRINGE NEEDLE DESTROYER	3
2. MEASURING SCALE	1
3. PLASTIC TEST TUBE HOLDER	1

REPORTING ROOM

MICROSCOPES	NO.
1. BINCULAR MICROSCOPES	7

List of power point presentations in the department
Pathology – RRMCH

1. Cell injury and Adaptations
2. Inflammation
3. Neoplasia
4. Haepatobiliary System
5. Central nervous system
6. Genetics
7. RBC disorders
8. WBC disorders
9. Breast
10. Lymphoreticular system

6. Modern teaching methods practiced and use of ICT in teaching – learning

Lecture method, List of PPT, online, Practical teaching, List of Student projects, Hands on experience, List of Seminars, Quiz, Debate, Essay writing, CE, Field visits,Literature review wall magazines List of Dissertation, - List seven candidates , List of Tutorials, PBL, List of Case Based Learning, List of Audio and Video CDs, Self-directed learning, Home assignments, Skills quota, CPA cards, PG log book-Yes

Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
year	**Students allotted**
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment

given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of PG seminars

Conferences Conducted

Conferences attended,

Deputed to other country, - Nil

9. **Participation / contribution of teachers to the academic activities including teaching , consultancy and research**

Membership of teachers in University bodies, - Dr. Usha Ramchandra

Professional association, activities, - Academy of Pathology Bangalore

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2 - Nil

Satellite centers - Nil

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research,

Major equipment inputs for research

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	**DNB?** **Exam Centre** **Enrichment Courses**	**DNB – Sanction?** **Problem Based Learning**	**GIVE DEMO IN Preconference** **Workshop**	**Increase Seats To 250**	**New Paramedical**
TLE	**All Teaching Ppt**	**Use Net For**	**Live Lectures Relay**	**TTrain For Mcq,**	**Student And**

	Student Centric , Train For Viva-Voce, Faculty Development Activities All faculties avail membership of national professional association **Increase quality and quantity results**	**Teaching Cpa Card Intensify, Atted Cinferenc e With Paper All Faculty Weekly Scienctifi c Club Condict 2- Worksho ps Complete annual review Increase quality and quantity o results**	**Student Projects ,Tutorials,Grou p Discussion. Hands On Expirience, Pbl,Enrichment, Prove Improve Teacher Quality By Advance Skills Atted Cinference With Paper All Faculty Conduct- National Conference Condict2- Workshops Complete annual review Increase quality and quantity o results**	**PPbl,Enrichment, Prove** **IImprove Teacher Quality By Advance Skills** **CCondict 2- Workshops Iincrease quality and quantity o results**	**Faculty Exchange** **Atted Cinferenc e With Paper All Faculty Condict 2- Worksho ps Faculty Developm ent Activitie Increase quality and quantity o results**
inistration	**Four Coodinators** **Committees Of IQAC**	**Internalis e** **IQAC ,Develop IQAR,PP D**	**Internalise** **IQAC ,Develop IQAR,PPD**		
arch/Exte nsion	**Complete Annual Review Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review Present Papers At National Conferen ce Of Faculty Research Topics Publish**	**Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review Present Papers At National Conferen ce Of Faculty Research Topics Publish Articles**

		Articles In College Journal			**In College Journal**
Infrastructures	**Improve library quality 55-points** **Improve LABOROTARIES** **GET EQUIPMENTS** **Get advanced research equipments** **Maintain and strengthen ICT –facilities and utilisation**	**Improve library quality 55-points** **Upgrade Laborotaries** **Cllibration of equipments** **TRAIN IN advanced research equipments**	**Improve library quality 55-points** **Maintain and assess space for ug , pg, paramedical students and faculties** **Cllibration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT –facilities and utilisation**	**Improve library quality 55-p Cllibration of equipments oints** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-points** **Cllibration of equipments** **Maintain and strengthen ICT – facilities and utilization** **Add on teaching aids**
Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education ,service and research**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence in**	
Collaborations/ Linkages	**Get international linkage-for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with ngo for services and to procure research grants**	**Participate in national health services schemes**	

MICROBIOLOGY

Evaluative report of the department of MICROBIOLOGY

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr. Sangeetha.S.	F	Professor & HOD	M.B.B.S, M.D.	Y	KARNATAKA	-	-
Dr. Suresh.D.G.	M	Professor	M.B.B.S, D. Bact, M.D.	Y	KARNATAKA	-	-
Dr.K.C. Rathish	M	Professor	M.B.B.S, , M.D.	Y	KARNATAKA	-	-
Dr. Ragini.R	F	Associate Professor	M.B.B.S, , M.D.	Y	KARNATAKA	-	-
Dr. Kiran.T.S	M	Asst. Professor	M.B.B.S, , M.D.	N	KARNATAKA	-	-
Dr.Shashikala.N	F	Asst. Professor	M.B.B.S, , M.D.	N	KARNATAKA	-	-

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total UG students: 143							
Total PG students	4						
I year	2	2	2	-	-	-	-
II year	2	2	2	-	-	-	-
III year	-	-	-	-	-	-	-
Total number of repeaters: 39							
Total Interns	-						

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
2013	89	50	39			60	40

5. Learning resources of the departments - library, computers, laboratories and other resources

Dept. library, - List and books available in dept.produced during peer team visit

Computers, Available, **LCD,** Available, **Specialty specific software's-**, **Broad band, wifi,,** Available, **Models for teaching,** Available,**Teaching aids, -** Available, **Laboratories, -** Available,**Space details,--**Available,**Major equipments details,** Available-,**Other institution facilities used .And other resources**

List of major equipments

Sl.	**NAME OF EQUIPMENT**	**QTY**
1.	Fluorescent Microscope with Computer&UPS	01
2.	Refrigerator with Stabilizer	06
3.	VDRL Rotator	02
4.	ELISA – Semi-automated	01
5.	Centrifuge	04
6.	Distilled water plant	02

7.	Hot air Oven	05
8.	Autoclave	03
9.	BOD Incubator	05
10.	Laminor flow	03
11.	Physical balance	02
12.	Incubator	05
13.	Binocular Microscope	13
14.	BS Level II Laminar Air flow	02
15.	pH meter	03
16.	Serum Inspissator	02
17.	Anaerobic Apparatus	05
18.	Computer&UPS	03
19	LCD Projector	01
20.	OHP Projectors	02
21.	Student Microscopes	139
22.	Water bath	02
23.	Magnetic stirrer	01
24.	Digital balance	01
25.	Fully Automated ELISA with computer	01
26.	Student Microscopes	139

POWER POINT PRESENTATIONS

Dept of Microbiology, RRMC&H

1. **General Microbiology**

a) Introduction & History -

b) Universal Safety Precautions -

c) Bacteria - Morphology & Classification
d) Microscopy
e) Microscopy
f) Staining
g) Gram Staining
h) Acid Fast Staining
i) Growth and Physiology of Bacteria
j) Sterilization and Disinfection
k) Culture media
l) Culture Methods
m) Isolation & Identification of Bacteria
n) Mechanisms of Pathogenicity
o) Host-Parasite relationship
p) Bacterial Genetics and drug resistance
q) Bacterial Genetics-2
r) Antibiotic Sensitivity testing and mechanism of antibiotic resistance Antibiotic Table
s) Normal Flora of Body Quiz Animation
t) Waste disposal
u) Insect Vectors
v) Bad bugs slideshow

2. Immunology

a) Introduction
b) Structure & functions of Immune system
c) Immunity and its classification
d) Antigen
e) Antibody
f) Complement
g) Immune Response
h) Serological Reactions
i) Hypersensitivity reactions
j) Autoimmune diseases

k) Immunodeficiency diseases

l) Immunology of transplantation and malignancy

3. Bacteriology

a) Staphylococci Quiz

b) Streptococci Strept B Quiz

c) Pneumococci

d) Gonococci + Meningococci + Moraxella

e) Corynebacterium diphtheriae

f) E. coli, Klebsiella & Proteus

g) Salmonella Salmonella enterica quiz

h) Shigella Animation

i) Vibrio cholerae Animation Quiz

j) Pseudomonas & other non fermenters

k) Clostridia

l) Bacillus

m) Haemophilus influenzae

n) Brucella

o) Bordetella

p) Yersinia & Pasteurella

q) Mycobacterium tuberculosis

r) Mycobacterium leprae & Atypical Mycobacteria

s) Non- sporing Anaerobes

t) Spirochaete 1/2

u) Spirochaete 2/2 Borrelia burgdoeferi Quiz

v) Mycoplasma

w) Chlamydia

x) Rickettsia

y) Actinomycetes + Nocardia WebResource_Nocardia

z) Miscellaneous bacteria

4. Mycology

a) Introduction and classification

b) Laboratory Diagnosis of fungal infections
c) Superficial mycosis
d) Subcutaneous mycosis
e) Systemic mycosis
f) Opportunistic + Miscellaneous fungi

5. Parasitology

a) Introduction + Lab Diagnosis
b) Intestinal Protozoa E. histolytica Quiz, Quiz, Quiz
c) Leishmania
d) Trypanosomes Quiz
e) Malaria Quiz
f) Intestinal sporozoa & Toxoplasma
g) Cestodes Quiz
h) Trematodes Quiz
i) Intestinal Nematodes Ascariasis Quiz, Quiz
j) Tissue Nematodes Quiz

6. Virology

a) Introduction to Virology & Classification of viruses
b) General properties of Viruses
c) Virus Host Interaction
d) Lab Diagnosis of viral infections
e) Bacteriophage (Web page)
f) Herpes
g) Herpes viruses by Dr. TV Rao
h) Cytomegalo virus by Dr. TV Rao
i) Pox + Adeno
j) Picorna + Entero
k) Orthomyxo viruses
l) Paramyxoviruses
m) Arbo viruses
n) Rhabdoviruses_Rabies

o) Infectious Hepatitis viruses
p) Hepatitis B, D.
q) HIV-1/2
r) HIV Infection, tests & testing strategies
s) HIV 2/2
t) Oncogenic viruses
u) Miscellaneous viruses
v) SARS CDC fact sheet pdf for print
w) Slow virus Infections of CNS
x) Swine Flu

7. Clinical Microbiology

a) State of the art management of Blood Stream Infections & Sepsis
b) Hospital Acquired Infections
c) Hospital Infection (New)
d) Bacterial Meningitis
e) Urinary Tract Infections (UTI)
f) Lab investigations of PUO
g) Typhoid Fever
h) Skin, Soft tissue and Mucus membrane infections
i) Lab Investigations of Sexually Transmitted Diseases (STDs)
j) Lab Investigations of GIT Infections
k) Lab Investigations of Respiratory Tract Infections
l) Bone & Joint Infections
m) Wound Infections

6. Modern teaching methods practiced and use of ICT in teaching – learning

Lecture method,List of PPT, online,

Practical teaching, List of Student projects, Hands on experience, List of Seminars,

SL.NO.	DATE	ARTICLE	PRESENTER
1	12/07/2011	Correlation between biofilm production and multiple drug resistance in imipenem resistant clinical isolates of Acinetobacter baumannii. R Srinivasa Rao ,R Uma Karthika IJMM (2008) 26(4) 333-337	Mrs. Muktha
2	02/08/2011	Prevalence of virulence factors and antibiotic resistance in vancomycin resistant enterococcus faecium isolated from sewage and clinical samples in Iran .S Jahangiri M Talebi g eslami.et.al ijmm (2010) 28(4) 337-341	Dr. Kausalya
3	16/08/2011	Fungal rhinosinusitis: a two year study from a tertiary care centre in south India .Anandhi l ,Anupama , Jyothi kindo ,Shalinee Rao et. al. Journal of academy of clinical microbiologists 2010 vol 12 no.1, 9-17	Dr. Kanthishree
4	23/08/2011	Mupirocin resistance in clinical isolates of staphylococci in a tertiary care centre in south India .S K Oommen , B Appalaraju K ,Jinsha. IJMM (2010)28(4):372-379	Dr. Kausalya
5	30/08/2011	Expression and humoral immune response to hepatitis C virus using plasmid DNA construct . Ray , Broor V Vaishnav , Dar P Seth , S Broor. IJMM(2003)21(2) : 91-97	Dr. Kanthishree
6	06/09/2011	Diagnosis and follow up of genital Chlamydial infection by direct methods and by detection of serum IgG , IgA and Ig M . Fresse A S , Sueurjm Hamdad F. IJMM (2010)28(4):326-31	Dr. Kanthishree
7	13/09/2011	Seroprevalence of torch infection in bad obstetric history .D. Turbaokar M ,Mathur M Rele , IJMM(2003)21(2) 108-110	Dr. Kausalya
8	20/09/2011	Detection of H.pylori in gastric biopsy samples in patients with acid peptic disease .Mary Dias , Harshad Devarehavi , Srikanth NS Srinivasa H.	Dr. Kanthishree

		Journal of academy of clinical microbiologists, 2010 vol 12 1, 5-8	
9	19/11/2011	Hepatitis B infection: Awareness among medical, dental interns in India .Pazhaniaandi Tirounila Candin , Subhash Raj, Krishnaraj Kameshvell Chakravarthy . Annals of tropical medicine and public health 2009 .vol 2 issue2, 33-36	Dr. Kausalya
10	26/11/2011	Incidence of metallobetalactamase producing Pseudomonas aeruginosa in ICU patients .Ami Varaija , Nikhil Kulkarni , Manasi Kulkarni . Indian j med res 12 7 , April 2008,398-402	Dr. Kausalya
11	17/12/2011	Association of platelet count and serological markers of dengue infection-Importance of NS1 antigen. R.D.Kulkarni, S.S.Patil, G.S.Ajantha, et.al. IJMM 2011 29(4) 359-62	Dr. Kanthishree
12	10/1/2012	A study of Tubercular lymphadinitis. A comparision of various diagnostic modalities with special reference to tubercular pcr. IJMM2011 ;29(4):389-394	Dr. Kausalya
13	24/1/2012	Opportunistic infection in relation to anti retroviral status among AIDS patients from South India. IJMM 2011, 29(4):395-400	Dr. Kausalya
14	28/2/2012	Asymptomatic bacteriuria in antenatal women . IJMM 2002;20(2):105-106	Dr. Kausalya
15	6/3/2012	The influence of Diabetes mellitus on the spectrum of uropathogens and the antimicrobial resistance in elderly adult patient with urinary tract infection. Bonadio,Cortarelli,Morelli,TartaghE .BMC. Infectious diseases 2006	Dr. Kanthishree
16	15/5/2012	Isolation, speciation and antibiogram of clinically relevant non-diphtherial corynebacterium(diphtheroids). B.S Reddy,A.Chaudhury,U Kalawati et al. IJMM 2012,30(1):52-57	Dr. Kausalya
17	22/5/2012	Rationale of azithromycin prescribing practices for enteric fever in India. S.Rai,S.Jain,K.N Prasad,U.Ghoshal,T.N Dhole.-IJMM 2012 ,30(1):30-33	Dr. Kanthishree

18	12/6/2012	In-vitro assesment of drug resistance in Plasmodium faciparum in five states of India. Anupkumar .R.Anvekar,Bhawan Sharma,S.K Sharma et.al. IJMR:135,April2012,pp494-499	Dr. Kausalya
19	19/6/2012	Prolonged jaundice attributed to super infection of Hepatitis E virus in a case of resolving Leptospirosis. M.P Singh,M.Majunder,A.Sharma et al. IJMM vol 30, no.1, Jan-March 2012	Dr. Kanthishree
20	10/7/2012	Evaluation of different methods for diagnosis of Plasmodium falciparum.	Dr . Shalini
21	17/7/2012	The study of bacteriological agents of CSOM-aerobic culture and evaluation. R.Shyamala, P.Sreenivasulu Reddy. Journal of microbiology biotech research .2012;2(1):152-162	Dr . Shalini
22	24/7/2012	Bacterial and fungal study of 100 cases of CSOM..Dr.Harvinder Kumar, Dr.Sonia Seth. Journal of clinical and diagnostic research . 2011 November (supp-1) vol-5(6),1224-1227	Dr . Shalini
23	14/8/2012	6 abstracts presented for the desertation discussion-1)a comparative study of blood smear,qbc,antigen detection for diagnosis of malaria 2) usefulness of quantitative buffy coat,blood parasite detection system n diagnosis of malaria. 3)evaluation of blood smear,qbc,rapid diagnostic test in diagnosis of malaria 4)comparative study of pbs,qbc,antigen detection in malarial diagnosis 5)correlation of qbc,pbs,antigen detection in malarial infection 6)comparative study of pbs,qbc,modified centrifugal blood smear in malarial diagnosis	Dr . Shalini
24	14/9/2012	comparison of parsite lactate dehydrogenase based immunochromatographic antigen detection assay (optimal) with microscopy for detection of malaria parasites n chayani, b das, m sur, s bajora	Dr . Shalini

		ijmm(2004)22(2)104-106	
25	21/9/2012	cutaneous leishmaniasis cased by leishmania tropica in bikaner, india. parasite identification and charactrization using moducular and immunologic tools am j trop med hyg 76(5), 2007, 896-901 rajesh kumar, et al	DR. KAUSALYA
26	28/9/2012	comparative study of adherence of oral candida albicans isolates from hiv seropositive individuals to human buccal epithelial cells. ijpm 53(3) july-sept 2010 k.veerabhadra, et al	DR. KANTHISHREE
27	5/10/2012	seropositivty of toxoplasmosis in antenatal women with bad obstetric history in a testiary care hopital of andhra pradesh india. j health populn nutr 2012 mar 30(1): 87-92 munmum das sarkar, et al	DR. KAUSALYA
28	12/10/2012	cryptococceal meningtis in pediatru sytemic lupus erythematosus mycoses vol 46, issue 3-4, page 153-156	DR. KANTHISHREE
29	19/10/2012	hla typing – a comparsion of serology and dna technique int j hum genet,4(2);151-153(2004)	DR. SHALINI
30	2/11/2012	b cell subsets in healthy children referance value for evaluation of b cell maturation process in peripheral blood cytometry part b (clinical cytometry) 78b: 372-381, 2010 barabara piatora, beata wolska kusneierz, malgonzata pac et al	DR. SHALINI
31	9/11/2012	high prevalence of wuchereria bancrofti infection as detected by immunochromatogrophic card testing in five districts of orrisa, india, previously considered to be non endemic patricia k foo, alessandro tarozz: aprajit mahajan et al	DR. KAUSALYA
32	16/11/2012	rhino orbito cerebral infrection due to rhizopus in a diabetic patient v.p baradkar et al annals of tropical medicine and public	

		health 2010	
33	28/11/12	enhancement of killing efficiency of nk cells by adding interferon and monoclonal antibodies	DR. HARSHIKA
34	4/1/13	Prevalence of Cryptosporidium in HIV seropositive individuals and detection of Cryptosporidium parvum oocysts by modified ZN staining, Giemsa staining and Sheather sugar flotation in tertiary care hospital. JPBHS.	Dr Kanthishree
35	11/1/13	Prevalence of Vancomycin resistant enterococci in tertiary care hospital, Western India. International journal of microbiology research. Modi GB, et al.,	Dr Kausalya
36	1/2/13	Interleukin 23 and th17 cells in the control of gut inflammation hindwai publishing corporation, mediators of inflammation vol:2009, Iran Monteleone	Dr Harshika
37	8/2/13	Comparitive field of different respiratory samples for diagnosis of Pneumocystis carinii infection in HIV seropositive individuals in india. Asian j trop med. public health vol 31 no 3 sept 2000 Bijay, Rajan ,Mirdha et al.,	Dr Kanthishree
38	15/2/13	MDR Tuberculosis, challenges and solutions . J of academy of clinical microbiologists 2011 vol 13 no2 77-82 Baijayanthi Mishra	Dr Kausalya
39	22/2/13	A rare case of Histoplasma fungemia in an AIDS patient. IJMM vol 29 no 2 jan 20, 2011 VP Bandkar, U Tendulkar et al.,	Dr Shalini
40	28/2/13	Biological warfare. Journal pharm bio all sci 2010; 3:178-188 Duraipandian , Thavaselvam et al	Dr Shalini
41	8/3/13	Global burden of aflatoxin induced hcc-a risk assessment environmental health perspectives; vol 118:818-824(2010) yan liv and felica wu et al.,	Dr Harshika

42	15/3/13	Culture seminar on Staphylococcus aureus	Dr Kanthishree
43	12/4/13	Gram's stain	Dr. Kausalya

Quiz, ,Debate, Essay writing,CE, Field visits,Literature review wall magazinesList of Dissertation,- Available please seePG dissrt.docx **attached, List of Tutorials, PBL, Available – List of Case Based Learning, List of Audio and Video CDs, Self-directed learning, Home assignmentsSkills quota,**

CPA cards, PG log book – Available

Refer –Fact Data Sheet-14. Enrichment courses

Refer –Fact Data Sheet-16. List of on-going projects

Refer –Fact Data Sheet-18. List of problem based learning

Refer –Fact Data Sheet-22. Dissertation Topic

Refer –Fact Data Sheet-23. Tutorials

Refer –Fact Data Sheet-24. Students Projects

Refer –Fact Data Sheet-25: Specialty clinics

Feed s collected, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship

II, IV, V term batches are divided into 5 groups.

Each group is allotted with one teacher, list is enclosed.

TABLE TEACHING & MENTORSHIP FORDEMONSTRATION, MICRO TEACHING, RECORD CORRECTION & PRACTICAL VIVA

1.

Day/ Date	Time	Term	Roll No.	Staff	Time	Term	Roll No.	Practical's / Tutorials	Staff
Monday	**2:30 -4pm**	**III 'A' batch**	**01-06**	**Dr.DGS (six)**					
			07-12	**Dr.KCR (six)**					
			13-18	**Dr.RR (six)**					
			19-23	**Dr.TSK (five)**					
			24-28	**Dr.NS (five)**					

Tuesday	**2:30-4pm**	**III 'B' batch**	**29-34**	**Dr.DGS (six)**					
			35-40	**Dr. KCR (six)**					
			41-46	**Dr.RR (six)**					
			47-52	**Dr.TSK (six)**					
			53-56	**Dr.NS (four)**					
Thursday	**2:30-4pm**	**IV 'A' batch**	**01-07**	**Dr.DGS**					
			08-14	**Dr.KCR**					
			15-21	**Dr.RR**					
			22-28	**Dr.TSK**					
			29-35	**Dr.NS**					
Friday	**2:30-4pm**	**IV 'B' batch**	**36-41**	**Dr.DGS**	**3-4pm**	**III Term**	**01-11**		**Dr.S S**
			42-47	**Dr.KCR**			**12-22**		
			48-53	**Dr.RR**			**23-34**		
			54-59	**Dr.TSK**			**35-44**		
			60-65	**Dr.NS**			**45-50**		
							50-56		

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

List of PG seminars

Sl. No.	Date	Topic	Presenter
1	16/07/2011	History of microbiology – part 1	Dr. Kanthishree
2	23/07/2011	History of microbiology – part 2	Dr.kausalya

3	06/08/2011	Introduction to microscope	Dr.kausalya
4	13/08/2011	Dark ground and flourescent microscope	Dr. Kanthishree
5	20/08/2011	Phase contrast, electron and inverted microscope	Dr.kausalya
6	27/08/2011	Sterilisation and disinfection part 1	Dr.kausalya
7	24/09/2011	Synopsis presentation - comparative study between rapid immunochromatographic method and elisa for ns1, igm,ig g detection in clinically suspected cases of dengue infection	Dr. Kanthishree
8	24/09/2011	Synopsis presentation – detection of carbapenamase and metallobetalactamase in clinical isolates of pseudomonas aeuruginosa in rrmch	Dr.kausalya
9	01/10/2011	Sterilisation and disinfection part 2	Dr.kausalya
10	04/10/2011	Morphology of bacteria	Dr. Kanthishree
11	08/10/2011	Culture media	Dr.kausalya
12	11/10/2011	Identification of bacteria	Dr. Kanthishree
13	15/10/2011	Bacterial infections	Dr.kausalya
14	18/10/2011	Immunity and its applications	Dr. Kanthishree
15	22/10/2011	Culture methods	Dr.kausalya
16	29/10/2011	Antibodies	Dr. Kanthishree
17	05/11/2011	Bacterial taxonomy	Dr.kausalya
18	12/11/2011	Presentation and submission of synopsis to university	Dr. Kanthishree
19	3/12/2011	Antigen-antibody reaction-i	Dr. Kausalya
20	13/12/2011	Antigen-antibody reaction-ii	Dr. Kanthishree
21	20/12/2011	Hypersensitivity-i	Dr. Kausalya
22	3/1/2012	Hypersensitivity-ii	Dr. Kanthishree
23	17/1/2012	Staphylococcus	Dr.kausalya
24	31/1/2012	Immunohaematology	Dr.kausalya
25	21/2/2012	Morphology of bacteria	Dr.kanthishree`
26	20/3/2012	Culture media-1	Drkausalya
27	27/3/2012	Culture media-2	Drkausalya
28	17/4/2012	Bacterial genetics	Drkanthishree
29	8/5/2012	Antimicrobial drugs	Drkanthishree
30	29/5/2012	Monoclonal antibodies-production'properties and uses	Drkausalya
31	5/6/2012	Pcr and its applications in microbiology	Drkanthishree
32	26/6/2012	Recombinant technology	Drkausalya
33	3/7/2012	Antigens,haptens	Dr.kanthishree
34	7/8/2012	Culture media	Drshalini
35	21/8/2012	Malaria-1	Drshalini
36	28/8/2012	Malaria-2	Drshalini
37	11/9/2012	Vaccines for arthropod borne infections	Dr kausalya
38	25/9/2012	Blood stream infections	Dr kanthishree

39	16/10/2012	Prophylaxis of poliomyelitis	Dr kausalya
40	30/10/2012	Prophylaxis of enteric fever	Dr kanthishree
41	6/11/2012	Oncogenic virus	Dr kausalya
42	27/11/2012	Streptococcus pyogenes	Dr kanthishree
43	4/12/2012	Mrsa	Dr shalini
44	11/12/2012	Quality control in microbiology lab	Dr kausalya
45	18/12/2012	Dermatophytes	Dr harshika
46	1/1/2013	Streptococcus pneumoniae	Dr shalini
47	15/1/2013	Antifungal drug and suseptability testing	Dr harshika
48	5/2/2013	Principle and mechanism of antibiotic resistance and laboratory diagnosis of antibiotic sensitivity	Dr kausalya
49	12/2/2013	Neissaria meningitidis	Dr shalini
50	19/2/2013	Lab diagnosis of fungal diseases	Dr harshika
51	26/2/2013	Rhabdovirus	Dr kanthishree
52	12/3/2013	Neisseria gonorrhoea	Dr shalini
53	19/3/2013	Corynebacterium diphtheriae	Dr harshika
54	9/4/13	Bacillus anthracis	Dr harshika
55	16/4/13	Adenovirus	Dr kausalya

Conferences Conducted: 1. State level conference of Indian Association of Medical Microbiologist (Karnataka Chapter), Theme: Update on Tuberculosis on 27/02/2010.

Conferences attended,

05/02/2013	SYMPHOSIUM	VACCINES FOR INDIA INNOVATIONS & ROADMAP	ST.JHON'S BANGALORE	DR.GANGULY	DR.SANGEETHA .S (PROF.& HOD) DR.HARSHIKA
16/02/2013	CME	"HOW TO WRITE A RESEARCH PAPER"	ST.JHON'S BANGALORE	DR.SUBASH CHANDRA PARIJA, DR.ARAVIND KASTURI.	DR.SANGEETHA .S. DR.RAGINI DR.KAUSALYA DR.KANTHISHREE DR.SHALINI DR.HARSHIKA
23RD& 24/02/2013	CME & CONFERENCE	HEALTH CARE ASSOCIATED INFECTION CLEAN, CARE, CONTROL.	KASTURABHA MEDICAL COLLEGE MANGALORE.	--DR LALITHA	DR.SANGEETHA .S (HOD) DR.SHALINI (PG) DR.HARSHIKA(PG)
02/03/2013	CME	"PHEOCHROMOCYTOMA"	RRMCH	DR.RAJARAM	DR.SANGEETHA DR.RATHISH DR.KAUSALYA DR.KANTHISHREE DR.HARSHIKA DR.SHALINI
09/02/2013	CME	CURRENT CHALLENGES IN CLINICAL MICROBIOLOGY	KASTURABHA MEDICAL COLLEGE, MANIPAL.	--	DR.KAUSALYA, DR.KANTHISHREE.
3/5/2013	CME	NEWER VACCINES	RRMCH	DR C PUTTARAJU , DR SUBRAMANYA	DR SANGEETHA (PROF & HEAD) DR SHASHIKALA (ASST P DR KAUSALYA DR KANTHISHREE DR SHALINI DR HARSHIKA

Deputed to other country,NA

9.**Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Membership of teachers in University bodies: Dr. K.C. Rathish – Member of PG board of studies, RGUHS.

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2

Satellite centers

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,-

Major equipment inputs for research

Sl.	NAME OF EQUIPMENT	QTY
1.	Fluorescent Microscope with Computer&UPS	01
2.	Refrigerator with Stabilizer	06
3.	VDRL Rotator	02
4.	ELISA – Semi-automated	01

5.	Centrifuge	04
6.	Distilled water plant	02
7.	Hot air Oven	05
8.	Autoclave	03
9.	BOD Incubator	05
10.	Laminor flow	03
11.	Physical balance	02
12.	Incubator	05
13.	Binocular Microscope	13
14.	BS Level II Laminar Air flow	02
15.	pH meter	03
16.	Serum Inspissator	02
17.	Anaerobic Apparatus	05
18.	Computer&UPS	03
19	LCD Projector	01
20.	OHP Projectors	02
21.	Student Microscopes	139
22.	Water bath	02
23.	Magnetic stirrer	01
24.	Digital balance	01
25.	Fully Automated ELISA with computer	01
26.	Student Microscopes	139

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	**PhD Exam Centre Enrichment Courses**	**PhD – Sanction Problem Based Learning**	**GIVE DEMO IN Preconference Workshop**	**Increase Seats To 250**	**New Paramedical**
TLE	**All Teaching Ppt** **Student Centric,** **Train For** **Viva-Voce,** **Faculty Development Activities** **All faculties avail membership of national professional association** Increase quality and quantity of results	**Use Net For Teaching** **CPA Card Intensify,** **Attend Conference With Paper All Faculty** **Weekly Scientific Club** **Conduct 2-Workshops** **Complete annual review** Increase quality and quantity of results	**Live Lectures Relay** **Student Projects, Tutorials, Group** **Discussion. Hands On Experience,** **Pbl,Enrichment,Prove** **Improve Teacher Quality By Advance Skills** **Attend Conference With Paper All Faculty** **Conduct-National Conference** **Conduct2-Workshops** **Complete annual review** Increase quality and quantity of results	**Train For MCQ,** **PBL, Enrichment, Prove** **Improve Teacher Quality By Advance Skills** **Conduct 2-Workshops** Increase quality and quantity of results	**Student And Faculty Exchange** **Attend Conference With Paper All Faculty** **Conduct 2-Workshops** **Faculty Development Activity** Increase quality and quantity of results
Administration	**Four Coordinators** **Committees**	**Internalise** **IQAC ,Develop**	**Internalise** **IQAC, ,Develop,IQAR,PPD**		

	Of IQAC	**IQAR,PPD**			
Research/Extension	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**
Infrastructures	**Improve library quality 55-points** **Improve LABOROTARIES** **GET EQUIPMENTS** **Get advanced research equipments** **Maintain and strengthen ICT –facilities and utilisation**	**Improve library quality 55-points** **Upgrade Laboratories** **Calibration of equipments** **TRAIN IN advanced research equipments**	**Improve library quality 55-points** **Maintain and assess space for ug , pg, paramedical students and faculties** **Calibration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT –facilities and utilisation**	**Improve library quality 55-p Calibration of equipments oints** **Maintain and strengthen ICT –facilities and utilisation**	**Improve library quality 55-points** **Calibration of equipments** **Maintain and strengthen ICT –facilities and utilization** **Add on teaching aids**

Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education, service and research**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence in**	
Collaborations/ ***Linkages***	**Get international linkage-for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with NGO for services and to procure research grants**	**Participate in national health services schemes**	

	Tolal PG Suudents

FMT

EVALUATIVE REPORT OF THE DEPARTMENT OF FORENSIC MEDICINE

1. Faculty profile-adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
1.Dr.Chandrashekaraiah .C	Male	Prof&HOD	MBBS,MD,(FM)	Y	Karnataka	FT	
2.Dr.Pradeep kumar.MV	Male	Asso Prof	MBBS,MD,(FM)	Y	Karnataka	FT	
3.Dr.RaviKumar.R	Male	Assi Prof	MBBS,MD,(FM)	N	Karnataka	FT	

2. Student Profile-entry level competencies, socioeconomic status, language Proficiency etc.

III TERM	**Name Total UG students**				
Male(30)	**SS**	**OS**	**OC**	**NRI**	**DA**
Female(28)	**SS**	**OS**	**OC**	**NRI**	**DA**

	Name Total UG students				
Male(29)	**SS**	**OS**	**OC**	**NRI**	**DA**

V TERM	**Name Total UG students**				
Male(9)	**SS**	**OS**	**OC**	**NRI**	**DA**

Male(1)	SS	OS	OC	NRI	DA
Dr.Jagadeesh.N.H	SS	--			
Female(4)	**SS**	**OS**	**OC**	**NRI**	**DA**
Dr.Geraldine sanjay	SS	--			
Dr.L.T kalai selvi	--	OS			
Dr.Punitha.R	SS	--			
Dr.Geetha priya.P	SS	--			

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

Theory –Internal Assailment marks-Before 2010 batch Max Marks was 30. 2010 and onwards batches the Marks increased to 20

Practicals - Internal Assailment marks-Before 2010 batch Max Marks was 10. 2010 and onwards batches the Marks increased to 20

List of problem based learning- at least two in your subject -Post mortem interval, identification of the dead body, fire arm injuries, hanging &strangulation, Anesthetic deaths, Rape &Murder, Infant deaths, examination of alcoholic Drug addicts and Antisocial elements

List of enrichment courses- at least two in your subject –

Diploma in forensic technician (DFT)

Certificate course in mortuary attender

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. **Trends in the success and dropout rates of students during the past two years Result data of last 5 year annual regular exams to be given-Prepared**
5. **Learning resources of the departments - library, computers, laboratories and other resources**

Learning resources of the department

Department library: present with adequate space for the readers to sit and read. The library is furnished with tables and chairs and has a total number of 209 books. -Dept. library, - List and books available in dept.produced during peer team visit

Computers: two in number equiped with one laser printer.

speciality specific software: nil

Broad band, wi fi: present.

Teaching aids: lcd projector, ohp projector, television, vcd player, white board, black board.

laboratories: present equiped with glass wares, staining chemicals, and other equipments meeting the requirements of mci.

Space details:

I) Demonstration room: Number – Two.

II) Accomodation:Size – 90 sq mts, Capacity – 100 students

III) Museum - Size – 175 sq mts

IV) Mortuary block: Distance from the department: 100 mts, Size – 416.44 sq mts

V) Laboratory: Size – 375 sq mts.

VI) Research Laboratory:Size – 50 sq mts

VII) Professor and HOD room – 20 sq mts

VIII) Associate professor – 15 sq mts

IX) Assistant professor – 15 sq mts

X) Tutors / Demonstrators – 15 sq mts

XI) Non teaching and clerical staff – 12 +12 sq mts

Major equipment details:

1	Steel autopsy table up and down movement and with running water	01
2	Autopsy table with granite top and running water	02
3	Styker electric autopsy saw	01
4	Electronic weighing scale (body weighing)	01

5	Electronic weighing scale (organ weighing)	01
6	Dead body cold storage having six cabinets	01
7	Refrigerator	01
8	OT focusing light	01
9	Fixed focusing light	02
10	Embalming apparatus	01
11	Steel measuring tape	01
12	Hand held lens (10cm)	03
13	Digital Camera	01
14	Hand Lens (15 cm)	02
15	Post mortem set	04
16	Manual hand Saw	02
17	Dissecting forceps size - 645	04
18	Dissecting forceps size - 640	04
19	Curved dissecting scissors curved size 6	04
20	Curved dissecting scissors straight size 6	04
21	Scissors size - 4	04
22	Pointed scissors	04
23	Artery forceps	04
24	Suction apparatus	01
25	Scissors (both pointed) (7.5”)	04
26	Straight artery forceps (6”)	04
27	Curved artery forceps (6”)	04
28	Small scissors	04
29 30 31	Bone Cutter Flexible arm magnifier Autopsy Knife	02 01 03
32	Hack saw	02
33	Cartilage knife	02

34	Kidney tray	02
35	Lithotomy table	01
36	Surgical tray	02
37	Video Camera	01

Other Institution Facilities Used: Central Laboratory, Laundary, Pathology Laboratory, Microbiology Laboratory, Bio Chemistry Laboratory, Radiology.

6. Moderen teaching methods practiced and use of ict (information communication technology) in teaching – learning

Lecture method: lcd projection (ppt presentation), ohp projection, use of black

White board based on the requirement and need of the specific class.

List of ppt, online: present - pertaining to the topics in forensic medicine.

Practical teaching: demonstration class by lcd / white / black board, depending on the class requirement. The students will be provided with x ray view box to view and read the x rays pertaining to a case of age estimation or they will be provided with bones to examine and opine or they will be aquitted with the museum specimens.

List of student projects: five

Hands on experience: postgraduate students will be guided in dissecting the dead bodies, do routine lab tests like blood grouping, animal / human blood, animal / human hair, fiber detection, staining procedures, alcohol estimation, use of anthropometry and assessing the various parameters of particular bone, prepreration

of charts, slides and presentaion for seminars / conferences.

QUIZ: the undergraduate students were sent for the past three years to participate in the national forensic quiz competition held at manipal every year.

Continued education programme: conducted cme programme on 30/3/2012, which was attended by the postgraduate students and faculty of state and out of state.

Field visits: regular visits to the scene of occurance of crime by the faculty accompanied by the postgraduate students to help the investigating officer. Also the department is engaged in handling the exhumation cases.

LITRATURE REVIEW WALL MAGAZINES: NIL

LIST OF DISSERTATION:

1. Postmortem study of neck injuries in hanging cases at RRMC & H, Blore
2. A study of pattern of injuries produced by sharp weapon in Homicidal deaths subjected for autopsy
3. An autopsy study of head injury cases with special reference to intracranial hemorrhages.
4. Means of identifying a dead individual – an autopsy based study done at RRMC & H.
5. A study of homicidal asphyxia deaths autopsied at RRMC & H.

List of tutorials:

Last week of every month tutorials will be conducted for each term.

Pbl: time since death, identification of the dead, hanging and strangulation, examination of a victim of rape, examination of the accused of rape.

List of case based learning:

Examination of a victim of rape, examination of the accused of rape. Postmortem technique, skeletal remains examination, exhumation, age estimation.

List of audio and video cd's: eight video cds are available which are utilized by the postgraduate students to enlighten themselves with the procedures of various cases.

Self directed learning: museums which has a good number of specimens, charts, models give a good knowledge and experience to know the various aspects of a medico legal case. The vcd's and departmental library enlight the students with the current aspects of medico legal quiries that arise in medicine.

Home assignments: will be given to the undergraduate, third week of every month.

Skill quota: dissection of dead bodies makes the postgraduate students to have a first hand knowledge about the anatomy and make them to understand the concepts of forensic medicine.

Cpa cards:

Pg log book: maintained by each postgraduate student individually.

7. **Participation of teachers in academic and personal counseling of students**

-Mentorship-Done

Name of faculty- Year 2012 - 13		**Students allotted**
1.	**Dr.Chandrashekaraiah.C**	**1 - 60**
2.	**Dr.Pradeepkumar.MV**	**61-120**
3.	**Dr.Ravikumar.R**	**120-180**
Minutes and meeting book		**Maintained**

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

9. **Participation in educational cell through journal clubs –**

1) Ramnagara district, road safety and injury prevention – Dr C.Chandrashekaraiah along with postgraduate student Dr Punitha raj.Thyroid hormonal profile in autopsy cases and its correlation with cases of neck compression – Dr Pradeep kumar M.V along with postgraduate student – Dr kalai Selvi.

2) Estimation of stature of an individual by length of clavicle- Dr Ravi kumar along with postgraduate student – Dr Geetha priya.

List of seminars:

DATE	PRESENTATION Seminar,Journal club, Case study	NAME OF PG	TOPIC	STAFF I/C
3/1/12	Journal club	Dr.Geraldine sanjay		Dr.Chandrashekaraiah.C
10/1/12	Case study	Dr.Geetha priya	Drowning	Dr.Pradeep kumar.MV
17/1/12	Seminar	Dr.Jagadeesh	PM internal	Dr.Ravi kumar
24/1/12	Journal club	Dr.Punitha		Dr.Chandrashekaraiah.C
31/1/12	Case study	Dr.Kalai selvi	Head injury	Dr.Pradeep kumar.MV
7/2/13	Seminar	Dr.Geetha priya	Post mortem changes	Dr.Ravi kumar
14/2/13	Journal club	Dr.Jagadeesh		Dr.Chandrashekaraiah.C
21/2/13	Case study	Dr.Punitha		Dr.Pradeep kumar.MV
28/2/13	Seminar	Dr.Geraldine sanjay	Analytical techniques in toxicology	Dr.Ravi kumar
7/3/13	Journal club	Dr.Kalai selvi		Dr.Chandrashekaraiah.C
14/3/13	Case study	Dr.Geetha priya	Exhumation-03/12	Dr.Pradeep kumar.MV
21/3/13	Seminar	Dr.Jagadeesh	Ballistics	Dr.Ravi kumar
28/3/13	Journal club	Dr.punitha		Dr.Chandrashekaraiah.C
4/4/13	Case study	Dr.Geraldine sanjay	R.T.A ;496/12	Dr.Pradeep kumar.MV
12/4/13	Seminar	Dr.Kalai selvi	Anatomy of neck structures & its forensic importance	Dr.Ravi kumar
18/4/13	Journal club	Dr.Geetha priya		Dr.Chandrashekaraiah.C
25/4/13	Case study	Dr.Jagadeesh	Hanging case ;531/12	Dr.Pradeep kumar.MV
2/5/13	Seminar	Dr.Punitha	Forensic cytology	Dr.Ravi kumar
9/5/13	Journal club	Dr.Geraldine sanjay		Dr.Chandrashekaraiah.C
16/5/13	Case study	Dr.Kalai selvi	Expert opinion;02/12	Dr.Pradeep kumar.MV

23/5/13	Seminar	Dr.Geetha priya	Sudden death related with CVS	Dr.Ravi kumar
30/5/13	Journal club	Dr.Jagadeesh		Dr.Chandrashekaraiah.C
6/6/13	Case study	Dr.Punitha	Strangulation case ;494/12	Dr.Pradeep kumar.MV
13/6/13	Seminar	Dr.Garaldine sanjay	Civil & criminal responsibilities of an insane	Dr.Ravi kumar
20/6/13	Journal club	Dr.Kalai selvi		Dr.Chandrashekaraiah.C
27/6/13	Case study	Dr.Geetha priya	Burns case 532/12	Dr.Pradeep kumar.MV

Conferences Conducted - continued education programme: conducted cme programme on 30/3/2012, which was attended by the postgraduate students and faculty of state and out of state.

Conferences attended, -

Dr.Chandrashekaraiah.C
Dr.Pradeepkumar.MV
Dr.Ravikumar.R

10. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Professional association, activities, -

Dr.Chandrashekaraiah.C – Life member of Karnataka Medico legal Society, Life member of IMA,
Dr.Pradeepkumar.MV - Life member of Karnataka Medico legal Society, Life member of IMA, Life member of South India Medico Legal Association.
Dr.Ravikumar.R - Life member of IMA

Continued Education (CE)- CONTINUED EDUCATION PROGRAMME: CONDUCTED CME PROGRAMME ON 30/3/2012, WHICH WAS ATTENDED

BY THE POSTGRADUATE STUDENTS AND FACULTY OF STATE AND OUT OF STATE.

Consultancy Services Provided expert opinion, Dead body preservation

Revenue Earned embalming post mortem certificate

11. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years –** Central Forensic Science laboratory, Department of pathology, Microbiology, ophthalmology and Radiology of our institution.

Linkages-and MOU at least 2: NOT APPLICABLE

Satellite centers

12. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

13. **Placement record of the past students and the contribution of the department to aid student placements**

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

14. **Plan of action of the department for the next five years**

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	**DNB course,** Toxicological Assistance Center, **Enrichment Courses -** Diploma in forensic technician (DFT) Certificate course in mortuary attender	**DNB – Sanction? Problem Based Learning**	**GIVE DEMO IN Preconference Workshop**	**Increase Seats To 250** -	**New Paramedical** --
TLE	**All Teaching Ppt Student Centric-PRESENT-PERTAINING TO THE TOPICS IN FORENSIC MEDICINE,** **Train For** **Viva-Voce, Faculty Development Activities-POSTGRADUATE STUDENTS WILL BE GUIDEDINDISSECTINGTHEDEADBODIES, DO ROUTINELAB TESTSLIKE BLOOD GROUPING, ANIMAL /HUMANBLOOD, ANIMAL/HUMA**	**Use Net For Teaching** **Cpa Card Intensify,** **Atted Cinference With Paper All Faculty** **Weekly Scienctific Club** **Conduct 2-Workshops** **Complete annual review** Increase quality and	**Live Lectures Relay** **Student Projects ,Tutorials, Group Discussion. Hands On Expirience,** **Pbl,Enrichment, Prove** **Improve Teacher Quality By Advance Skills** **Atted Conference With Paper All Faculty** **Conduct-National Conference** **Condict2-Workshops** **Complete annual review** Increase quality and quantity o results	**TTrain For Mcq, PPbl, Enrichment, Prove** **Improve Teacher Quality By Advance Skills** **Conduct 2-Workshops**	**Student And Faculty Exchange** **Attend Conference With Paper All Faculty** **Conduct 2-Workshops** **Faculty Development Activities** Increase quality and quantity o results

	N HAIR,FIBERDETECTION,STAINGPROCEDURES,ALCOHOLESTIMATION,USE OFANTHROPOMETRY AND ASSESSING THE VARIOUS PARAMETERS OF PARTICULAR BONE, PREPRERATION OF CHARTS, SLIDES AND PRESENTAION FOR SEMINARS / CONFERENCES . *Participation in educational cell through journal clubs* /seminars. All faculties avail membership of national professional association Increase quality and quantity o results	quantity o results		Increase quality and quantity o results	
Administration	**Four Coodinators - present** **Committees Of IQAC**	**Internalise** **IQAC, Develop IQAR, PPD**	**Internalise** **IQAC,** **Develop IQAR, PPD**		

Research/ Extension	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**
Infrastructures	**Improve library quality 55-points** **Improve LABOROTARIES GET EQUIPMENTS** **Get advanced research equipments** **Maintain and strengthen ICT –facilities and utilisation**	**Improve library quality 55-points** **Upgrade LaborotariesCollaboration of equipments** **TRAIN IN advanced research equipments**	**Improve library quality 55-points** **Maintain and assess space for eg , pg, paramedical students and faculties** **Collaboration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-p Collaboration of equipments** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-points** **Collaboration of equipments** **Maintain and strengthen ICT – facilities and utilization** **Add on teaching aids**
Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education ,service and**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence in**	

		research			
Collaborations/ *Linkages*	**Get international linkage-for research, and teaching learning process**	**Linkages with villages for services**	**Linkages with NGO for services and to procure research grants**	**Participate in national health services schemes**	

COMMUNITY.MED

Evaluative report of the department of Community Medicine

1. Faculty profile - adequacy and competency of faculty

Teaching Faculty List

Sl. .	Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT
1	Dr.Shashikala Manjunatha	F	Professor & HOD	MBBS .M.D. D.I.H	Y	Karnataka	FT
2	Dr.Jayanth Kumar	M	Professor	MBBS .M.D.	Y	Karnataka	FT
3	Dr.Damayanthi M N	F	Professor	MBBS .M.D.	Y	Karnataka	FT
4	Dr.Srividya V	F	Assoc. Professor	MBBS .M.D.	N	Karnataka	FT
7	Dr.A.C.Shyam	M	Assoc. Professor/ In-charge PHC	MBBS .M.D.	N	Karnataka	FT
8	Dr.Vinod.R.K	M	Asst. Professor/ In-charge UHC	MBBS .M.D.	N	Karnataka	FT
9	Dr. Usha	F	Assoc. Professor	MBBS .M.D.	N	Karnataka	FT
10	Mr.A.H.Paramashivaiah	M	Asst. Professor/Statistician	MSc (stat)	N	Karnataka	FT
12	Dr.Sowmya.B.C	F	PG/ Tutor	MBBS .	N	Karnataka	FT
13	Dr.Kruthika.N	F	PG/ Tutor	MBBS .	N	Karnataka	FT
14	Dr.Sandeep.H	F	PG/ Tutor	MBBS .	N	Karnataka	FT
15	Dr.Sharada.R	F	PG/ Tutor	MBBS .	N	Karnataka	FT
16	Dr.Kanchana Ganga.H.K	F	PG/ Tutor	MBBS .	N	Karnataka	FT
17	Dr.Kaushik.K.N	F	PG/ Tutor	MBBS .	N	Karnataka	FT

18	Dr.Vidya.B	F	PG/ Tutor	MBBS.	N	Karnataka	FT

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students							
Total PG students	**02**	**05**					
I year	**02**	**04**					
II year		**01**					
III year							
Total number of repeaters							
Total Interns							

Enrolment	YEAR	UG			PG			Diploma / Certificate		
		M	F	T	M	F	T	M	F	T
Number of students from the same state where the institution is located	2007-08	15	28	43	-	-	-			
	2008-09	14	29	43	-	-	-			
	2009--10	29	41	70	-	-	-			
	2010--11	26	52	78	-	-	-			
	2011-12	26	50	76	06	11	17			
	2012-13	29	44	73	10	20	30			
Number of students from other states	2007-08	27	30	57	-	-	-			
	2008-09	33	24	57	-	-	-			
	2009--10	16	14	30	-	-	-			
	2010--11	13	09	22	-	-	-			
	2011-12	36	34	70	10	05	15			
	2012-13	28	46	74	23	11	34			
Number of NRI	2007-08	-	-	-						

students	2008-09	-	-	-	-	-	-			
	2009--10	-	-	-	-	-	-			
	2010--11	-	-	-	-	-	-			
	2011-12	-	03	03	02	-	02			
	2012-13	03	-	03	-	-	-			
Number of overseas students	2007-08	-	-	-	-	-	-			
	2008-09	-	-	-	-	-	-			
	2009--10	-	-	-	-	-	-			
	2010—11	-	01	01	-	-	-			
	2011-12	-	-	-	-	-	-			
	2012-13	-	-	-	-	-	-			

5.	Examination Results (past five years)														
	UG					PG					M. Phil				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
2006-07															
% of passes	54	-	-	-	-										
Number of first classes	27	-	-	-	-			**Not Applicable**							
Number of distinctions	01	-	-	-	-										
Rank if any	Nil	-	-	-	-										
2007-08															
% of passes	48	-	-	-	-										
Number of first classes	19	-	-	-	-			**Not Applicable**							
Number of distinctions	01	-	-	-	-										
Rank if any	Nil	-	-	-	-										
2008 – 09															
% of passes	39	81	-	-	-										
Number of first classes	19	17	-	-	-			**Not Applicable**							
Number of distinctions	02	-	-	-	-										
Rank if any	-	-	-	-	-										
2009 - 10															
% of passes	34	69	78												
Number of first classes	19	24	08					**Not Applicable**							

Number of distinctions	01	01	-												
Rank if any	-	-	-												
2010-11															
% of passes		53	73	84											
Number of first classes		13	27	12				**Not Applicable**							
Number of distinctions		01	-	-											
Rank if any	-	-	-	-											
2011 - 12															
% of passes	44	92	83	67											
Number of first classes	32	20	28	08				**Not Applicable**							
Number of distinctions	03	02	-	-											
Rank if any	-	-	-	-											
2012-13															
% of passes	33	56	80	80											
Number of first classes	30	31	24	14				**Not Applicable**							
Number of distinctions	10	02	08	-											
Rank if any															

6.	Are there any overseas students?	Yes	✓	No	
	If yes, how many?		04		
7.	How many students have pursued post-graduation, qualified the DNB during the last five years?	Yes	**12**		

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

IN THE CURRENT SYLABUS

Contents –topics Added To Theory: **Emerging & Re-emerging Infectious Diseases**

Contents-topics Deleted in Theory

Contents-topic Added To practical: **Problem based Learning**

Contents-topics Deleted In practical

Total marks and change in pattern of examination in both theory and practical. **As per RGUHS norms**

List of problem based learning- at least two in your subject: **Fact Data Sheet – 18**.

List of enrichment courses- at least two in your subject: **Fact Data Sheet – 14**

Certificate courses- at least two in your subject: **Fact Data Sheet – 11**.

One interaction of students with your subject counterpart in community-details: **Family Study, in the Community.**

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given (to be obtained from RRMCH Office)

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail

OBJECTIVES ACHIEVED

- Total 183 students passed MBBS exam,
- 582 students pursuing studies,
- 582 in MBBS, 98 in PG degree,
- 88 students under going internship training.
- 2441269 thousand patients have utilized different modalities of treatment.
- Presented more than 15 papers on sensitive academic matters.
- Institution, through 154 Medical camps has established good community relationships involving GO'S and NGO'S.
  -approved center for clinical research with--
  -University from India.

5. Learning resources of the departments - library, computers, laboratories and other resources: **The following details are compiled in**

-Dept. library

SL. NO	AC NO.	Author	Name of the Book	Edition / Year	Publisher	Cost of Book
01	365	HMCM	Hospital Planning & Administration	I / 1995	Jay Pee Brothers	80
02	1543	Lal Garg	An Introduction to Research Methodology	I / 02	RBSA	650

03	1736	Dr. Ramesh Chandra	Management Information System	I / 02	Kalpaz Publication	790
04	1247	Ram Mohan	Encyclopedia of Social Problem in Developing Countries – Vol.2	I /03	Sarup & sons	3200
05	1477	GRC	Encyclopedia of Environmental Air pollution – Vol.1	2003 (reprint)	Anmol Publication	5000
06	1514	GRC	Encyclopedia of Environmental Water pollution – Vol.1	2003 (reprint)	Anmol Publication	4500
07	1497	RNM	Dimensions of Population growth	I / 03	Anmol Publication	400
08	1666	KDN	Ecology of polluted Water & Toxicology	I / 03	ADB publication	650
09	1393	KBB	Text book of ENT Disease	VI / 02	Usha Publication	250
10	612	CKJ Paniker	Text book of Microbiology	VI / 02	J Paniker & Oriented	375
11	1776	DN Das Guptha	Communication & Education	I / 02	Pointer Publication	495
12	1672	V Kumar	Problem & Prospectives on Social Work & Social Welfare	I / 02	ADB Publishers	500
13	1788	Rashmi	Community Rural Development Strategies & Alternatives	2003	Rawet	495
14	1777	R K Singh	Quality Education	2003	Abihijeet	400
15	1373	Dr. V Rama Murthi	AIDS & Human Survival	2002	Author Publication	400
16	1240	N Guptha	Health & Mental Hygiene of the Child	2003	ADB Publication	395
17	1229	MLN	Human Resource Management	2003	Discovery Publishers	300
18	1276	PKM	Statistics – a tool for social Science	2002	Rawat Publication	795
19	1760	CS Dawn	Text book of Gynecology & Contraception	XIII / 01	Dawn Books	340
20	1244	Anil Kumar	Epidemiology Health & Population	2002	BR publishing	900
21	348	SL Goel	Management of Hospital	2002	Deep & Deep	3500
22	738	DC Dutta	Text book of Obstetrics	V / 01	Central Publication	525
23	219	Vidya Ratan	Hand book of Preventive & Social Medicine	IX / 02	Jay Pee	125
24	481	Murali Bharadwaz	MCQs in Social preventive & medicine	2004 (reprint)	Paras	135
25	1412	Brig.	Training for leadership	2003	Manas	495

		Pramodh Sarin				
26	349	S L Goel, R Kumar	Management of Hospitals	2002	Deep & Deep	3500
27	1243	Anil Kumar	Epidemiology, Health and Population	2002	B R	900
28	1408	Meharban singh	Care of the New born	2000	Sagar	400
29	1713	Robert M Beena	Principles of Physiology	III	Moshy	3268
30	1257	Michael Swash	Hutchison's Clinical Method	XXI / 02	WB Saunders	650
31	1002	Judith Collier	Oxford Hand book of Clinical Specialty	VI / 03	Oxford Publishers	445
32	1359	UN Panda	Manual of Medical Therapeutics	II / 01	Jay Pee	650
33	331	Dr. T Basker Rao	TB of Community Medicine & Community Rehabilitation	I / 02	Paras	150
34	822	GD Thapar	Handbook of beside Medical Diagnosis	IV / 04	Elsenier	175
35	870	AK Khurana	Ophthalmology	III	New Age International	345
36	1043	Dr. KS Narayan R Reddy	Essentials of Forensic Medicine & Toxicology	XXII / 03	Om Sai Graphics	230
37	1192	UN Panda	Show cares in Medicine	III / 98	Jay Pee	100
38	1451	Dr. B Shridhar Rao	Principles of Community Medicine	III / 02	AITBS Publication	250
39	1510	VVR Seshubahi	Review in Community Medicine	II / 03	Paras	200
40	1439	M Swami Nathan	Essentials & Food & Nutrition – Vol.1	2003	Bappco	310
41	327	NB Mathur	Neonatal Priorities in developing Countries	I / 01	Paras	125
42	650	Harsh Mohan	Pathology – Quick Reviews	IV / 02	Jay Pee	695
43	1316	A Santhosh Kumar	A Manual of Pediatric Practice	I / 02	Paras Publication	275
44	91	Suraj Gupta	Recent Advance in pediatrics – Vol. 2	1992	Jay Pee	150
45	974	RS Satoskar	Pharmacology & Pharmaco therapeutics	XVIII / 03	Popular Prakashan	475
46	1523	MC Gupta & BK Mahajan	Text book of Preventive & Social Medicine	III / 03	Jay Pee Brothers	395

47	1524	MC Gupta & BK Mahajan	Text book of Preventive & Social Medicine	III / 03	Jay Pee Brothers	395
48	1534	T Basker Rao	Methods of Biostatistics	Sept. 02 (reprint)	Paras	140
49	1535	T Basker Rao	Methods of Biostatistics	Sept.02 (reprint)	Paras	140
50	220	Vidya Ratan	Handbook of Preventive & Social Medicine	IX	Jay Pee	125
51	222	Vidya Ratan	Handbook of Preventive & Social Medicine	IX	Jay Pee	125
52	476	Murali Bharadwaz	MCQs in Social preventive & medicine	2004	Paras	135
53	484	Murali Bharadwaz	MCQs in Social preventive & medicine	2004	Paras	135
54	238	Indrini JK	Sociology for Nurses	2003	Jay Pee	50
55	237	Indrini JK	Sociology for Nurses	2003	Jay Pee	50
56	235	Indrini JK	Sociology for Nurses	2003	Jay Pee	50
57	1509	Seshababu	Review in Community Medicine	II	Paras	195
58	1508	Seshababu	Review in Community Medicine	II	Paras	195
59	1242	Vani Prabhakar	III World Sociology	I / 01	Dominant	2800
60	1464	MR Murthi	Human Behavior & Personal Disorder	2003	Pointer	650
61	1735	Basker Rao	Text book of Community Medicine & Community Rehabilitation	I / 02	Paras	150
62	1928	William CB	Health Care Environment	I / 02	CRC	--
63	1945	JHU Brown	Tele communication for Health care	2000	CRC	--
64	1946	JHU Brown	Tele communication for Health care	2000	CRC	--
65	2022	G Wads Worth	Diet & Health of Isolated population	2000	CRC	--
66	2023	G Wads Worth	Diet & Health of Isolated population	2000	CRC	--
67	1929	W C Beck	Health Care Environment – Views point	--	--	--
68	2631	K Park	Park text book of Preventive & Social Medicine	XVIII	Bharort	500
69	2632	K Park	Park text book of Preventive & Social Medicine	XVIII	Bharort	500
70	2362	Shasikumar	Biodiversity & Food Security	2002	Atlantic	--

71	3186	DA Hiremath MD, Lalitha D Hiremath	Essentials of Community Medicine – A Practical Approach	I / 04	Jay Pee Brothers	200
72	3189	DA Hiremath MD, Lalitha D Hiremath	Essentials of Community Medicine – A Practical Approach	I / 04	Jay Pee Brothers	200
73	2646	GN Prabhakara	Short text book of Preventive & Social Medicine	II / 03	Jay Pee Brothers	195
74	2645	GN Prabhakara	Short text book of Preventive & Social Medicine	II / 03	Jay Pee Brothers	195
75	2992	Frank T Kurzweg	The Surgeons Hand book	I / 90	Jay Pee Brothers	135
76	3505	VK Muthu	A Short book of Public Health	IV / 2000	Jay Pee Brothers	210
77	3449	Vidya Ratan	Viva in Preventive & Social Medicine	IV / 2000	Jay Pee Brothers	85
78	3452	Vidya Ratan	Viva in Preventive & Social Medicine	IV / 2000	Jay Pee Brothers	85
79	3024	MC Guptha & BK Mahajan	Textbook of Preventive & Social Medicine	III / 05	Jay Pee Brothers	425
80	3023	MC Guptha & BK Mahajan	Textbook of Preventive & Social Medicine	III / 05	Jay Pee Brothers	425
81	D81	--	Ordinance Governing MBBS Degree Course phase III clinical subject	2006	--	--
82	D82	--	Ordinance Governing MBBS Degree Course phase I & II clinical subject	2004	--	--
83	606	R. Ananth Narayan & Panicker	Textbook of Microbiology	VI / 2003	Orient Longman	375
84	5065	K Park	Textbook of Preventive and Social Medicine	19 / 07	Banarsidas Bhanot	600
85	4465	K Park	Textbook of Preventive and Social Medicine	19 / 07	Banarsidas Bhanot	600
86	5055	J S Mathur	Comprehensive textbook of Community Medicine	I / 08	CBS	595
87	4340	K D Tripathi	Essentials of Medical Pharmacology	V / 03	Jaypee	695
88	5058	Mukhopadhyay B B	Statistics for Medical students	I / 07	Jaypee	200
89	3684	Michael J	Public Health Nutrition	I2 / 05	Blackwell	650

		Gibney et al				
90	5046	J Kishore's	National Health Programmes of India	VII / 07	Century	550
91	4517	Sunderlal et al	Textbook of Community Medicine	I / 07	CBS	425
92	4456	K Park	Text book of PSM	I 9th edn	M/ S Banarsi	600
93	4457	K Park	Text book of PSM	I 9th edn	M/ S Banarsi	600
94	4458	K Park	Text book of PSM	I 9th edn	M/ S Banarsi	600
95	D106	WHO	Tuberculosis handbook	1998	-	-
96	D107	St. John Ambulance	First aid (Kannada)	2007	St. John Ambulance	7/-
97	D108	St. John Ambulance	First aid to the injured(Kannada)	7/1998	St. John Ambulance	35/-
98	D109	St. John Ambulance	First aid in English	III/2006	St. John Ambulance	7/-
99	D110	-	Civil society perspectives on TB policy	-	Open Society Institute	-
100	D111	Asma rahim	Principles & practice of Comm. Medicine	I/2008	Jaypee	395/-
101	D112	Sir Dorabaji Tata	HIV/AIDS research issues	VII/2006	Sir Dorabaji Tata centre for research in tropical diseases	-
102	D113	Sir Dorabaji Tata	Diarrheal Diseases	IV / 2002	Sir Dorabaji Tata centre for research in tropical diseases	-

103	D114	Sir Dorabaji Tata	Leishmaniasis	V / 2004	Sir Dorabaji Tata centre for research in tropical diseases	-
104	D115	Sir Dorabaji Tata	Acute respiratory infections	IV / 2003	Sir Dorabaji Tata centre for research in tropical diseases	-
105	D116	Sir Dorabaji Tata	Viral Hepatitis	VI / 2005	Sir Dorabaji Tata centre for research in T D	-
106	D117	Sir Dorabaji Tata	Arthropod borne infections	VIII / 2007	Sir Dorabaji Tata centre for research in tropical diseases	-
107	D118	Leela swaroop	Operational guidelines for pest control	-	-	-
108	D119	K Park	Text book of PSM	19th edn	M/S banarsi	600
109	D120	Dr. Jatin V Modi	Essentials of public health & hygiene	-	Vineet	-
110	D121	Dr. Jatin V Modi	Essentials of public health & sanitation- part I	-	Vineet	-
111	D122	Dr. Jatin V Modi	Essentials of public health & sanitation- part I	-	Vineet	-
112	D123	P J Mehta	Practical medicine for students	14th edn	jaypee	500/-

113	D124	Dr. Jatin V Modi	Foundation in public health & sanitation	Paper IV & V	Vineet	-
114	D125	A H Suryakantha	Community Medicine with recent advances	II	Jaypee	-
115	D126	Piyush Gupta	Text book of PSM	III	CBS	-
116	3779	Davidson's	Principles & Practice of medicine	20th	Churchill livingstone	960/-
117	2648	G N Prabhakara	Short text book of PSM		Jaypee	295/-
118	7003	J S Mathur	T B OF Comm.Med	Ist	CBS	595/-
119	5944	G M Dhaar	Foundations of Comm. Med	Ist	elsevier	275
120	6148	Shridhar Rao	Principles of Comm. Med	4th	AITBS	275
121	5080	Target Educare	Preventive & Social Medicine	Ist	CBS	350/-
122	6159	A P Kulkarni	T B Of Comm. Med	3rd	VORA	400/-
123	1277	P K Mujumdar	A tool for Social science & statistics	-	Jaypee	795/-
124	6721	G M Dhaar	Foundation of Community Medicine	2nd	Elsevier	-
125	8475	Reger detels	Oxford Text Book of Public Health Vol-02	5 Ed/2009		
126	8477	Reger detels	Oxford Text Book of Public Health Vol-01	5 Ed/2009		
127	6158	Dr.A P Kulkarni	Text Book of Community Medicine	3 Ed /2006		
128	6160	Dr.A P Kulkarni	Text Book of Community Medicine	3 Ed /2006		
129	9511	J P Baride	Text Book of Community Medicine	3 Ed /2006		
130	11697	Reger detels	Oxford Text Book of Public Health Vol-111	5 Ed/2009		

131	5000	R L Bijlani	Nutrition A Practical Approach	2 Ed/2007		
132	5001	R L Bijlani	Nutrition A Practical Approach	2 Ed/2007		
133	3021	V.P.Reddaiah	Methods in Biostatistics	6Ed /2005		
134	3797	Cm. Francis	Hospital Administration	3Ed/2004		
135	9571	PV Sathe	Epidemiology & Management for health care for all	3Ed/2009		
136	9572	PV Sathe	Epidemiology & Management for health care for all	3Ed/2009		
137	9573	PV Sathe	Epidemiology & Management for health care for all	3Ed/2009		
138	12975	Park K	Park K's Text Book of Preventive & Social Medicine	21 /20011		
140	8465	Kishore.J	National health programs of India	8Ed/2010		
141	8464	Kishore.J	National health programs of India	8Ed/2010		
142	7000	JS Mathur	Comprehensive Text Book of Community Medicine	1Ed/2008		
143	7001	JS Mathur	Comprehensive Text Book of Community Medicine	1Ed/2008		
144	7002	JS Mathur	Comprehensive Text Book of Community Medicine	1Ed/2008		
145	9557	WHO	Management of the child with serious inspection or severe	2003		
146	9523	WHO	Manual of basic techniques for health laboratory	2Ed/2005		
147	9519	WHO	Manual of basic techniques for health laboratory	2Ed/2005		
148	9568	Chandorkar	Hospital waste management	3Ed/2008		
149	9529	R.Beagleholе	Basic Epidemiology	1Ed/2006		
150	9530	R.Beagleholе	Basic Epidemiology	1Ed/2006		
151	11795	NK Anand	Health Economics	2Ed/2010		

152	12348	Anthony gidden	Sociology	6Ed/2009		
153	12023	Meenakshi masi	Communicable Diseases	1Ed/2008		
154	6081	Nelson	Nelson T B of Pediatrics Vol 1	18Ed/2008		
155	5797	Nelson	Nelson T B of Pediatrics Vol 1	18Ed/2007		
156	9030	Surajguta	Text Book of Pediatrics Nutrition	1Ed/2006		
157	8485	Nicki R Colledge	Davidson's principals & pediatrics of medicine	21Ed/2010		
158	5969	Michael glynn	Hutchison's Clinical methods	22Ed/2007		
159	5968	Michael glynn	Hutchison's Clinical methods	22Ed/2007		
160	12050	British red cross	First Aid manual	2006		
161	12049	British red cross	First Aid manual	2006		
162	10352	Dutta D.C	Text book of Obstetrics	7Ed/2011		
163	10353	Trivedi	Management of high risk pregnancy	1Ed/2010		
164	4344	KD Tripathi	Essentials of Medical Pharmacology	5Ed/2004		
165	4364	Paniker S	Text book of Microbiology	7Ed/2005		
166	10028	Rajesh karyakar	Medical Parasitology	2Ed/2008		

Computers-

Computer (03) with Printers: (03)

Over head Projector: 02
LCD: 01
T V with DVD Player: 01
SPSS software V 19: in both the computers

Specialty specific software's – SPSS version 19 available

Broad band, wifi, - Available

Models for teaching,-

st of Major tool/kits

Sl No	Name of the Equipment	Quantity
01	Dissecting Microscope	40
02	Compound Microscope	05
03	First Aid Kit	01
04	Rain Gauze	01
05	Baby weighing machine	02
06	Horrocks Apparatus	01
07	Sling Psychrometer	01
08	Thermometer	01
09	Height measuring stand	01
10	Auto clave	01
11	Sterilizer	Nil
12	Water Filter	01
13	Baro meter	01
14	Vaccine carrier	01
15	Weighing machine	04
16	B P Apparatus	06
17	Room temperature thermometer	01
18	Wet & Dry Bulb thermometer	02
19	Maximum & Minimum thermometer	01
20	Fluoride test kit	01
21	Chlorine test kit	01
22	Syringe hob cutter	01
23	Glass tube of specimens	05
24	Entomology slides	38
25	Dropping bottles	48
26	LCD Projector	01
27	LCD Screen	02
28	Over Head Projector	02
29	Computer	03
30	Printer	03

Specimens

1. Fasciola,
2. Echinococcus,
3. Hook worm,
4. Cysticercus,
5. Schistosoma,
6. Pepper,
7. Turmeric,
8. Wheat,
9. Black gram,
10. Salt,

11. Red gram dal,
12. Jowar,
13. Maize,
14. Mustard,
15. Jaggery,
16. Sugar,
17. Dalda,
18. Soya bean,
19. Black gram dal,
20. Halazone tablets,
21. Boric acid
22. RNTCP boxes
23. Chloroquine & Primaquine tablets,
24. Amoxycillin kid dispersable tablets,
25. Vitamin A solution,
26. Ciprofloxacin tablets,
27. Oral rehydration solution,
28. Metronidazole tablets,
29. Albendazole tablets,
30. Leprosy blister packs,
31. Dettol,
32. Savlon,
33. Spirit,
34. Lindane lotion,
35. Insecticide.
36. Immunology reagent,
37. Blood grouping reagent,
38. Urine analysis strips,
39. Widal test reagent,
40. Malaria rapid testing kit,

Models

1. Secondary Sewage treatment plant,
2. Mango,
3. Pomegrenate,
4. Cabbage,
5. Pineapple,
6. Custard apple,
7. Watermelon,
8. Maize,
9. Apple,
10. Grapes,
11. Ladies finger,
12. Brinjal,
13. Potato,
14. Raw banana,
15. Bitter guard,

16. Guava,
17. Papaya,
18. Chillies/Capsicum,
19. Raddish,
20. Onion,
21. Carrot,
22. Berkfield filter,
23. Septic tank,
24. Aqua privy,
25. U trap,
26. Water seal latrine,
27. Dug well latrine,
28. Oral Polio vaccine vial
29. Hepatitis B vaccine,
30. Haemophilus Influenza B vaccine,
31. Syringe hub cutter

Photos

1. Mother and Child health,
2 Weaning food (2),
3 Malnutrition,
4 Voluntary Counseling and Testing Centre,
5 Tubectomy,
6 Vasectomy,
7 Intra-uterine contraceptive device – Copper T,
8 Oral Contraceptive device,
9 Blood donation,
10 Polio eradication
11 Nutrition supplementation guide (2)
12 Cataract operation
13 Iodine supplementation,
14 World Tuberculosis day,
15 Malaria control,
16 Malaria prevention,
17 Pulse Polio,
18 Condom,
19 Mother to Child HIV transmission,
20 Scientists Photos. - (9)

Charts

1. Natural History of Diseases
2. Spot Map of Asiatic Cholera in London
3. National Immunization Schedule
4. Growth Chart used in India

5. Management of Pneumonia in a Child aged 2 months to 5 years
6. Composition of Reduced Osmolarity ORS, Assessment of Dehydration
7. APGAR Score
8. The Integrated Case management Process
9. The Food Guide Pyramid
10. The Spectrum of Iodine Deficiency Disorders
11. Proposed structure for Vision 2020, the right to sight
12. WHO case definition for AIDS Surveillance, WHO Clinical Staging for HIV infection
13. Categories of Bio-Medical Waste India
14. Color Coding and Type of container for disposal of Bio-Medical Waste
15. Planning Cycle
16. Occupational Diseases
17. DOTS
18. Tuberculosis and AIDS
19. Tuberculosis and Women
20. Housefly,
21. Anopheles mosquito,
22. Hook worm life cycle,
23. Plasmodium life cycle,
24. Malaria parasite,
25. Population data sheet,
26. Epidemiological triad,
27. Green leafy vegetables,
28. RNTCP,
29. Census 2001,
30. Syndromic approach,
31. Anopheles head,
32. Louse,
33. Tick,
34. Mosquito pupa,
35. Anopheles & Culex life cycle,
36. Mansonoides life cycle,
37. Cyclops,
38. Aedes mosquito,
39. Sandfly,
40. Housefly life history,
41. Emergency clinical management chart (7).
42. Primary health care,
43. Organization of health care (India & State level)
44. Growth chart and Immunization record,
45. Immunization card (2)
46. Under fives clinic,
47. World AIDS day (2)

Space detail –

(i) Demonstration Room:

a) Number : 02

b) Accommodation (of each demonstration room)

i) Size : 50 sq mt & 100 sq.mt

ii) Capacity : 60 Students & 90 Students

c) Audio-Visual equipment available : OHP,TV,VCD, LCD

(ii) Laboratory:

a) Accommodation

- Size : 150 sq mt
- Capacity : 70 Students

b) Working arrangement

- Seats available : 90
- Water supply : Available
- Sinks : 16
- Electric points : 59
- Cupboard for storage of microscope, slides etc : 02

c) Number of Microscopes :-a) Dissecting Microscope : 40

b) Standard Microscope : 05

:

e) Close circuit TV/ any other teaching aids. : OHP, TV, VCD, LCD

iii) Museum:

a) Size : 175 sq.mt

b) How are the specimens arranged : Exhibits pertaining to individual subjects of community medicine are displayed display boards.

c) Give Numbers of each (Annexure:

d) Coverage of various fields in Community medicine by Charts, models etc. : Demography, communicable diseases, Non - Communicable diseases, MCH, Occupational Health, Nutrition, Environment, Immunization.

e) No. of Catalogues of the Specimens available to the students :Catalogues of specimens displayed on the respective display board.

f) List of exhibits, Charts, photographs & other materials and their arrangements

a) Seating arrangements for students

- Type : Yes
- Number : 60
-

IV) Departmental Library – Cum – Seminar Room:

a) Is there a separate departmental library? : Yes

b) Accommodation

i) Size : 40 sq. mt

ii) Capacity : 15

c) Number of Books in community medicine and allied subjects : 164

6. **Modern teaching methods practiced and use of ICT in teaching – learning** (

Lecture method- Lectures through Audio – Visual Aids – Black Board, OHP, PPT Presentations by LCD, Structured Lesson Plans.

Type of Teaching:

Topic Presentation as per Lesson Plans by Audio – Visual Aids – Black Board, OHP, PPT Presentations by LCD,

Group Discussions.

Problem based Learning, by Simulation Exercises & Solving.

Practical Demonstrations

Field Based Exercises.

List of Student projects

Research Topics for UG students:

1. KAP study regarding hand-washing practices among paramedical personnel in RRMCH
2. Utilizing ICD-10 for classifying illnesses treated by Dept. of General Medicine of RRMCH: Current status & feasibility of implementation
3. Non-pharmacological therapy in Diabetes Mellitus: Advice, compliance & effectiveness compared to those who are only on pharmacological therapy
4. Health education evaluation study regarding Breast Self Examination(BSE) for the early detection of breast cancer/ warning signals of cancer
5. Weight for age of children suffering from diarrhoeal / respiratory infections
6. Case control study of risk factors for chronic respiratory illnesses admitted in RRMCH
7. Utilization of Yeshaswini scheme in RRMCH
8. Correlation of dry eye with use of computers
9. Comparison of visual acuity between chronic smokers & alcoholics & non-smokers & non-alcoholics
10. Prevalence of ocular causes of headache due to refractive errors
11. Microbiological profile of patients with safe type of CSOM and antibiotic sensitivity patterns- (Incidence and prevalence study- Bearing on treatment practises locally)

12. Respiratory PEFR recording as a predictor of asthma in allergic rhinitis patients.(Risk quantification study in local population- bearing on prognosis and follow up)
13. Otoacoustic emission in patients on Antitubercular treatment (Case finding study in high risk individuals)
14. KAP studies on immunization practices among parents attending Pulse Polio
15. KAP among doctors rural & urban regarding pulse polio
16. Relation between physical activity & BMI among adolescents
17. Prevalence of diabetes in tobacco consuming patients attending OPD
18. Musculoskeletal & joint manifestations in PLHIV
19. Prevalence of clinically undetectable thyroid nodules inpatients presenting to out patients clinics: USG study
20. Clinical characteristics & outcomes of patients with acute lung injury & ARDS
21. Tuberculosis & female reproductive health
22. Low-dose aspirin & preeclampsia prevention
23. Evaluating newer diagnostics for detection of multidrug resistance tuberculosis
24. Frequency & nature of adverse drug reactions in elderly in-patients of two Indian Medical college hospitals
25. Tracheotomy : Indications & its complication in a academic setting
26. Prevalence of CSOM & its correlation with socio-economic setting
27. Chronic disease presenting to hospital attributable to diet, obesity & tobacco use
28. Clinical profile of tubotympanic CSOM & its management with special reference to site & size of tympanic membrane perforation, eustacian tube function

Hands on experience,

Quiz,

List of debate, quiz, essay competition.

On the eve of World AIDS day commemorated on Dec 1st '09, our Department had organized a Collage competition for the students.

DEPARTMENT OF COMMUNITY MEDICINE 3/8/10

1. Following condition warrants use of corticosteroids along with DOTS-RNTCP in Rx of TB
a)severe pulmonary TB b)intestinal TB c)tubercular meningitis d)genito-urinary TB
2. BCG is a
a)killed vaccine b)recombinant vaccine c)live attenuated vaccine d)purified protein derivative

3. RNTCP means
a)revised national TB control program b)reinforced national TB control program
c)rural national TB control program d)reduction of national TB control program
4. The recent rise in the incidence of Tb in developed countries is due to mainly
a) multiple drug resistance b)AIDS c)reduced awarness of hygiene d)illicit drug abuse
5. Tb is mostly associated with one of the following conditions
a)bysinnosis b)silicosis c)bagassois d)anthracosis
6. The total duration of therapy for category 2 TB patients is
a)1 year b)8 months c)6 months d)13 months
7. The route of administration of BCG is
a)intradermal b)oral c)intravenous d)intramuscular
8. The strain of BCG bacilli used in india is
a)Danish1331 b)17D strain c)Ty21a strain d)H0157 strain
9. Regarding administration of BCG, the true statement is
a)withheld in pre-term infants b)reconstituted vaccine be safely stored for 1 month
c)be given any time the un-immunised child presents to OPD d)given at birth only
10. Protection rate of BCG against pulmonary TB by various trials in India is found to be
a)<50% b)<66% but >55% c)100% d)>85% but <100%
11. Isoniazid acts by
a)inhibiting mycolic acid synthesis b)inhibiting DNA gyrase c)inhibiting mRNA synthesis d)blocking translation
12. DOTS advocates supervision of anti-TB drug administration by following except
a)health worker male b)family member c) village comrade d)health worker female
13. In TB effusion on pleural tapping following usually is seen as
a)straw coloured fluid b)hemorraghic fluid c)mucoid fluid d)thick viscous
14. The epitheloid cells seen in the tubercles are derived from
a)endothelium of capillaries b)neutrophils c)epithelial cells of skin d)macrophages
15. Cold abscess is called ‘cold’ because
a)temprature is lower than surrounding skin b) inappropriate inflammatory response
c)seen commonly during winter d)abscess is associated with chills & rigors
16. Which anti-TB drug causes Retrobulbar neuritis?
a)streptomycin b)ethambutol c)INH d)rifampicin
17. Most predominant cells in tuberculous pleural effusion are
a)neutrophils b)eosinophils c)lymphotycetes d)basophils
18. One of following is a feature of Tuberculous effusion
a)transudative b)non-hemorragic c)WBC count is reduced d)proteins are increased
19. Most reliable investigation for the diagnosis of pulmonary TB?
a)sputum microscopy b)chest x-ray c)culture & sensitivity d)mantoux test
20. Life-time risk of HIV patients developing TB?
a)25% b)40% c)50% d)55%
21. Maximum age limit for BCG vaccination for an un-immunised child is?
a)6 months b)1 year c)5 year d)10 year
22. FEV1/FVC ratio, in TB is
a) decreased b)increased c)no change d)can’t be estimated
23. Tubercle bacilli was discovered by?
a)Louis pastuer b)Joseph lister c)Robert koch d)Williams harvey
24. Incidence of TB can br measured by?
a)prevalence of infection b)prevalance of disease c)tuberculous conversion index

d)annual infection rate

25. RNTCP strategy is to achieve:
a)65% of cure rate through DOTS supervised short course chemotherapy, b)75% of cure rate through DOTS, c) 85% of cure rate through DOTS d) 95% of cure rate through DOTS.

26. True about Mantoux test is:
a)~5mm always positive b)false positive in post measles state
c)usually negative after treatment d)usually read after 48-72 hrs

27. TB causes
a)chyluria b)urolithiasis c)painless hematuria d)asterile pyuria

28. In TB immunity is mostly provided by
a)CD4+ cells b)CD8+ cells c)IgG d)IgM

29. Not a pathogenic mycobacterium to human is
a)M.kansasii b)M.paratuberculosis c)M.ulcerans d)M.intracellulare

30. Swimming pool granuloma is caused by
a)M.kansasii b)MAI c)M.marinum d)M. scrofulaceum

31. Tuberculin test denotes:
a)previous or present sensitivity to tubercular proteins b)patient is resistant to TB
c)person is susceptible to TB d)protective immune status of individual against TB

32. Collection of urine sample of a patient of TB-kidney is done:
a)24 hours b)12 hours c)early morning d)any time

33. The re-constituted BCG vaccine may be used up within
a)2 hours b)1 hour c)3 hours d)2 ½ hours

34. During TB treatment, it is essential to monitor sputum conversion achieved at end of
a)2-3 months b)2-3 weeks c)1-11/2 months d)4-6 months

35. As per the latest guidelines of RNTCP, the duration of cough to suspect TB is
a)30 days b)14 days c)28 days d)21 days

36. Which among the following anti-TB drugs can cause deafness in baby?
a)isoniazid b)ethambutol c)pyrazinamide d)streptomycin

37. Healing of primary infection in TB occurs by
a)fibrosis b)re-vascularization c)cavity formation d)neoplastic conversion

38. In HIV positive patients with TB, all are true except
a)↑sputum positivity for AFB b)↓fibrosis c)highly variable tuberculin test
d) ↓ cavitation on lungs

39. During culture the tubercle bacilli usually grows within
a)4-5 weeks b)10-14 days c)11/2 -2 weeks d)2-3 weeks

40. Among the anti-TB drugs causes visual disturbances
a)ethambutol b)rifampicin c)streptomycin d)pyrazinamide

41. Among the following anti-TB drug which is bacteriostatic
a)rifampicin b)streptomycin c)pyrazinamide d)ethambutol

42. In slide reporting when is the given slide reported as 3+
a)AFB →10-99/100 oil immersion field b)AFB→1-10/ oil immersion field
c)AFB→ 1-9/100 oil immersion field d)AFB>10/oil immersion field

43. The only anti-TB drug which is active against persistors/dormant bacilli
a)pyrazinamide b)rifampicin c)streptomycin d)isoniazid

44. New extra pulmonary not seriously ill patient belongs to which DOTS category schedule
a)category 1& 3 b) category 3 but not 1 c)category 1 but not 3 d)category 1 & 2

45. The aim of BCG vaccination is to induce

a)benign artificial immunity b)benign innate immunity c)kill persisting bacilli d)anaphylaxis

46. DOTS-plus is implemented in preventing
a)TB with meningitis b)TB in HIV patients c)multi-drug resistant TB d)TB in immunosupressed person

47. In HIV positive patients TB management includes
a)cured if diagnosed early & treated properly b)controlling of spread of organism c)inducing immunity against TB d)cannot be cured at all

48. A person who returns sputum smear positive, after discontinuing treatment for atleast 2 months is
a)failure case b)relapse c)smear positive TB d)defaulter

49. One tuberculin unit equals
a)0.01ml of old tuberculin b)0.1 mg of ppd c)0.0002mg of ppd d)0.001ml of old tuberculin

50. The only injectable form anti-TB drug is
a)rifampicin b)streptomycin c)ethambutol d)pyrazinamide

Debate, ,

Essay writing, ,

CE,

Field visits,

List of Dissertation,

1. A Study of Socio-Demographic profile and utilization of Adolescent health clinic by Adolescents of Ramanagara Dist.

2. "A Study of Primary Immunization coverage among infants in rural areas using lot quality assurance sampling technique"

3. "A Study of the Morbidity profile of construction workers in Bangalore Urban District.

4. "A Study of Prevalence of Hypertension among bank employees of Bangalore Urban District.

5. "A Study of Knowledge and practice of menstrual Hygiene among adolescent school girls in rural and urban field practice area Rajarajeswari Medical College & Hospital.

6. "A study of Sputum smear conversion rate of Pulmonary Tuberculosis patents attending designated Microscopy and treatment centre in Bangalore Urban District.

7. A study of Clinico-Epidemiological factors for pregnancy induced hypertension among antenatal mothers: a hospital based study.

List of Audio and Video CDs, Available in Dept,

Self-directed learning,

Home assignments

Skills quota,

Feed s collectectd, area for improvement teacher identified action initiated

7. **Participation of teachers in academic and personal counseling of students**

-Mentorship-

Name of faculty/	
year	**Students allotted**
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

.Deputed to other countr –

Faculty deputed for up gradation of specialty skills training.

Dr. Shashikala Manjunatha & Dr. Srividya. V. Visited Health Protection Agency, Birmingham, United Kingdom, as part of faculty exchange program in the field of Public

Health Emergencies /Disaster Preparedness and Response & Infectious Diseases Surveillance systems as part of Global Health Fund during July –August 2011
Dr. Shashikala Manjunatha : Prof & HOD

- *Chaired - 03 Scientific Sessions during* Training Programme on Public Health Emergencies & Disasters: Preparedness & Response" in co-ordination with HPA – Health Protection Agency, U.K. – 25th OCT – 29th OCT 2010,2011,2012 @ RRMCH.

- *Chaired - 03 Scientific Sessions during* – Training Programme on " Infectious Diseases Epidemiology & Health Protection" in co-ordination with HPA – Health Protection Agency, U.K. – 18th APRIL – 22nd APRIL 2011,2012 @ RRMCH.

- Presentation on "Public Health in India – Success & Challenges" in *HPA – Health Protection Agency – Birmingham, U.K. on July 20, 2011.*

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

Satellite centers

11. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research,

12. Placement record of the past students and the contribution of the Department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2013-14	2014-15	2015-16	2016-17	2017-18
Courses	Training of Health Inspectors - DHI – Diploma in Health Inspector Course Enrichment Courses PG Orientation Programme- Approach to Learning/ Skills Development in Community Medicine	DNB –Sanction? Problem Based Learning Training of Health Inspectors - DHI – Diploma in Health Inspector Course	Planning to start Diploma in Occupational Health	Increase Seats To 250	New Para - Medical Courses
TLE	All Teaching ppt to be Student Centric , Training in Viva-Voce, Faculty Development Activities All Faculties to avail Membership of National Professional Association Increase Quality and Quantity of results	Use Net For Teaching CPA Cards to be Intensified Attend Conference With Scientific Paper Presentations - All Faculty Weekly Scientific Club Conduct 2-Workshops Complete annual review Increase Quality and Quantity of results	Live Lectures Relay Student Projects ,Tutorials, Group Discussion. Hands On Experience, Problem based learning, Enrichment Courses. Improve	Problem based learning, Enrichment Courses. Improve Teacher Quality by Advancing Skills Conduct- National Conference Increase Quality and	Problem based learning, Enrichment Courses. Improve Teacher Quality by Advancing Skills Conduct National Conference

			Teacher Quality by Advancing Skills Conduct- National Conference Increase Quality and Quantity of results	Quantity of results	Increase Quality and Quantity of results
Administration	Four Coordinators Committees of IQAC Develop Health Management Information Systems of Field based Health Centres.	Internalize IQAC , Develop IQAR,PPD Develop Health Management Information Systems of Field based Health Centres.	Internalize IQAC ,Develop IQAR,PPD Develop Health Management Information Systems of Field based Health Centres.	Develop Health Management Information Systems of Field based Health Centres.	Develop Health Management Information Systems of Field based Health Centres.
Research/Extension	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics PG Dissertations on Public Health. (Details of Topics in / Fact Data Sheet) Specialist Health Camps	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal PG Dissertations on Public Health. (Details of Topics in Fact Data Sheet) Specialist Health Camps	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal PG Dissertations on Public	PG Dissertations on Public Health. (Details of Topics in / Fact Data Sheet) Specialist Health Camps	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal

			Health. (Details of Topics in/ Fact Data Sheet) Specialist Health Camps		
Infrastructures	Improve library quality 55-points Improve Laboratories Laboratories, Get Equipments Get Advanced Research Equipments Maintain and strengthen ICT – Facilities and Utilization Audio – visual aids to be updated PG Working Desk to be set up. Systems to be installed for PGs.	Improve library quality 55-points Upgrade Laboratories Calibration of Equipments	Improve library quality 55-points Maintain and assess space for UG , PG, Paramedical Students and Faculties Calibration of Equipments Use advanced Research Equipments facilities for teaching learning Maintain and strengthen ICT – Facilities and Utilization	Improve library quality 55-points Calibration of equipments Maintain and strengthen ICT – Facilities and Utilization	Improve library quality 55-points Calibration of Equipments Maintain and strengthen ICT – Facilities and Utilization Add on Teaching aids
Innovation	Add on services Initiate Centre of Excellence in Epidemiology/Disease Surveillance	Provide advances in Technology in Education ,Service and Research	Get international linkage-for research ,and teaching learning process	Centre of Excellence in Epidemiology/Disease Surveillance	
Collaborations/ Linka	Get international linkage-for Research and Teaching Learning Process	Linkages with villages for services	Linkages with NGOs for services and to procure	Participate in National Health Services/	

ges	Dept. of Health & Family Welfare, Govt - Karnataka.		Research Grants	Programmes / Schemes	

GEN. MEDICINE

Eval uative report of the department of GENERAL MEDICINE

1. **Faculty profile - adequacy and competency of faculty** –

SL NO.	NAME	SEX	DESIGNATION	QUALIFICATION	APPROVED GUIDE	STATE	PT/FT
1	DR.Krishna.M.V	M	Professor & HOD	MBBS , MD(Med)	Yes	Karnataka	FT
2	Dr.K.Rangamani	F	Professor	MBBS , MD(Med)	-	Karnataka	FT
3	Dr.Chikkananjaiah	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
4	Dr.Ajith Kumar	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
5	Dr.Vijay.M.B	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
6	Dr.Mamatha B Patil	F	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
7	Dr.Sudhindra	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
5	Dr.Vijay.M.B	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
6	Dr.Mamatha B Patil	F	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
7	Dr.Sudhindra	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT

2.**Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

6.	Are there any overseas students?	Yes	✓	No	
	If yes, how many?		04		
7.	How many students have pursued post-graduation, qualified the DNB during the last five years?	Yes	**12**		

5.	What is the percentage incremental academic growth of the following category of students for the last two batches				
	Category	At Admission		on completion of the course	
		Batch I	Batch II	Batch I	Batch II
a.	SC-	15	08	15	05
b.	ST –	-	04	-	02
c.	OBC (SEBC)	-	-	-	-
d.	Women-	-	-	-	-
e.	Physically Challenged	-	-	-	-
f.	General category-	85	88	77	56
g.	**Any other (specify)**				

6.	Any other (specify)	

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

IN THE CURRENT SYLABUS NIL

List of problem based learning :

1.Clinical approach to Comatose patient

2. Clinical approach to a patient with chest pain.

3. Clinical approach to a patient with head ache.

4. Clinical approach to a patient with bleeding diathesis.

5. Clinical approach to a patient with Jaundice.

	Examination Results (past five years) **Under process**

List of enrichment courses :

1. Electrocardiograph (ECG) – interpretation for UG students.
2. Reading of a. Chest X-ray for UG students.
3. Interpretation of Blood Gas analysis report for UG & PG students.
4. Reading of CT scan Brain images for UG &PG.
5. Reading of MRI Brain images for UG & PG.

Certificate courses:

1.Course in Electrocardiography.

2.Course in Echocardiography.

3.Course in Diabetes management.

4. Course in EEG

5. Course in ENMG

4. Trends in the success and dropout rates of students during the past two years

	Dropout rate in UG and PG for the last two batches	Number	%
	Not attending classes UG - 2005-06	04	
	2006-07	06	
	2007-08	07	
	2008-09	04	
	2009-10	03	
	2010-11	Nil	
	2011-12	02	
	2012-13	NA	
	PG – 2011-12	01	
	2012-13	NA	

	UG					PG					M. Phil				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
2006-07															
% of passes	54	-	-	-	-										
Number of first classes	27	-	-	-	-			**Not Applicable**							
Number of distinctions	01	-	-	-	-										
Rank if any	Nil	-	-	-	-										
2007-08															
% of passes	48	-	-	-	-										
Number of first classes	19	-	-	-	-			**Not Applicable**							
Number of distinctions	01	-	-	-	-										
Rank if any	Nil	-	-	-	-										
2008 – 09															
% of passes	39	81	-	-	-										
Number of first classes	19	17	-	-	-			**Not Applicable**							
Number of distinctions	02	-	-	-	-										
Rank if any	-	-	-	-	-										
2009 - 10															
% of passes	34	69	78												
Number of first classes	19	24	08					**Not Applicable**							
Number ofdistinctions	01	01	-												
Rank if any	-	-	-												
2010-11															
% of passes		53	73	84											
Number of first classes		13	27	12				**Not Applicable**							
Number of distinctions		01	-	-											
Rank if any	-	-	-	-											
2011 - 12															
% of passes	44	92	83	67											
Number of first classes	32	20	28	08				**Not Applicable**							
Number ofdistinctions	03	02	-	-											
Rank if any	-	-	-	-											
2012-13															
% of passes	33	56	80	80											
Number of first classes	30	31	24	14				**Not Applicable**							
Number ofdistinctions	10	02	08	-											

Rank if any															

5. **Learning resources of the departments - library, computers, laboratories and other resources**

-Dept. library : Full set of books with adequate space for reading available

Computer - 0 3

LCD 01

Broad band- wifi - yes

Major equipments details –

1. **Stress – ECG (TMT) – equipment**
2. **Echocardiograph with color Doppler unit**
3. **Holter unit**
4. **EEG & ENMG system**
5. **Pulmonary function test – system**

other institution facilities used-- yes for PG Training

and other resources

MOU with Sri Jayadeva Institute of Cardiology

MOU with NIMHANS

MOU with KIDWAI Institute of Oncology

6. **Modern teaching methods practiced and use of ICT in teaching – learning**

– learning.

Lecture method,--Didatic, group discussions,panel discussions

List of PPT,

1. **Iron Metabolism**
2. **Liver Function Tests**
3. **Acute phase reactants**
4. **Coronary circulation**
5. **Cerebral circulation**
6. **Renal function Tests**
7. **Thyroid hormones**
8. **Pulmonary Embolism**

9. Acute coronary syndrome

10. Interstitial lung disease

Practical teaching,Bedside clinics, grand rounds, outpatient clinics

List of Student projects

1. Study of Antibiotic Prescription Pattern in patients with COPD with acute exacerbation.
2. Study of pattern of prescription of Anti Hypertensive Drugs in essential Hypertension.
3. Prescription pattern of Antibiotic usage for Urinary Tract Infection in adult in a tertiary care hospital.

List of PG Seminars (From 2011 onwards)

Basic Sciences:

1. Edema clinical approach
2. Liver function tests
3. Renal function tests
4. Acute phase reactants
5. Coronary circulation
6. Cerebral circulation
7. Iron Metabolism
8. Folic acid and Vit B12 metabolism
9. Thyroid hormones
10. Acid base disorders
11. Lipoproteins in Health and disease
12. Fever clinical approach
13. Shock clinical approach
14. Proteinuria
15. Lymphadenopathy – clinical approach
16. Bleeding disorders – clinical approach
17. Jaundice – clinical approach
18. Arthritis clinical approach
19. Hyponatremia
20. Dyslipidemia
21. Pulmonary function tests.

Subject Seminars

1. Enteric Fever
2. Dengue Fever
3. Cerebral Malaria
4. Tuberculosis – Pathogenesis and clinical features
5. Tuberculosis – Diagnosis & treatment
6. Infective Endocarditis
7. Pulmonary Hypertension
8. Pericardial diseases
9. Cardiac failure
10. Rheumatic Fever
11. Acute Coronary Syndrome
12. Constrictive Pericarditis
13. Pulmonary Embolism
14. Management of Hypertension
15. Cardiomyopathies

List of Dissertation Topics (PG Thesis)

FIRST BATCH-2011

1. Study of clinical and Echocardiograhic Profile in patients with chronics kidney disease.
   PG Student Dr.Sourav Das
   PG Guide Dr.Krishna.M.V

2.Study of prediction of requirement for ventilator support in OP compound poisoning.
   PG Student Dr.Udayshankar.H
   PG Guide Dr.Vijay.M.B

SECOND BATCH 2012

Sl no.	PG Name	PG Guide	Topic
1	Dr.Srikanth Reddy	Dr.M.V.Krishna	Study of CIMT and Atherosclerotic risk profile in Acute Ischemic stroke
2	Dr.Suraj Das	Dr.M.V.Krishna	CIMT in relation to Atherosclerotic risk factors in patients with Prediabetes and Type 2 DM
3	Dr.Neetiraj Singh	Dr.Vijay	Clinical and Biochemical Profile of lean Type 2 DM with BMI<18.5 kg m2

4	Dr.R.Kathyayini	Dr.Vijay	Compatitive study of dyslipidaemia in Type II DM with and without associated hypothyroidism
5	Dr.Tarapatla Sandeep	Dr.Chikkananjaiah	Study of Cardiorenal Syndrome in Heart Failure
6	Dr.Arigala Ganesh	Dr.Ajith Kumar	Clinical and Laboratory Profile of Asymptomatic Bacteriuria in women with Type 2 DM
7	Dr.Sandeep T	Dr.Ajith Kumar	A study of asymptomatic fatty liver disease's relation technical features, serum levels of C-reaction protein and other laboratory profile
8	Dr.Abhishek.M	Dr.MamathaPatil	A one year cross sectional study of co-relation of clinical parameters with serum HSCRP as a predictior of severity of disease of COPD

List of Tutorials

TUTORIAL CLASSES MBBS IX TERM

Sl no.	TOPIC
1	**Approach to Dyspnoea & Chest pin clinical & differential diagnosis**
2	**Approach of Cardiac Failure**
3	**Approach of COPD / Asthma**
4	**Approach of pleural diseases**
5	**Approach of Bleeding disorders**
6	**Approach of Malabsorption syndrome**
7	**Approach to Myclopathy**
8	**Approach to Renal Failure**
9	**Approach to Shock /Multiorgan Failure**
10	**Approach to Neuropathy**
	11.Lumbar puncture
	12.Plural tapping
	13.Intercostal drainage
	14.Bronchoscopy
	15.Pulmonary function test
	16.Pericardiocentesis
	17.Resuscitation
	18.Defibrillation

		19.ICU monitoring system
		20.Universal precaution and waste disposal
		21.Chest pain and palpitions
		22.Abdominal pain
		23.Ascites
		24.Jaundice
		25.G.I.bleeding
		26.Hepatosplenomegaly
		27.Anemia
		28.Pulse
		29.Syncope
		30.Coma
		31.Liver biopsy
		32.Kidney biopsy
		33.Dialysis
		34.Insulin and SMBG

Problem Based Learning

1. Clinical approach to Comatose patient
2. Clinical approach to a patient with chest pain.
3. Clinical approach to a patient with head ache.
4. Clinical approach to a patient with bleeding diathesis.
5. Clinical approach to a patient with Jaundice.

List of Case Based Learning

1. Clinical approach to a patient with chest pain
2. Clinical approach to a patient with Breathlessness
3. Clinical approach to a patient with Headache
4. Clinical approach to a patient with seizures
5. Clinical approach to a patient with weakness of a limb

List of Audio and Video CD's

- Hypertension update I & II
- Diabetes Video Lecture Series – set of 10 video lectures (M.V Hospital for Diabetes)
- Hypertension Summit
- Dyslipidemia and Coronary Heart Disease – Interactive CASE STUDY
- Best of EASD – 2011
- Best of EASD – 2012
- Hepatic encephalopathy – liver congress Barcelona – 2012
- APICON – 2010, 2011, 2012
- Best of ADA – 2013
- ITSCON – 2013 Hypothyroidism – David S Cooper
- Guidelines for management of thyroid dysfunction during pregnancy – Dr. Archanajuneja

Self-directed learning
Home assignments
Skills quota,
CPA cards,
PG log book yes,. Periodically updated
Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
Year	**Students allotted**
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

Deputed to other country - nil

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Membership of teachers in University bodies,
Professional association,
Life member of Association of Physicians of India
Dr,Krishna.M.V
Dr.Vijay.M.B
Dr.Ajith Kumar
Dr.Chikkananjaiah
Dr.Mamatha Patil
Dr.Sudhindra
Dr.Byrareddy
Dr.Anil Kumar

College academic journal articles

Published 3 articles in Journal of Medical Sciences RRMCH

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

MOU with Sri Jayadeva Institute of Cardiology
MOU with NIMHANS
MOU with KIDWAI Institute of Oncology
Satellite centers

11. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Publications of the faculty –LIST

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18
Courses	**DM Cardiology**	**DM Nephrology**	**DM Neurology & Pulmonology**	**DM Endocrinology & Gastroenterology**
TLE				
Administration				
Research/Extension	**To take up more research projects**	**To take up more research projects**	**To take up more research projects**	**To take up more research projects**
Infrastructures	**To be upgraded**	**To be upgraded**	**To be upgraded**	**To be upgraded**
Innovation				
Collaborations/	**With various**	**With foreign**	**With foreign universities**	**With foreign universities for**

Linkages	**national universities**	**universities for UG, PG training**	**for UG, PG training**	**UG, PG training**

TB & CHEST

Evaluative report of the department of Pulmonology/ TB &CD

1. **Faculty profile - adequacy and competency of faculty**

Name	*Sex*	*Designation*	*Qualification*	*Approved Guide Y/N*	*STATE*	*PT/FT*	*PhD/*
Dr.Y.Laxman	**M**	**Prof. & HOD**	**MD(GM) MD(TB&CD)**	**Y**	**Karnataka**		
Dr.Karnappa Bhangari	**M**	**Assoc. Prof.**	**MD(TB&CD)**	**Y**	**Karnataka**		

2. **Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

	M	**F**	**SS**	**OS**	**OC**	**NRI**	**DA**
Name Total .UG students	**As in the**	**Dept.of**	**medi**	**cine**			
Total PG students	**_**	**_**	**NOT**	**APPL**	**ICABL**	**E _**	**_**
I year	**_**	**_**	**_**	**DO**	**_**	**_**	**_**
II year	**_**	**_**	**_**	**DO**	**_**	**_**	**_**
III year	**_**	**_**	**-**	**DO**	**_**	**_**	**_**
Total number of repeaters	**_**	**_**	**_**	**DO**	**_**	**_**	**_**
Total Interns	**_**	**_**	**_**	**DO**	**_**	**_**	**_**

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

IN THE CURRENT SYLABUS

Contents –topics Added To Theory : As per the syllabus approved by RGUHS in co-ordination with the department of medicine.

Contents-topics Deleted in Theory

Contents-topic Added To practical

Contents-topics Deleted In practical

Total marks and change in pattern of examination in both theory and practical.

List of problem based learning- at least two in your subject : with the dept.of medicine.

List of enrichment courses- at least two in your subject

Certificate courses- at least two in your subject

One interaction of students with your subject counterpart in community-details

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
As in the	department	of	medicine				

5. Learning resources of the departments - library, computers, laboratories and other resources

Computers, *01*

LCD, *01*

Specialty specific software's _

Broad band, wifi,

Models for teaching,

teaching aids, *OHP & LCD*

Laboratories, *01*

Space details, _

Major equipments details,

Other institution facilities used

and other resources

33. List of major tool kits / equipments.

33 – LIST OF MAJOR TOOLS / EQUIPMENTS:

1> LCD Projector with screen

2> Computer with PFT (BPL) machine

3> Set of Spirometer with color LCD

4> LED Microscope supplied under RNTCP

35. Details of bed strengths/allocation/dental chairs/operation theatre.

DETAILS OF BED STRENGTH : 105

Male TB & CD Ward – 20 Beds

Female TB & CD Ward- 10 Beds

List of computer, accessories, software and ICT.

List of Computer Accessories

Software & ICT one set

39. List of faculty, Designation, Male/Female, other details.

.

44. Patients stastistics, month wise, year wise.

STATISTICS – JAN TO DEC 2012

44-A

DEPT	TBCD
JAN	4331
FEB	3788
MAR	4159
APR	3947
MAY	4117
JUN	4193
JUL	4264
AUG	4308
SEP	4229
OCT	4444
NOV	5063
DEC	4817
TOTAL	51660

STATISTICS – JAN TO DEC 2012

44-B

DEPT	*TBCD*
JAN	78
FEB	88
MAR	100
APR	71
MAY	84
JUN	78
JUL	106
AUG	107
SEP	107
OCT	122
NOV	161
DEC	159
TOTAL	1261

STATISTICS – JAN TO DEC 2012

44-C

DEPT	*TBCD*
JAN	132
FEB	117
MAR	129
APR	135
MAY	127
JUN	-
JUL	-
AUG	-
SEP	-
OCT	-
NOV	-
DEC	-
TOTAL	640

STATISTICS – JAN TO DEC 2012

44-D

DEPT	*TBCD*
JAN	4241
FEB	3947
MAR	4285
APR	4013
MAY	4240
JUN	-
JUL	-
AUG	-
SEP	-
OCT	-
NOV	-
DEC	-
TOTAL	20726

RNTCP PROGRAMME RAJARAESWARI MEDICAL COLLEGE AND HOSPITAL

44-E ***SPUTUM EXAMINATION & TB CASES DETECTED***

QUARTER / ANNUAL YEAR- 2012

MONTH/QTR	RRMCH					Referred from P.H.C			Total suspects & sputum positive			*Total TB cases*			*ICTC*	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	NEW OPD	*TB SUSPECTS*	*%*	*Spos*	*%*	*TB suspects*	*Sppos*	*%*	*TB suspects*	*Sppos*	*%*	*Pul sp neg*	*Ex pul*	*Total*	*Ref*	*Pos*
I QTR	*7087*	*287*		*37*		*131*	2		*420*	*39*		*34*	*22*	*95*	*88*	*2*
II QTR	*7220*	*244*		*49*		*130*	*9*		*374*	*58*		*19*	*29*	*106*	*87*	*1*
III QTR	*6755*	*241*		*42*		*117*	*3*		*358*	*45*		*17*	*23*	*85*	*60*	*1*
IV QTR	*6858*	*305*		*43*		*118*	*5*		*423*	*48*		*23*	*20*	*91*	*63*	*Nil*
Total	27,950	1079		171		496	19		1575	190		93	94	377	298	

RNTCP PROGRAMME RAJARAESWARI MEDICAL COLLEGE AND HOSPITAL

44-F ADULT&PAED TB CACES DETECTED –ANNUAL.2012 (JANUARY-DECEMBAR)2012

QTR 2012	TYPE	SPUTUM POS	SPUTUM NEG	EXT PUL	EXT-PUL					
					L.N	PLESS	ABD	CNS	BONE	OTH
I.(95)	ADULT- 92	39	32	21	10	2	6	-	3	-
	PAED -03	-	2	1	-	-	1	-	-	-
II.(106)	ADULT -101	58	16	27	9	13	3	-	2	-
	PAED -05	-	3	2	1	1	-	-	-	-
III.(85)	ADULT- 80	44	14	22	8	7	5	2	-	-
	PAED -05	1	3	1	-	1	-	-	-	-
	ADULT -89	48	21	20	4	8	2	-	5	1 SK
IV.(91)	PAED -02	-	2	-	-	-	-	-	-	-
TOTAL.(377)	ADULT.(362)	189	83	90	31	30	16	2	10	1SK
	PAED-(15)	1	10	4	1	2	1	-	-	-

ANNUAL REPORT 2012

44-G TREATMENT INITIATION

ANNUAL 2012		WITH IN TU			REFERED-OUT			
		RRMCH-DMC	E IN TU	CAT I-II.	OUT SIDE TU	OUTSIDE DISTRIC	OUTSIDE STATE	CAT I - II
SP +190	I QTR 39	28	11	31-8	-	-	-	-
	II QTR 58	53	05	50-8	-	-	-	-
	III QTR 45	34	06	40-0	5	-	-	5-0
	IV QTR 48	32	13	44-1	1	1	1	1-1-ND1
	TOTAL 190	147	35	165-17	6	1	1	6-1-1ND1
Sp Ng 93	I QTR 34	24	10	30-3-1 ND1	-	-	-	-
	II QTR 19	18	01	18-0-1ND1	-	-	-	-
	III QTR 17	15	-	15-0	1	1	-	2-0
	IV QTR 23	16	3	19-0	-	3	+	3-0-1ND1
	TOTAL 93	73	14	82-3-2 ND	1	4	1	5-0-1ND1
EXT PAL 94	I QTR 22	12	9	20-1	1	-	-	1-0
	II QTR 29	21	7	26.2	-	1	-	1-0

	III QTR 23	16	3	19-0	-	4	-	4-0
	IV QTR 20	15	2	17-0	1	2	-	3-0
	TOTAL 94	64	21	83-3	2	7	-	9-0
TOTAL	377	284	70	329 23-2	9	12	2	20,1,2

6. Modern teaching methods practiced and use of ICT in teaching – learning

Lecture method, ***Black board & Powerpoint presentation***

List of PPT, online,

Practical teaching, ***Bedside clinics***

List of Student projects,

Hands on experience,

List of Seminars,

Quiz,

Debate,

Essay writing,

CE,

Field visits,

Literature review wall magazines ***YES***

List of Dissertation,

List of Tutorials,

PBL,

List of Case Based Learning,

List of Audio and Video CDs,

Self-directed learning,

Home assignments

Skills quota,

CPA cards,

PG log book

Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
year	***Students allotted***
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

9. Participation / contribution of teachers to the academic activities including teaching , consultancy and research

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2 In association with department of medicine & allied Satellite centers subjects ; DTC & state TB association

11. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years** -NIL-

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – Fact Data Sheet-26: central research laboratory

12. **Placement record of the past students and the contribution of the department to aid student placements**

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. **Plan of action of the department for the next five years**

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	-	-	Conference and workshop	Increase Seats To 250	New Paramedical
TLE	All Teaching Ppt Student Centric , Train For Viva-Voce, Faculty Development	Use Net For Teaching Cpa Card Intensify, Atted Cinference With Paper All Faculty	Live Lectures Relay Student Projects ,Tutorials,Group Discussion. Hands On Expirience, Pbl,Enrichment,Prove Improve Teacher Quality By Advance	TTrain For Mcq, PPbl,Enrichment, Prove IImprove	Student And Faculty Exchange Atted Cinference With Paper All Faculty Condict 2-Workshops

	Activities **All faculties avail membership of national professional association** Increase quality and quantity of results	**Weekly Scienctific Club** **Condict 2-Workshops** **Complete annual review** Increase quality and quantity o results	**Skills** **Atted conference With Paper All Faculty** **Conduct-National Conference** **Condict2-Workshops** **Complete annual review** Increase quality and quantity o results	**Teacher Quality By Advance Skills** **CCondict 2-Workshops** Iincrease quality and quantity o results	**Faculty Development Activitie** Increase quality and quantity o results
Administration	**Four Coodinators** **Committees Of IQAC**	**Internalise** **IQAC ,Develop IQAR,PPD**	**Internalise** **IQAC ,Develop IQAR,PPD**	**Internalise** **IQAC ,Develop IQAR,PPD**	**Internalise** **IQAC ,Develop IQAR,PPD**
Research/Extension	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**

Infrastructures	**Improve library quality** **Improve LABOROTARIES** **GET EQUIPMENTS** **Get advanced research equipments** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality** **Upgrade Laborotaries** **Cllibration of equipments** **TRAIN IN advanced research equipments**	**Improve library quality** **Maintain and assess space for ug , pg, paramedical students and faculties** **Cllibration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality Cllibration of equipments oints** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality Cllibration of equipments** **Maintain and strengthen ICT – facilities and utilization** **Add on teaching aids**
Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education ,service and research**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence**	**Establish centre of excellence**
Collaborations/ ***Linkages***	**Get international linkage-for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with ngo for services and to procure research grants**	**Participate in national health services schemes**	**Participate in national health services schemes**

SKIN & VD

Department of Dermatology, Bangalore.

LIST OF FACULTY

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr. Vivekananda	M	Professor and H.O.D	M.D.	1911- 1. 1912- 2.		FT.	-
Dr. Umashankar.N	M	Professor	M.D.	1912- 1.		FT.	-
Dr. Belliappa. P.R.	M	Associate Professor	D.N.B.	-		FT.	-
Dr. Leena C.B.	F	Senior Resident	D.N.B.	-		FT.	-
Dr. Sapna Shree Bhaskar	F	Senior Resident	M.D.	-		FT.	-
Dr. Lokanath	M	Senior Resident	D.V.D.	-		FT.	-

Student profile- entry level competencies, socioeconomic status, language profyciency etc.

	M	F	SS	OS	OC	NRI	DAY
Name total UG Students.							
Total no. P.G. Students.							
I Year	-	-					
II Year	-	2	SS				
III Year	-	1	SS				
Total no. of repeaters	0	0					
Total Interns	0	0					

3. Changes made in the course or programmes during past two years and the contribution of the faculty to those changes.

In the current sylabus:

Contents- Topics added to theory:

Contents- Topics deleted in theory:

Contents- Topics added to practical:

Contents- Topics deleted in practical:

No undergraduate examination is there in dermatology for undergraduates.

List of problem based learning :

i) Skin Infections (Bacterial, Viral and Fungal).
ii) Papulosquamous Disorders like Psoriasis , Lichen Planus etc.,

List of Enrich courses:

i) Vesiculobullous Disorders like Pemphigus, Pemphigoid etc.,
ii) Allergic Skin Diseases like Urticaria, Eczema etc.,

4. Trends in success and dropout rates of students during the past two years .

No separate subject examination, for Undergraduate students is conducted by the University.

Result data of last 5 year annual regular examination to be given

No separate subject examination, for Undergraduate students is conducted by the University.

5. Learning resources of the department-

i) Library- Available (Departmental and Central).
ii) Computers- Available.
iii) LCD- Available.
iv) Speciality specific Softwares- Available.
v) Broadband / WIFI – Available.
vi) Models for teaching- Available (In the form of Charts).
vii) Teaching aids – Available.
viii) Laboratories- Available.
ix) Space details- as per regulatory authorities

x) Major equipment details-

- Dark ground Microscope,
-Electro Cautery machine,
-Radio Frequency machine,
-Whole body Photo therapy unit,
- Cryo therapy Unit,
Dermabrader-mechanical,
- CO2 Laser,
-Targetted Photo therapy unit,
- Dermaroller and
-Fractional CO2 Lacer Unit.

Other Institution facilities used-

- Central Library,
- Pathology lab.,
- Microbiology lab.,
- Biochemistry lab.,
-Central laboratory,
- Radiological facility etc.,
- I T section
-Photography section

6. Modern teaching methods practiced and use of ITC in teaching-learning:

-Learning

Lecture method – black board,
-List of PPT on line- No online PPTs at present.
-Practical teaching – Available in the form of OPD teaching, bedside teaching, Demonstration of laboratory procedures, Demonstration of therapies.
-List of student projects- NONE.
-Hands on experience, Available.
- List of seminars
1 Epidermal Cells and their clinical importance.

2 Dermis and its appendages with their clinical importance.
3 Hair and Nail anatomy with reference to their clinical importance.
4 Linear Dermatosis with emphasis on their along Blascho's lines.
5 Various deformities in a patient with Hansen's disease and rehabilitation.
6 Pregnancy related dermatoses.
7 Steroids in dermatology.
8 Phototherapy in Dermatology.
9 Genital ulcers.
10 Cutaneous manifestations of Internal malignecies.
11 Cutaneous Fungal Infections.
12 Erythemas.
13 Histoid Leprosy.
14 Use of Dapsone.
15 Mucocutaneous manifestations of HIV infection.
16 Update of cutaneous drug delivary system.
17 Histiocytosis.
18 Basement membrane zone and its disorders.
19 Structure Hair and Hair cycle.
20 Stains in Dermatology.
21 Dermoscope.
22 Cicatricial alopecia.
23 Aetiology and management of Parapsoriasis.
24 Onychomycosis update in management.
25 Cryotherapy in dermatology.
26 Primary cutaneous lesions and Secondary cutaneous lesions.
27 Parapsoriasis clinical features and its management.
28 Histiocytosis – classification, clinical features and its management.
29 Structer of HIV and HART , in detail.
30 Cutaneous Tuberculosis.
31 Interpritation of various diagnostic tools in various stages of Syphilis.
32 Antinuclear antibodies.
33 Annular and figurative erythemas.

34 Psychodermatoses.

35 Perforating dermatoses.

Quiz:

-Quiz, conducted as part of leprosy day observation, as part of IADVL state level competition

Debate- NONE.

Essay writing, NONE.

Field Visits,

Weekly visit to U H C.

When students are posted to adopted UHC, health camps.

Literature review, wall magazines, through journal club, charts on the walls.

List of Dissertations,

1 Dr. Syeda Juwaria Tasneem

A clinical study of dermatological conditions along Blaschoc's line.

2 Dr. Megha. C.

A clinical study of Acrofacial Hypopigmentation.

3 Dr. Amritha Subramaniam

Evaluation of effect of Valciclovir on pain in Herpes Zoster with respect to time of initiation of treatment.

List of Tutorials (Including treatment aspects)-

i) Skin infections(Bacterial-including Leprosy, Fungal and Viral),
ii) Disorders of pigmentation (Melasma Vitiligo),
iii) Allergic diseases (Urticaria, Eczema/Dermatitis),
iv) Hair and its disorders (Alopecia, Hirsutism),
v) Disorders of sebaceous glands (Acne Vulgaris,Rosacea),
vi) Disorders of sweat glands (Hyperhidrosis, Miliaria),
vii) Papulosquamous disorders (Psoriasis, Lichen planus),
viii) Vesiculobullous disorders (Pemphigus, Pemphigoid),
ix) Nutritional & Metabolic disorders (Pellagra,Porphyrias),
x) Sexually transmitted diseases (Syphillus, Gonorrhoea).

Problem Based Learning:

i) Skin Infections (Bacterial, Viral and Fungal).

ii) Papulosquamous Disorders like Psoriasis , Lichen Planus etc.,

List of case based learning, During UG,s clinical posting case based learning is provided.

List of audio-video CDs – .

Self directed learning, Allowing students to examin the patients independently, to do simple intradepartmental investigations.

Home assignments, Given.

Rajarajeswari Medical College , Bangalore.

Continuous Performance Assessment Card.

MBBS (DERMATOLOGY).

Continuous Student Assessment Programme, Dermatology.
M.B.B.S. Course. [CLINICALS -IV & (& THEORY)VIII/IX terms]

Sr. No.	Topic	Grade	Remarks
1	Diseases caused by Nutritional and Environmental Factors.		At present no Assessment Programme is being conducted.
2	Infective Disorders: Bacterial including Leprosy , Viral, Fungal .		
3	Melanocyte, Pigment metabolism, Disorders of Pigmentation.		
4	Allergic Disorders.		
5	Dermatitis and Eczema.		
6	Vesiculobullous Diseases.		
7	Alopecia and Hirsutism.		
8	Structure, Function & Diseases of Sebaceous Glands.		
9	Structure, Function & Diseases of Sweat Glands.		
10	Papulosquamous Diseases : Psoriasis, Lichen Planus.		
11	Sexually Transmitted Diseases.		
12	Dermatological therapy.		

PG log book, Available.

Feed s collected, area for improvement teacher identified, action taken.

7 **Participation of teachers in academic and personal counseling of students**: **Mentorship,**

List of underperformers identified, area for improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. **Details of faculty development programmes and teachers who have been benefited during the past two years** :

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs.
List of title of faculty research , one each compulsory for each teacher teacher with PG and higher qualification.List of PG seminars, as given above.

Conferences conducted,

Conferences attended,

Deputed to other country,

9. Participation / contribution of teachers to aceademic activitiesa including teaching consultancy and research

10. Collaboration with other departments / institutions, at the state, national and international levels, and their out come during past two years.

Linkage and MOU at least two,
Sattelite centers.

11. Priority areas for research and details of the ongoing projects, important and noteworthy

publications of the faculty, during past two years.
Publications of the faculty list-

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

List of Research topic faculty wise

List of ongoing projects.

List of projects completed.

Revenue earned , patents.

Distinguished accomplishments.

International collaboration for research.

Major quipment inputs for research.

12. Placement record of the past students and contribution of the department to aid student Placements.
Alumni association details, meetings
Placement dtails of ALUMNI-

13. Plan of action of the department for the next five years.

	2014-15.	2015-16.	2016-17.	2017-18.	2018-19.
	Get DNB exam centre. Start	Problem Based	Preconference / workshop	Get UG seats	New Paramedical

Courses.	Enrich Courses	Learningin DNB.	Demonstration.	increased to 250.	courses.
T L E	Make teachers to prepare student centric PPTS. All Faculty to be members of National Professional Association. Increase quality and quantity of results.	Use net for teaching. Conductly weekly scientic club. All faculty to attend and present papers. Conduct 2 workshops. Complete annual review. Increase quality and quantity of results.	Live Lectures relay. Student projects, tutorials, group discussions, hands on rexperience. Improve teacher quality by advanced skills. Conduct National workshop. Conduct2-Workshops Complete annual review Increase quality and quantity of results.	TTrain for MCQ PBL, Enrchment courses ,Prove. Improve teacher quality by advanced skills. Conduct 2-Workshops Complete annual review. Increase quality and quantity of results.	Student And Faculty Exchange Atted Cinference With Paper All Faculty Condict 2-Workshops Faculty Development Activitie Increase quality and quantity of results
Administration.	Four Coodinators Committees Of IQAC	Internalise IQAC ,Develop IQAR,PPD	Internalise IQAC ,Develop IQAR,PPD		
Research / Examination.	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College. Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College. Journal
Infrastrctures.	Improve library	Improve library	Improve library quality	Improve library	Improve library

	quality 55-points Improve LABOROTARIES GET EQUIPMENTS Get advanced research equipments Maintain and strengthen ICT – facilities and utilisation	quality 55-points Upgrade Laborotaries Cllibration of equipments TRAIN IN advanced research equipments	55-points Maintain and assess space for ug , pg, paramedical students and faculties Cllibration of equipments Use advanced research equipments facilities for teaching learning Maintain and strengthen ICT –facilities and utilisation	quality 55-points Cllibration of equipments Maintain and strengthen ICT – facilities and utilisation	quality 55-points Cllibration of equipments Maintain and strengthen ICT – facilities and utilization Add on teaching aids
Innovation.	Add on services Establish centre of excellence in	Provide advances in technology in education ,service and research	Get international linkage-for research ,and teaching learning process	Establish centre of excellence in	
Collaborations / Linkages.	Get international linkage-for research ,and teaching learning process	Linkages with villages for services	Linkages with ngo for services and to procure research grants	Participate in national health services schemes	

PSYCHIATRY

Evaluative report of the department ofPsychiatry RRMC, Bangalore

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
DrAmar avale	m	Prof	MD(psy)	Y	karnataka	Ft	
DrSudhir hebbar	m	Prof	DNB(psy)	Y	karnataka	Ft	
Dr Vishnuverdhan	m	Asso prof	MD	N	karnataka	Ft	
Dr Vinod	m	SR	DPM	N	karnataka	Ft	
Dr Asha	f	SR	DPM	N	karnataka	Ft	

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students							
Total PG students							
I year	2						
II year		1					
III year							
Total number of repeaters							
Total Interns							

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes IN THE CURRENT SYLABUS

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given **Not Applicable**

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail

5. Learning resources of the departments - library, computers, laboratories and other resources

List of computer, accessories, software and ICT.

Computer,.

Adult Mannequin for CPR-2, Pediatric Mannequin for CPR – 1, Intubation

Mannequin, Neonatal Intubation, Anatomy of upper airway,

I V Cannula hand, Computer,

OHP,

TV DVD,

LCD Projector,

Equipments:

- Anaesthesia workstations,
- Physiological monitors
- Fluid warmers,
- Nerve stimulator and locators,
- Infusion pumps,
- Syringe pumps,
- PCA pumps,
- Respiratory gas monitoring,
- BIS monitoring etc.
- Ventilator

- Difficulty airway kit
- Difibrillators
- NMJ monitor

- **List of integrated teaching activities**
- **We conduct interdepartmental meeting to conduct this activity. We involve all the pre,paraclinical and clinical departmental PGs and faculty.**
- **Ex.:**
- a)Pheochromocytoma
- b)Jejunalcarcinaoma
- c)Pulmonary embolism

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method,
online nil, Practical teaching yes

Hands on experience,
Quiz- nil
Debate-nil
Essay writing-nil
CE,
Field visits-nil
Literature review wall magazines
List of Dissertation,
List of Tutorials,
PBL,
List of Case Based Learning,
List of Audio and Video CDs
1Neurology for psychiatrists
2 Depression an over view- Focus Media Review
3 Bipolar disorders
4Schizophrenia
Self-directed learning, Home assignments, Skills quota, CPA cards,
PG log book- yes
Feed s collectectd, area for improvement teacher identified action initiated

7. **Participation of teachers in academic and personal counseling of students**: Not Done

-Mentorship-

Name of faculty	
year	**Students allotted**
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

List of PG seminars

Conferences Conducted

Conferences attended,

Deputed to other country,

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

Satellite centers

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research,

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15.	2015-16.	2016-17.	2017-18.	2018-19.
Courses.	Get DNB exam centre. Start Enrich Courses	Problem Based Learningin DNB.	Preconference / workshop Demonstration.	Get UG seats increased to 250.	New Paramedical courses.
T L E	Make teachers to prepare student centric PPTS. All Faculty to be members of National	Use net for teaching. Conductly weekly scientic club.	Live Lectures relay. Student projects, tutorials, group discussions,	TTrain for MCQ PBL, Enrchment courses ,Prove.	Student And Faculty Exchange Atted Cinference

	Professional Association. Increase quality and quantity of results.	All faculty to attend and present papers. Conduct 2 workshops. Complete annual review. Increase quality and quantity of results.	hands on rexperience. Improve teacher quality by advanced skills. Conduct National workshop. Conduct2-Workshops Complete annual review Increase quality and quantity of results.	Improve teacher quality by advanced skills. Conduct 2-Workshops Complete annual review. Increase quality and quantity of results.	With Paper All Faculty Condict 2-Workshops Faculty Development Activitie Increase quality and quantity of results
Administration.	Four Coodinators Committees Of IQAC	Internalise IQAC ,Develop IQAR,PPD	Internalise IQAC ,Develop IQAR,PPD		
Research / Examination.	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College. Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College. Journal
Infrastrctures.	Improve library quality 55-points Improve LABOROTARIES GET EQUIPMENTS Get advanced research	Improve library quality 55-points Upgrade Laborotaries Cllibration of	Improve library quality 55-points Maintain and assess space for ug , pg, paramedical students and	Improve library quality 55-points Cllibration of equipments	Improve library quality 55-points Cllibration of equipments

	equipments Maintain and strengthen ICT – facilities and utilisation	equipments TRAIN IN advanced research equipments	faculties Cllibration of equipments Use advanced research equipments facilities for teaching learning Maintain and strengthen ICT –facilities and utilisation	Maintain and strengthen ICT – facilities and utilisation	Maintain and strengthen ICT – facilities and utilization Add on teaching aids
Innovation.	Add on services Establish centre of excellence in	Provide advances in technology in education ,service and research	Get international linkage-for research ,and teaching learning process	Establish centre of excellence in	
Collaborations / Linkages.	Get international linkage-for research ,and teaching learning process	Linkages with villages for services	Linkages with ngo for services and to procure research grants	Participate in national health services schemes	

SURGERY

Evaluative report of the department of--General Surgery

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr. B.R Saiprasad	**Male**	**Prof & HOD**	**B.sc.MBBS M.S**	**YES**	**Karnataka**	**FT**	**-**
Dr. Revanasiddapp	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	

a							
Dr. Sreekantaiah	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Seshasayi	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**PT**	
DrK. Jaganmaya	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Venkatesh	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Naveen	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Rajashekar	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Hanumanthaiah	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Udaymuddebihal	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. manjula	**Female**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Hariprasad	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Madhushankar	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Nadeempasha	**Male**	**Prof**	**MBBS MS**	**YES**	**Karnataka**	**FT**	
Dr. Bhavana							

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	**F**	**SS**	**OS**	**OC**	**NRI**	**DA**
Name Total .UG students-340							

Total PG students	**Four**	**Twos**					
I year							
II year	**TWO**	**ONE**					
III year	**TWO**	**ONE**					
Total number of repeaters	**NIL**						
Total Interns	**12**						

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
2010	49	47					
2011	47	37					
	68	58					
2012	34	20					
	32	31					
	64	58					

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library, 143
Computers, 3PC
LCD, one
Specialty specific software's nil
Broad band, wifi, nil

Models for teaching, nil

teaching aids, nil

Laboratories, one

Space details,

Major equipments details, Enclosed

Other institution facilities used Nimhans, kidwai institute of onocology

Jayadeva Institute of Cardio thoracic surgery

Mahaveer Jain Institute of Vascular surgeryand other resources

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method,
List of PPT, online, Nil PowerPoint & by way of notes
Practical teaching, Bedside, operation theatre out patient, Endoscopys
List of Student projects, Seminar, clinical PP Presentation seminars
Hands on experience, Major O.T Minor O.T endoscopy, Ward
List of Seminars, U.G & P.G
Quiz,
Debate,
Essay writing,
CE,
Field visits,
Literature review wall magazines
List of Dissertation,
List of Tutorials,
PBL,
List of Case Based Learning,
List of Audio and Video CDs,
Self-directed learning,
Home assignments
Skills quota,
CPA cards,
PG log book
Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	**15**
year	**Students allotted**

	340 III term to 9term
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

List of PG seminars Enclosed

Conferences Conducted

Conferences attended, Dr. Mukesh ASICON 2012 KOLKATTA

Dr. Yasaswni ASICON 2012 KOLKATTA

Dr. Siddharth KSC ASICON 2013 Raichur

Deputed to other country,

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2

Satellite centers

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research**

Distinguished accomplishments,

International collaboration for research,

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-19
Courses	**To increase no. of MS Gen surg PG seats**	**To increase no. of MS Gen surg PG seats**	**Plan to increase the MBBS intake**	**Plan to Increase MBBS Seats**	
TLE	**All Teaching Ppt**	**Use Net For Teaching**	**Live Lectures Relay**	**TTrain For Mcq,**	**Student And Faculty Exchange** **Atted Cinference**

	Student Centric , **Train For** **Viva-Voce,** **Faculty Developme nt Activities** **All faculties avail membershi p of national profession al association** Increase quality and quantity o results	**Cpa Card Intensify,** **Atted Cinference With Paper All Faculty** **Weekly Scienctific Club** **Condict 2-Workshops** **Complete annual review** Increase quality and quantity o results	**Student Projects ,Tutorials, Group** **Discussion. Hands On Expirience,** **Pbl,Enrich ment,Prov e** **Improve Teacher Quality By Advance Skills** **Atted Cinference With Paper All Faculty** **Conduct-National Conferenc e** **Condict2-Workshop s** **Complete annual review** Increase quality and quantity o results	**PPbl,Enric hment,Pro ve** **IImprove Teacher Quality By Advance Skills** **CCondict 2-Workshop s** Iincrease quality and quantity o results	**With Paper All Faculty** **Condict 2-Workshops** **Faculty Development Activitie** Increase quality and quantity o results
Administra tion	**Improve the overall administra tion in the dept.**	**Improve the overall administra tion in the dept.**	**Improve the overall administra tion in the dept.**	**Improve the overall administra tion in the dept.**	**Improve the overall administration in the dept.**

Research/Extension	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Complete Annual Review** **Present Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**
Infrastructures	**Improve library quality** **Improve the no. of OTs OT cases** **Improve OT skills of students Residents by getting latest equipments like harmonic scalpel and 3D endotrainers**	**Improve library quality** **Multiple laproscops, colonoscops, endoscops to replace old ones** **USG for the dept.**	**Improve library quality** **Plan to get ERCP Instrument, trans oesophageal and trans rectal Ultrasound**	**Improve library quality** **Plan to get ERCP Instrument, trans oesophageal and trans rectal Ultrasound**	**Improve library quality** **Plan to get ERCP Instrument, trans oesophageal and trans rectal Ultrasound**
Innovation	**Add on services**	**Provide advances in**	**Get international linkage-**	**Establish centre of excellence**	**Establish centre of excellence in minimally invasive**

	Establish centre of excellence in Minimally invasive surgery	**technology in education ,service and research**	**for research ,and teaching learning process**	**in bariatric surgery**	**solid organ surgery**
Collaborations/ *Linkages*	**Get international linkage- for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with ngo for services and to procure research grants**	**Participate in national health services schemes**	

ORTHOPAEDIC

Evaluative report of the department of ORTHOPAEDICS

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD /
Rajagopalan. N	M	Professor	MS. ORTH, D.ORTH.	Y	Karnataka	FT	N
Dr.Roshan Kumar.B.N.	M	Professor	MS. ORTHO	Y	Karnataka	FT	N
Dr. K.M.Gopinath	M	Associate Professor	MS. ORTHO	N	Karnataka	FT	N
Dr. Kiran K.C.	M	Associate Professor	MS. ORTHO	N	Karnataka	FT	N
Dr.Prashanth	M	Assistant Professor	D.ORTHO D.N.B ORTHO	N	Karnataka	FT	N
Dr.Mahesh	M	Senior Resident	D.ORTHO D.N.B ORTHO	N	Karnataka	FT	N
Dr.Nandakumar	M	Senior Resident	D.ORTHO D.N.B ORTHO	N	Karnataka	FT	N
Dr.Gururaj	M	Senior Resident	MS ORTHO	N	Karnataka	FT	N
Dr.Ramesh	M	Senior Resident	D ORTHO	N	Karnataka	FT	N

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students	150 every year						
Total PG students	2	0					

I year	**1**	**0**					
II year	**1**	**0**					
III year	**0**	**0**					
Total number of repeaters	**NA**						
Total Interns	**6**						

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
For UG Orthopaedics part of surgery and no separate result							
PG started only 2 yrs							

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library, YES

Computers, - 1

LCD, - 1

Specialty specific software's -nil

Broad band, wifi - NO,

Models for teaching,- NO

teaching aids,- NO

Laboratories, NA

Space details,

Major equipments details, - IMAGE INTENSIFIER,

Other institution facilities used - nil

and other resources

List of integrated teaching activities

Interdepartmental meetings for PG Teaching

Multi disciplinary seminars for UGs**.**

List of Major Equipments

Image Intensifier, Arthroscopy system

List of computer, accessories, software,and ICT

One desk top, LCD projector

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method, -Y

List of PPT, online, - N

Practical teaching, - Y

List of Student projects - N,

Hands on experience, - Y

List of Seminars, - N

Quiz,- N

Debate, N

Essay writing- N,

CE, yes

Field visits - NA,

Literature review wall magazines - yes

List of Dissertation, - ongoing

List of Tutorials, Y

PBL, YES

List of Case Based Learning, YES

List of Audio and Video CDs, in the mail library (11)

Self-directed learning, NA

Home assignments - NA

Skills quota, - NA

CPA cards, - NO

PG log book YES

Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship- NIL

Name of faculty	
Year	**Students allotted**
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

THRO ACADEMIC MEETING AND **CONFRENCES**

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

Publications of Dr.Rajagopalan.N., Professor and HOD.

a. A rare case of Hand Injury – a case report, American Journal of Hand January 1975.
b. Benign Fibrous Histiocytoma of the distal radius with congenital dislocation of radial head – a case report. The Journal of Orthopaedic Surgery, Hong Kong, April 2005.
c. The use of qualitative cultures for detecting infection in open tibial fractures. Journal of Orthopaedic Surgery 2008;16(2):175-8.
d. Thiocolchicoside in the treatment of Acute low pain. Asian Jounal of Orthopedics and Rheumatology. Vol 5.No.2, July- September 2008; 21-27.
e. The use of qualitative cultures for detecting infection in open tibial fractures. Journal of Orthopaedic Surgery 2008;16(2):175.
f. **Impact of associated injuries in the Floating knee: A retrospective study;** BMC Musculoskeletal Disorders, Volume 10, issue 1 (2009), p. 7.ISSN: 1471-2474 DOI: 10.1186/1471-2474-10-

4. National publication:
Publications of Dr.Rajagopalan.N., Professor and HOD.

a. Aneurysmal Bone cyst involving multiple bones – a case report – Indian Journal of Cancer
b. Surgical Prophylaxis - Karnataka Orthopedic Association Newsletter 1978
c. Anatomical Considerations of the Pedicles of Lumbar Vertebrae. Indian Journal of Orthopaedics, Vol.34, No.4, October 2000; 256 - 258.
d. Dimensions of the lumbar vertebral canal – Indian Journal of Orthopaedics – Vol 37, No.5, July 2003; 186 -188.
e. Accessory bones of foot. Anatomica Karnataka, Vol 1, No 4, June 2003; 15 -18.

f. The value of serum and urinary n-Telopeptide in the diagnosis of osteoporosis - Indian Journal Of Orthopaedics, Vol 36, No.2, April 2002. 111-114.

g. Thromboprophylaxis in Major Orthopedic Surgery, Indian Journal Of Orthopaedics, April 2003.

h. Biomaterials and Design considerations in Locking Nail. The Kerala Orthopaedic Journal. Vol.21, No.2, January 2008. 9-11.

i. Biomaterials and Design considerations in Locking Nail. Journal of Karnataka Orthopaedic Association. 2009. Vol1, 19-21.

Deputed to other country, nil

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Professional association, activities,

Dr.Rajagopalan –

Memberships of professional Associations:

a. Member, Asian Association of Dynamic Osteosynthesis

b. Member, Asia Pacific Orthopedic Association

c. Life member, World Orthopedic Concern

d. Life member, Indian Orthopedic Association

e. Life member, Shoulder Society of India

f. Life member, Tamil Nadu Orthopaedic Association

g. Life member, Karnataka Orthopaedic Association

h. Life member, Bangalore Orthopaedic Society

i. Life member, Trauma Society of India

j. Life member, National Association of Interlocking Surgeons

k. Life member, Association of Spine Surgeons of India

.

l. Life member, Computer Assisted Orthopedic Surgery, India

m. Life member, Pondicherry Orthopaedic Association

CE- NA

Consultancy Services Provided - NA

Revenue Earned -NA

Books authored - NIL

Mazines articles - MANY

College academic journal articles – mentioned above

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

11. NIL

Linkages-and MOU at least 2

Satellite centers

12. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

List of National Published

Publications of Dr.Rajagopalan.N., Professor and HOD.

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b. Surgical Prophylaxis - Karnataka Orthopedic Association Newsletter 1978

c. Anatomical Considerations of the Pedicles of Lumbar Vertebrae. Indian Journal of Orthopaedics, Vol.34, No.4, October 2000; 256 - 258.
d. Dimensions of the lumbar vertebral canal – Indian Journal of Orthopaedics – Vol 37, No.5, July 2003; 186 -188.
e. Accessory bones of foot. Anatomica Karnataka, Vol 1, No 4, June 2003; 15 -18.
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h. Biomaterials and Design considerations in Locking Nail. The Kerala Orthopaedic Journal. Vol.21, No.2, January 2008. 9-11.
i. Biomaterials and Design considerations in Locking Nail. Journal of Karnataka Orthopaedic Association. 2009. Vol1, 19-21.

List of International Published

Publications of Dr.Rajagopalan.N., Professor and HOD.

a. A rare case of Hand Injury – a case report, American Journal of Hand January 1975.
b. Benign Fibrous Histiocytoma of the distal radius with congenital dislocation of radial head – a case report. The Journal of Orthopaedic Surgery, Hong Kong, April 2005.
c. The use of qualitative cultures for detecting infection in open tibial fractures. Journal of Orthopaedic Surgery 2008;16(2):175-8.
d. Thiocolchicoside in the treatment of Acute low pain. Asian Jounal of Orthopedics and Rheumatology. Vol 5.No.2, July- September 2008; 21-27.
e. The use of qualitative cultures for detecting infection in open tibial fractures. Journal of Orthopaedic Surgery 2008;16(2):175.
f. Impact of associated injuries in the Floating knee: A retrospective study; BMC Musculoskeletal Disorders, Volume 10, issue 1 (2009), p. 7.ISSN: 1471-2474 DOI: 10.1186/1471-2474-10-

g. The floating knee: epidemiology, prognostic indicators & outcome following surgical management. Journal of Trauma Management & Outcomes, Volume 1, issue 1 (2007), p. 2. ISSN: 1752-2897 DOI: 10.1186/1752-2897-1-2

List of National Presented

Dr.Rajagopalan.N., Professor and HOD

a. Has conducted many International and National conferences
b. Delivered more than 300 guest lectures
c. Chaired more than 200 scientific sessions
d. Attended many national and international conferences
e. Faculty for more than 100 Conferences - Trauma, spine, CMEs
f. Presented papers in many national and international conferences

Details of Presentation last year

Faculty, Karnataka Orthopaedic Association Annual Conference, Feb 2013, delivered a talk on “Nailing in Trochanteric Fractures”.
Faculty, Karnataka Orthopaedic Association Annual Conference, Feb 2012, delivered a talk on “SCFE”.
Faculty, National Association of Interlocking Surgeons, Sept 2012, delivered a talk on “Meta Analysis of DHS Vs PFN in Proximal Femur Fractures”.
Faculty, Indian Orthopaedic Association Annual Conference, Dec 2012, delivered 2 talks in the Spine Session and Oncology Session

List of International Presented

nil

List of Scientific Sessions Chaired

List of International Scientific Sessions Chaired

Dr.Rajagopalan.N., Professor and HOD, chaired the session on External Fixation at Delhi, during Asia Pacific Orthopedic Association Annual Conference

List of National Scientific Sessions Chaired

Chaired more than 200 scientific sessions

List of Research Topic Faculty wise

List of On Going Projects

nil

Distinguished accomplishments,

Dr.Rajagopalan.N., Professor and HOD is a Visiting Professor, St. John's Research Institute, Bangalore and Visiting Professor, Tamil Nadu Dr. MGR Medical University, Chennai, INDIA.

Dr.Rajagopalan.N., Professor and HOD is

President, Computer Assisted Orthopedic Surgery- India

International collaboration for research,

13. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

14. Plan of action of the department for the next five years

	2013-14	2014-15	2015-16	2016-17	2017-18
Courses	**MS**	**MS** **PhD**	**MS** **PhD**	**MS** **PhDs** **Fellowship in Subspecialities in Orthopaedics**	**MS** **PhD** **Fellowship in Subspecialities in Orthopaedics**
TLE					
Administration		**To increase the number of beds and number of units**	**To increase the number of beds and number of units**	**To increase the number of beds and number of units**	**To increase the number of beds and number of units**
Research/Extension		**To make one publication and one presentation compulsory for faculty**	**To make one publication and one presentation compulsory for faculty**	**To make one publication and one presentation compulsory for faculty**	**To make one publication and one presentation compulsory for faculty**

Infrastructures	**Early Total Care for Polytrauma**	**Designated Theater for Joint Replacements**	**Computer Aided Surgery**	**To have facility for stem cell transplant in orthopaedic cases**	
Innovation				**Stem cell transplant**	**Stem cell transplant**
Collaborations/ Linkages	**Visiting International Consultants**	**PG teaching programs with International Faculty**			

OPHTHALMOLOGY

Evaluative report of the department of Ophthalmology

1. Faculty profile - adequacy and competency of faculty

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr.Shivakumar. M	M	Prof&HOD	M.S.,DOMS	Yes	Karnataka	FT	
Dr.Kaushal Kumar	M	Prof	M.S.,DOMS	Yes	Karnataka	FT	
Dr. Anupama.K	F	Prof	MS	Yes	Karnataka	FT	
Dr.Appaji Gowda	M	Prof	Ms	Yes	Karnataka		
Dr. Nithisha	F	Asso. Prof	Ms	Yes	Karnataka	FT	
Dr. Ganesha	M	Asst Prof	Ms	Yes	Karnataka		
Dr. Sukanya	F	Senior Resident	DO	Yes	Karnataka	FT	
Dr. Nanda	F	Senior Resident	DO	Yes	Karnataka	FT	

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students							
Total PG students							
I year							
II year							
III year							
Total number of repeaters							
Total Interns							

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

Certificate courses- at least two in your subject **Dr. Nanda - FCE**

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library, Yes
Computers, Yes
LCD, Yes
Specialty specific software's
Broad band, wifi,
Models for teaching,
teaching aids, Yes
Laboratories,
Space details,
Major equipments details,
Other institution facilities used
and other resources

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method, Yes

List of PPT, online, Yes

Practical teaching, Yes

List of Student projects,

Hands on experience,

List of Seminars, Yes

Quiz,

Debate,

Essay writing,

CE,

Field visits,

Literature review wall magazines

List of Dissertation,

List of Tutorials,

PBL,

List of Case Based Learning, Yes

List of Audio and Video CDs, Yes

Self-directed learning, Yes

Home assignments Yes

Skills quota, Yes

CPA cards,

PG log book Yes

Feed s collectectd, area for improvement teacher identified action initiated Yes

7. Participation of teachers in academic and personal counseling of students

-Mentorship- Yes

Name of faculty	
year	Students allotted
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

List of PG seminars Yes

Conferences Conducted

Conferences attended, Yes

Deputed to other country,

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Books authored

Mazines articles Yes

College academic journal articles Yes

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2 Narayana Nethralaya

Satellite centers PHC-3

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research,

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	**Enrichment Courses**	**DNB Sanction Problem Based Learning**	**GIVE DEMO IN preconferenc e Workshop**	**Increase Seats To 250**	**New Paramedical**
TLE	**All Teaching Ppt Student Centric, Train**	**Use Net For Teaching Cpa Card Intensify,**	**Live Lectures Relay Student**	**T Train For Mcq, PPbl,Enrich**	**Student And Faculty Exchange Attend**

	ForViva-Voce,Faculty Development Activities **All faculties avail membership of national professional association** Increase quality and quantity o results	**Attend Conference With Paper All Faculty** **Weekly Scientific Club** **Conduct 2-Workshops** **Complete annual review** Increase quality and quantity o results	**Projects ,Tutorials, Group** **Discussion. Hands-on Experience,** **Pbl,Enrichment,Prove** **Improve Teacher Quality By Advance Skills** **Attend Conference With Paper All Faculty** **Conduct-National Conference** **Condict2-Workshops** **Complete annual review** Increase quality and quantity o results	**ment,Prove** **IImprove Teacher Quality By Advance Skills** **Conduct 2-Workshops** Increase quality and quantity o results	**Conference With Paper All Faculty** **Conduct 2-Workshops** **Faculty Development Activities** Increase quality and quantity o results
Administration	**Four Coordinators** **Committees Of IQAC**	**Internalize** **IQAC ,Develop IQAR,PPD**	**Internalize** **IQAC ,Develop IQAR,PPD**		
Research/Extension	**Complete Annual Review** **Present**	**Complete Annual Review** **Present**	**Complete Annual Review** **Present**	**Complete Annual Review** **Present Papers At**	**Complete Annual Review** **Present**

	Papers At State Conference Of Faculty Research Topics	**Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journals**	**Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal** **Publish Articles In College Journal**	**National Conference Of Faculty Research Topics** **Publish Articles In College Journal**	**Papers At National Conference Of Faculty Research Topics** **Publish Articles In College Journal**
Infrastructures	**Improve library quality 55-points** **Improve LABOROTARIES** **GET EQUIPMENTS** **Maintain and strengthen ICT – facilities and utilization**	**Improve library quality 55-points** **Upgrade Laboratories** **Calibration of equipments Get advanced research equipments** **TRAIN IN advanced research equipments**	**Improve library quality 55-points** **Maintain and assess space for UG , PG paramedical students and faculties** **Calibration of equipments** **use advanced research equipments facilities for teaching learning** **Maintain and strengthen ICT – facilities and utilisation**	**Improve library quality 55-p Calibration of equipments oints** **Maintain and strengthen ICT – facilities and utilization**	**Improve library quality 55-points** **Calibration of equipments** **Maintain and strengthen ICT – facilities and utilization** **Add on teaching aids**

Innovation	**Add on services** **Establish centre of excellence in**	**Provide advances in technology in education ,service and research**	**Get international linkage-for research ,and teaching learning process**	**Establish centre of excellence in**	
Collaborations/ ***Linkages***	**Get international linkage-for research ,and teaching learning process**	**Linkages with villages for services**	**Linkages with ngo or services and to procure research grants**	**Participate in national health services schemes**	

ENT

Evaluative report of the department of OTO RHINO LARYNGOLOGY (ENT & HEAD & NECK)

1. Faculty profile - adequacy and competency of faculty

SL NO	NAME OF THE FACULTY	QUALIFICATION	TEACHING EXPERIENCE	NAME OF THE UNIVERSITY	WHETHER RECOGNIZED BY THE APEX BODY
01	Dr. T.M.Nagaraj (Prof & HOD)	MBBS,MS (ENT)	15 Years	Bangalore University	Yes
02	Dr. Srinivas (Professor)	MBBS,MS (ENT)	14 Years	Bangalore University	Yes
03	Dr. Vijay kumar (Assoc. Professor)	MBBS,MS (ENT)	9 Years	Bangalore University	Yes
04	Dr. Praveen Kumar (Assoc. Professor)	MBBS,MS (ENT)	6 Years	Rajiv Gandhi University	Yes
05	Dr. Vishal Rao (Asst. Professor)	MBBS,MS (ENT) (Fellowship in Head &Neck Oncology) T.M.H Mumbai	4 Years	Rajiv Gandhi University	Yes
06	Dr. Vishwas. K.V (Asst. Professor)	MBBS,MS (ENT),DOHNS(Eng), Fellowship Facial Plastic surgery(UK)	3 Years	Rajiv Gandhi University	Yes
07	Dr. Prashanth. V (Asst. Professor)	MBBS,MS (ENT) (Fellowship in Head &Neck Oncology) Kidwai	3 Years	Rajiv Gandhi University	Yes

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students	Total-130 M :70	F :60					
Total PG students	TWO	ONE					
I year	ONE	ONE	SS				
II year	ONE			OS			
III year	_						
Total number of repeaters	NIL						
Total Interns	56	2 IN ENT DEPARTMENT AT A TIME					

3. **Changes made in the courses or programmes during the past two years and the** contribution of the faculty to those changes

IN THE CURRENT SYLABUS

Contents –topics Added to Theory ENT -	Lasers in ENT, HIV Manifestations in Advanced Implantations in ENT. Advanced Nasal & Anterior skull- Base surgeries.
Contents-topic Added to practical	Case presentation & Bed side clinics. Video demonstration. Clinical case analysis – PPT Teaching. Applied Anatomy through- Dissection demonstrations.
Contents-topics Deleted In practical	NIL

Total marks and change in pattern of examination in both theory and practical.

Total -120 120

Internal assessment
Theory-20 Marks Practicals 20 Marks
Periodic assignments-04
Attendance -03 } Marks divided
Seminars -03

List of problem based learning- at least two in your subject: 2 cases presentation per posting

List of enrichment courses- at least two in your subject: 2 Subject seminars /Posting soft copy stored.

Certificate courses- at least two in your subject: Audiology &Vertigo Clinics

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
2008 2009							
2010 2011							
2012							

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library	113 Books
Computers,	4 P C
LCD,	ONE
Specialty specific software's	provided
Broad band, wifi,	Provided

Models for teaching,	Human Manquins present
Teaching aids,	Pictional, LED, Overhead projector, audio visual Wall mounted charts.
Laboratories,	Ward side
Space details,	13 X 12 ft
Major equipments details,	Enclosed –in OPD & in OT
Other institution facilities used	NIMHANS, KIDWAI INSTITUTE OF ONOCOLOGY
And other resources	Institute of Speech & hearing -MOU Internal –Anatomy, Plastic Surgery, Anaesthesia

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method,	YES
List of PPT, online,	FIVE FACULTY Members with PPT
Practical teaching,	regular –everyday Subject Seminar
List of Student projects,	Seminar, clinical, PP Presentations Seminar assignments daily
Hands on experience,	Manquins, Case presentations
List of Seminars,	UG Programme from 2008-2013
Quiz,	Departmental -monthly
Debate,	Every week
Essay writing,	Two times in each semester
CE,	_
Field visits,	Monthly Camp
Literature review with magazines	Regularly
List of Dissertation,	Three: 1) Turbino plasty / Turbinectomy

2) Endoscopic Myringo plasty
3) Benign Lesions of Auricle

List of Tutorials,	Yes
PBL,	Regular
List of Case Based Learning,	Regular
List of Audio and Video CDs,	Stored yes
Self-directed learning,	Assignments (two or per day for all PG's)
Home assignments	Maintained (being done)
Skills quota,	Monthly, at the end of month Assisting Operation and performing minor Procedures regularly
CPA cards,	
PG log book	Maintained

Feed s collectectd, area for improvement teacher identified action initiated

Monthly meetings held with students and Collaborating with MEU for Improvement

7. Participation of teachers in academic and personal counseling of students

-Mentorship- Followed separately, eg: Academics, Examination, Research, and Cultural.etc.

Mentoring weak performers
Counselling for Academic and non academic including performance in the subject.

Name of faculty	Dr. Srinivas. V
Year 2012-2013	Students allotted VI Semester -76 Students VII Semester- 50 (including Repeaters)
	Minutes and meeting book

8. List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

9. **Details of faculty development programmes and teachers who have been benefited during the past two years**

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs	Regular, Thrice a month-MEU
List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification	Prof & HOD &PG-2 senior MS RGUHS Prof & PG-1ST Year-Two
List of PG seminars	Enclosed
Conferences Conducted	Two
Conferences attended, Yearly-National –One State owned-National	
Deputed to other country,	

10. Participation / contribution of teachers to the academic activities including teaching , consultancy and research

Membership of teachers in University bodies,	
Professional association, activities,Bangalore Branch AOI	
CE	Karnataka" AOI
Consultancy Services Provided	PG HUNT- Entrance –MCQ's –ENT Section
Revenue Earned	Practical Otolaryngology –Head & Neck Surgery
Books authored	yes, Faculty Members

Dr. Vishwas –Chapter on Analysis of Ageing Face

Magazines articles	yes, State/ National /International
College academic journal articles	yes- College Journal

11. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2

Inter departmental meeting	with Surgery Department
Clinico Pathological	With Paediatrics
Meeting –Monthly	With OB & G Department

Satellite centers

12. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments, Faculty achievements.

International collaboration for research,

Leica Microscope, Xomed Microdebridor Zeiss Carl storf Flexible Nasopharyngpscope

13. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

14. Plan of action of the department for the next five years

Year	2013-14
Courses	Fellowship in Head & Neck Oncology Course-2 years
TLE	OSCE Objective Structured Clinical Examination System
Research/Extension	Head ache, Facial pain, and Pressure pain Evaluation System
Innovation	Ondensetron drug usage in refractory tinnitus
Infrastructures	Sleep Lab Equipment
Collaborations/ Linkages	Himalaya drug company –Trial of Septilin drops in neonatal AOM /URI

Year	2014-15
Courses	Laryngectomy Club
TLE	Communication skills in ENT
Research/Extension	Intratympanic Dexa in sudden SNHL Prospective
Innovation	Neosporin Ointment for Epistaxis-Coagulative Property along with Antibacterial effect
Infrastructures	3 chip Camera
Collaborations/ Linkages	University Collaboration Abroad for fellowship/MCH Programs

Year	2015-16
Courses	Cochlear Implant, Subdivision /UNIT
TLE	Online Classes Notes sharing
Research/Extension	Incidence of Thyroid diseases in Muslim population long term 3 year follow up
Innovation	10 % Xylocaine spray for refractory cough to break cough VC injury cycle
Infrastructures	Cost effective Cochlear impact
Collaborations/ Linkages	ICMR / DST Projects for extramural grants

Year	2016-17
Courses	Lateral skull base Surgery division
TLE	Speciality Hospital visits for UG's
Research/Extension	Cadaver Larynx, Septal Cartilage Banking
Innovation	Tissue glue for ear lob and plastic repair of the face
Infrastructures	Stroboscope Purchase
Collaborations/ Linkages	Collaboration with IISC and NCBS on heavy & olfaction research

Year	2017-18
Courses	STROBOSCOPY & IMAGE GUIDING UNIT.
TLE	Computer based Evaluation.
Research/Extension	Setup of tissue lap with support from stem cell companion usage in hearing loss, Anosmia.
Innovation	PIRACETAM usage in acute Vertigo.

Infrastructures	Image guiding system.
Collaborations/ Linkages	Collaborations with Bio-Medical Engineering department, R.V College for design and modification of ENT instruments.

RADIOLOGY

Evaluative report of the department of Radiodiagnosis

1. **Faculty profile - adequacy and competency of faculty -**

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Dr.Pravin	M	Prof. & HOD	MBBS. MD	Y	Karnataka	FT	NA
Dr.Saroja	F	Prof	MBBS. MD	Y	Karnataka	FT	NA
Dr.Javali Ravi Prasad	M	Prof	MBBS. MD	Y	Karnataka	FT	NA
Dr.Munirathna	M	Prof	MBBS MD	Y	Karnataka	FT	NA
Dr.Seetha Pramila	F	Prof	MBBS, DMRD, DNB	Y	Karnataka	FT	NA
Dr. Nagesh M.	M	Asst Prof	MBBS MD	N	Karnataka	FT	NA
Dr.Nabhkumar singh	M	Asst Prof	MBBS MD	N	Karnataka	FT	NA
Dr.Parthasarathy	M	Asst Prof	MBBS MD	N	Karnataka	FT	NA
Dr.Goutham	M	Asst Prof	MBBS MD	N	Karnataka	FT	NA
Dr.Padma	F	Sr.Resident	MBBS, DMRD	N	Karnataka	FT	NA
Dr.Jagatheeshwari	F	Sr.Residenct	MBBS, DMRD	N	Karnataka	FT	NA

2. **Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students	Total - 130 Male -70	60					
Total PG students	Total – 5 Male 5	-					

I year	**2**						
II year	**3**						
III year							
Total number of repeaters							
Total Interns	**2 to 3 at time of postings**						

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes** - NIL

Total marks and change in pattern of examination in both theory and practical.- As Per RGUHS

List of problem based learning-

- IV contrast Reaction
- Delay in transit time of oral contrast

List of enrichment courses- at least two in your subject

- Pediatric first aid - Imagine
- Critical care unit - Imagine

One interaction of students with your subject counterpart in community-details

- Evaluation of cervical incompetence in early pregnency bleeding

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail
NA	NA	NA	NA	NA	NA	NA	NA

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library, - 135 books

Computers,- 4

LCD,- Yes

Specialty specific software's- Available

Broad band, wifi,- Available

Models for teaching – Available – Charts, Films, Bones

teaching aids,- Audio visual, CD's

Laboratories, - Not required

Space details - Attested

Major equipments details,- MRI 1.5T, CT 128 PERSPECTIVE, Ultra sound with Doppler-3, Mammography -1, x-ray machine 5 with 2IITV, Portable ultra sound 2, portable X-ray units -6

Other institution facilities used

and other resources – KIDWAI(ONCOLOGY), NIMHANS(NEUROLOGY), JAYADEVA CARDIOLOGY

6. **Modern teaching methods practiced and use of ICT in teaching – learning**

– learning.

Lecture method, - Audio visual

List of PPT, online, -

I. radiology lines and tubes

2.imaging in urinary tract tuberculosis

3.Bronchopulmonary aspergillosis

4.Breast calcifications

5.Unilateral hyperlucent lung field

6.Understanding of natural natural history of fnh in liver in mri

7.Pulmonary tb of reversal halo

8.Hydrocephalus

9.in workup of g/b does mdct play a

role 10.intracranial cysts

Ii. Bening bone tumors

12.Utility of grey scale usg to differentiate benign from malignant thyroid nodule

13.Myositis ossificans

14.sonography of benign conditions of scrotum

15.adrenal mass imaging with mdct 16.imaging

in spn

17. Role of cervical ultrasonography in primary hyperparathyroidism.

Practical teaching,- Yes

List of Student projects,-

a) Hysterosonosalpingography and Hysterosalpingography in diagnosis of Tubal patency in Infertility patients. Dr Andrew / Dr. Pravin

b) Spleen/Kidney ratio in the assessment of mild Splenomegaly. Dr.Prajwal / Dr. Saroja

c) A study of combination of Mammography and Sono-mammography in evaluating palpable breat masses – Dr. Anuprakash / Dr. Pravin

d) Role of high frequency ultrasonography in the correlative study of thyroid diseases with histopathology report. Dr.Ashwin chandrashekar / Dr.Saroja.

e) Role of MRI as a diagnostic tool in evaluating internal derangements of Knee compared to arthroscopy.Dr.Naresh Nikhil / Dr. Seeta

Hands on experience,- 11 staffs

List of Seminars,-

1.Radiation physics

2.Radiation hazards and protection

3.X- ray imaging

4.Fluoroscopy

5.Physical properties of x- ray film and processing

6.Anatomy of respiratiory system with embryology

7.Film screen radiography

8.imaging in lung and chest wall abnormalities

9. Ultrasoud physics

10.airway disease of lung

11radiology of lines of tubes

12.Radiology urinary tract tb

13.Congenital heart disese

14.Diffuse lung disease

15.imaging in pulmonary infection 16.bronchopulmonary aspergillosis

17.Disorders of stomach and duodenum

18.Diseases of oesophagus

19.Pictoral essay digital colostography

20.Film screen radiography

21.Dark room proceedures

22.Ct physics

23.Diseases of diaphragm

24.Ultrasound physics

Quiz, - Yes

Debate, - Yes

Essay writing,- Yes

CE, - Yes

Field visits,- NA

Literature review wall magazines- Yes

List of Dissertation,-

a) Hysterosonosalpingography and Hysterosalpingography in diagnosis of Tubal patency in Infertility patients. Dr Andrew / Dr. Pravin

b) Spleen/Kidney ratio in the assessment of mild Splenomegaly. Dr.Prajwal / Dr. Saroja

c) A study of combination of Mammography and Sono-mammography in evaluating palpable breat masses – Dr. Anuprakash / Dr. Pravin

d) Role of high frequency ultrasonography in the correlative study of thyroid diseases with histopathology report. Dr.Ashwin chandrashekar / Dr.Saroja.

e) Role of MRI as a diagnostic tool in evaluating internal derangements of Knee compared to arthroscopy.Dr.Naresh Nikhil / Dr. Seeta

List of Tutorials, -

Physical properties of x- ray film and processing
film screen radiography
Radiology of lines of tubes
Film screen radiography

PBL, -

a) IV contrast reaction
b) Delay in transit time of oral contrast

List of Case Based Learning, - Yes

List of Audio and Video CDs,- Yes

Self-directed learning,- Yes

Home assignments- Yes

Skills quota, _ Yes

CPA cards, - NA

PG log book - Yes

Feed s collectectd, area for improvement teacher identified action initiated - Yes

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	Students allotted
Dr.Pravin G U Dr.Seetha	Dr.Anuprakash (1st Year) Dr.Andrew (2nd Year)
Dr.Parthasarathy	Dr.Ashwin (1st Year)
Dr. Raviprasad	Dr.Nikhil (1st Year)
Dr.Saroja	Dr.Prajwal (2nd Year)

Minutes and meeting book- Yes

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs - Yes

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification- Five

List of PG seminars - Yes

Conferences Conducted - One

Conferences attended,- Yes

9. Participation / contribution of teachers to the academic activities including teaching , consultancy and research

Dr.Pravin.G.U, Member board of studies, PG clinical RGUHS.

Professional association, activities, - All Staff are IRIA Members

College academic journal articles – RRMCH Journal

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2

KIDWAI(ONCOLOGY), NIMHANS(NEUROLOGY), JAYADEVA CARDIOLOGY

Satellite centers - Channasandra

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Publications of the faculty –LIST Attached

List of National Published –

a) Case report left sided appendix, Journal of Medical sciences – Dr.Goutam, Dr.Pravin, Dr.Saroja

b) Wunderlich's syndrome – Journal of Medical sciences, Dr.Parathasarathy

List of International Published –

Mullarian Duct Anomaly – American Journal of Radiology (Under review), Dr. Goutam M

List of National Presented –

a) Imaging in polytrauma – Dr.Pravin SEWCON IMAAMS Conference, Davangere

List of International Presented –

a) MRI bone infarcts – Dr.Prajwal, Dr. Pravin, Dr. Parathasarathy (IMSA conference)
b) Metachromatic Leucodystrophy - Dr. Andrew, Dr.Pravin, Dr.Goutam (IMSA conference)

List of Scientific Sessions Chaired - Five

List of International Scientific Sessions Chaired-

Dr.Saroja IMSA, conference 2012

List of National Scientific Sessions Chaired-

a) Four Sessions, IRIA Bangalore – Dr.Saroja

List of Research Topic Faculty wise- Nil

List of On Going Projects

a) Hysterosonosalpingography and Hysterosalpingography in diagnosis of Tubal patency in Infertility patients. Dr Andrew / Dr. Pravin

b) Spleen/Kidney ratio in the assessment of mild Splenomegaly. Dr.Prajwal / Dr. Saroja

c) A study of combination of Mammography and Sono-mammography in evaluating palpable breat masses – Dr. Anuprakash / Dr. Pravin

d) Role of high frequency ultrasonography in the correlative study of thyroid diseases with histopathology report. Dr.Ashwin chandrashekar / Dr.Saroja.

e) Role of MRI as a diagnostic tool in evaluating internal derangements of Knee compared to arthroscopy.Dr.Naresh Nikhil / Dr. Seeta

Distinguished accomplishments, - Dr.Saroja, Felicitated at State IRIA conference 2013.

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2013-14	**2014-15**	**2015-16**	**2016-17**	**2017-18**
Courses	DMRD	Cardio-Radio	Neuro Radiology	Interventional Radiology	Gastrio Radiology
TLE	CME	Conference	Workshop	CME	Conference
Administration					
Research/Extension	Faculty	Faculty	Faculty	Faculty	Faculty
Infrastructures	PACS	Teleradiology	PET Hybrid	Gamma	SPECT
Innovation					
Collaborations/ Linkages	Srilanka	Malaysia	Bangladesh	Singapore	South africa

ANAESTHESIOLOGY

Evaluative report of the department of –ANAESTHESIOLOGY

Anesthesia Department at RRMC Hospital & Research Centre provides anesthesia to a wide variety of surgical patients inside the ten operating rooms. Anesthesia is also provided in MRI suit, where a state of the art MRI compatible anesthesia machineand monitoring is used for safe conduct of the diagnostic test. Sedation and anesthesia is provided in Endoscopy unit for either Gastro- esophageal or pulmonary interventions..

Our practice is as wide based as are the demands for anesthesia requirements in different specialties and varied locations through out the hospital. The department is well equipped with the latest tools to safely conduct anesthesia and sedation. Operating rooms are equipped with most modern anesthesia machines with availabity of invasive monitoring, We are in the process to updating all the older equipment in the operating rooms and the PACU (post anesthesia care unit) to the most modern equipment available.

Wide variety of pain procedures are routinely performed. Acute Pain Service with dedicated pain nurse provides a wide variety of solutions to patients in severe pain

The gastro surgical unit has specialized in the treatment of gastrointestinal &hepatobiliary disorders. The anaesthesiologists provide expert care in major surgeries with advanced hemodynamic monitoring including management of pain with thoracic or lumbar epidural analgesia. They are also trained to provide blocks under ultrasound guidance if needed.

The teams of anaesthesiologists also provide anaesthesia for vascular surgery both for abdominal aortic surgery and peripheral vascular diseases. A large number of procedures for vascular disorders are done under regional limb blocks.

The team also provides anesthesia for a large number of laparoscopic surgeries. The team is trained in fibreoptic intubations and airway management in difficult intubations. Specialized operating tables and equipment is available for this group of patients.

Paediatric Anaesthesia

The anesthesiologists also provide services for pediatric surgical patients. A large number of neonatal surgeries are successfully performed and the patients are looked after in NICU which is equipped with state of the art ventilators and monitoring equipments. A numbers of

laparoscopic surgeries including thoracoscopic procedures are performed and the anesthesiologists are trained in the intra and postoperative ventilatory management of these patients.

Urology

The department of urology performs a large number of surgeries . The centre besides routine prostatic surgery and percutaneous nephrolithotomies handles a large number of renal malignancies and receives a number of referrals for endocrine related surgeries. The anesthesiologists are trained to handle these patients involving laparoscopic procedures .

Anaesthesia for Head and Neck/Plastic and Reconstructive Surgery

Section of Anaesthesia for Head and Neck surgery, onco-surgery, Plastic and reconstructive surgery, podiatry and maxillofacial surgery caters to a wide range of cases.

The cases taken care of under the maxillofacial section consist of major facial trauma, reconstructive and cosmetic surgery in the syndromic patients (neoanate to adults), cleft palate, cleft lip and pure cosmetic procedures in adults (Orthogranthic surgery).

Major head and neck surgeries include surgeries for major cancers of the head and neck region with reconstruction, The plastic surgery section does major cosmetic surgeries, truncal reconstructions, abdominoplasty, major liposuction, brachial plexus surgery and reconstruction following cancer resection as well as traumatic tissue loss.

The Anaesthesiolgists managing this section are highly skilled in managing difficult airway situations, taking care of patients requiring long duration of anaesthesia as well as the post-operative ICU care of the major surgical and trauma patients. Specialized airway equipments like Flexible bronchoscope suited for neonate, children and adult are part of their armamentarium in addition to the other special airway management equipments. They arealso skilled in providing regional anaesthesia for major limb surgeries in patients with high risk factors. A major number of patients coming to the podiatry section belong to ASA grade II and above (the high risk group).

Obstetrics

This is a tertiary referral center that provides a full range of obstetric – related care. Obstetric anaesthesia services are provided round-the- clock, seven days a weekwith two operating rooms with state-of-the-art facilities dedicated exclusively for obstetrics and gynecology. surgeries are performed every day which includes laparoscopic and gynecology cases also.

Patients also receive labour analgesia on request. We provide care for a full range of obstetric – related surgical conditions. Commonly encountered pregnancy – related problems include pre – eclampsia, complex cardiac maternal conditions, prematurity and multiple gestations. An interdisciplinary team that includes neonatologists, Anaesthesiologists and other medical and surgical consultants as needed approach these patients.The Anaesthesiologists give intra operative and post- operative intensive care to the patients.

Critical Care Medicine

The Division of Critical Care Medicine runs a 24 beds. All medical , surgical, burns and respiratory cases needing intensive care are admitted here.Theseincludeendocrinology,internal medicine,neurology, oncology, andgastroenterology, nephrology pulmonology,
trauma,Burns postoperative patients.

Courses Offered

M.D Degree in Anaesthesiology. We also conduct OT Technology (Paramedical) course.

Faculty

The major strength of our department is the people. Our facultyare intensely committed to the training of excellent clinicians.

Goals

Our goals are to continue to expand our involvement and output in research and education through the implementation of a supportive infrastructure and recruitment of residents with a commitment to these areas.

1. **Faculty profile - adequacy and competency of faculty**

Name	Sex	Designation	Qualification	Approved Guide Yes/No	STATE	PT/FT	PhD
Dr.H.Sahajananda	M	Professor & HOD (Anaesthesia)	M.B.B.S M.D	Yes	Karnata-ka	Full Time	-
Dr.S.Rangalakshmi	F	Professor & HOD (Critical Care)	M.B.B.S M.D	Yes	Karnata-ka	Full Time	-
Dr.Venkatesh Murthy	M	Associate Professor	M.B.B.S M.D	Yes	Karnata-ka	Full Time	-

Dr.Maya.D.Nadkar- ni	F	Associate Professor	M.B.B.S D.A M.D	No	Karnataka	Full Time	-
Dr.Soumya.M.J	F	Assistant Professor	M.B.B.S M.D	No	Karnataka	Full Time	-
Dr.Thomas	M	Assistant Professor	M.B.B.S M.D	No	Karnataka	Full Time	-
Dr.ChaitanyaKamat	F	Assistant Professor	M.B.B.S M.D D.A	No	Karnataka	Full Time	-
Dr.Karthik	M	Assistant Professor	M.B.B.S M.D	No	Karnataka	Full Time	-
Dr.Pawan	F	Assistant Professor	M.B.B.S M.D D.A	No	Karnataka	Full Time	-
Dr.SoumyaRohit	F	Assistant Professor	M.B.B.S M.D	No	Karnataka	Full Time	-
Dr.Bhanuprakash	M	Senior Resident	M.B.B.S M.D	No	Karnataka	Full Time	-
Dr.Sudheer	M	Senior Resident	M.B.B.S M.D	No	Karnataka	Full Time	-
Dr.Shashidhar	M	Senior Resident	M.B.B.S M.D	No	Karnataka	Full Time	-

❖ Student profile

Year	Names of PG students admitted		Names of recognized PG teachers against whom the students were admitted.
	Degree	Diploma	
2011-2012	1.Dr.Kavitha N	NA	Dr.S.Rangalakshmi
	2.Dr.Sudhir Rao	NA	Dr.H.Shahajananda
2012-2013	3.Dr.Arati Balakrishnan	NA	Dr.H.Shahajananda
	4.Dr.Rahul.R	NA	Dr.Rangalakshmi
	5.Dr.Hormise Stephen	NA	Dr.H.Shahajananda

Operation Theatres:

	Surgery	Eye	ENT	Ortho.	OBG	Other	Total
AC/Non AC	AC	AC	AC	AC	AC	Emergency-1,	

						Septic -1 Specialty-1 AC	
Numbers:	2	1	1	1	2	1+1+1+2 minor	12
Equipment(s)	List enclosed						
Pre-Anaesthetic Clinic	2						
Post-anaesthetic care area.	2 for male – 2for female						
Resuscitation arrangement (adequate/ non-adequate)	Available						
ICU	MICU & SICU – total 12 beds						
Pain Clinic	Nerve locator Boyle's apparatus, Drugs, register of cases, suction apparatus, PCA pump, syringe pump, multipara monitor, regional block set						
Total Anaesthesia staff	19						

Average No. of cases operated daily:-						Dental	Total
Major	4	2	4	4	4	0 - 2	18 - 20
Minor	15	3	8	8	12	-	46

Central Supply of Oxygen/Suction: Available (Nitrous oxide, Liquid oxygen & suction)

Central Sterilization Dept. Adequate – Horizontal Autoclave, Vertical Autoclave, Rectangle Autoclave, Ultra Sonic Cleaner, Bowel Sterilizer, ETO Sterilizer, Sealing Machine

ICU Facilities

I. ICU

- No. of beds — 6 – MICU, 6 - SICU
- Equipment — List enclosed
- Average bed occupancy — 70 to 80%

II. ICCU

- No. of beds — 0 - 1
- Equipment — List enclosed

- Average bed occupancy 10 – 20%

III. NICU

- No. of Beds 14
- Equipment List enclosed
- Average bed occupancy 70 – 80%

IV. PICU

- No. of beds 06
- Equipment List enclosed
- Average bed occupancy 50 – 60%

Specialty clinics and services being provided by the department: Chronic pain clinic, Pre anesthetic clinic, Acute pain management, Labour Analgesia

. Teaching facilities:

	Number	Size	Sitting capacity
Seminar Rooms	1	50 Sq. ft	30
Demonstration Rooms	1	50 Sq. ft	30

Audiovisual Aids: **Adequate – OHP, LCD, VIDEO, DVD, TV,** DIGITAL CAMERA,

VIDEO CAMERA available.

Departmental Library:

- Total No. of Books. 164
- Purchase of latest editions in last 3 years. 58

Office Accommodation:

- Departmental Office 01
- Space 12 sqmts
- Staff Mrs. Mythili
- Office Space for Teaching Faculty: 78 sqmts

Equipments:

- Anaesthesia workstations, Fluid warmers, Nerve stimulator and locators, Infusion pumps, Syringe pumps, PCA pumps, Respiratory gas monitoring, BIS monitoring etc.

Average Daily Total operations under Anaesthesia:

	Surgery	Eye	ENT	Ortho.	OBG	Other	Total
Major	4	2	4	2	4		18 - 20
Minor	15	3	8	8	12	-	46
Emergency							5
Average daily total operations under Regional Anesthesia							9

Anaesthetic arrangements for:

- Diagnostic Procedures : Sedation given in CT room & MRI
- Monitored anesthetic care : CT Room, MRI & Eye Procedure

  (Bronchographics, Cardiac Catheters)

- Diagnostic and Therapeutic nerve blocks : Brachial plexus, Intercostal, Femoral, SciaticNerve block with Nerve locator and Nerve Mapper Epidural steroids

- Day care surgery and anaesthesia : Day care Anesthesia, short GA, &RegionaBlocks, MAC givenfor various procedure including Electroconvulsive therapy

- ICU/accident, emergency &resuscitation : Extra departmental activities like difficultvenous access, arterial access, resuscitation, central lines, for E R room, wards and dialysis room

- Pain Management : Continuous epidural analgesia, peripheral nerve block continuous analgesia with syringe pump, patients controlled analgesia with PCApump, Labour analgesia being given adjacent tolabour room in minor OT,

Operation Theatres:

- Numbers : 10 Major, 3 Minor O Ts
- Anaesthetic equipments in each theatre : List enclosed
- Lighting arrangement/Air-conditioning : Each table – Two OT lights
- Central supply of O_2, Anaesthetic gases& suction : Present
- Special equipments : Defibrillators ,Multipara Monitors, Difficult airway Kit,,NMJ monitor,, BIS Monitor, Anaesthesia workstations, Fluid warmers, Nerve stimulator,Infusion pumps,Syringe pumps,PCA pumps,Respiratory gas monitoring,

Other Rooms:

- Anaesthetic rooms Pre anesthetic room – 2, Pain Clinic – 1, total 554 sqft, Museum – 1 – 200 sqft, PACU – 3 (800 sqft)

  Number 2

  Size (200 sqft), 3, (200 sqft)
- Preoperative room

  Number 3

  Size 200sqft

Number of beds Male 3

Female 2

- Blood bank and transfusion facilities Available

- Recovery Rooms 3 beds - 20

Number 3

Size No.1 – 800 sqft, 2 – 200 sqft, 3 – 200 sqft

(Number of beds, facilities, equipment available and distance from operation theatres to be provided)

- Staff Room

For Senior staff :51 sqmts

For junior staff :12 sqmts

For Postgraduates:15 sqmts

- Teaching/training room with

Teaching aids – simulators, monitors, Computer, Projector.Adult Mannequin for CPR-2, Pediatric Mannequin for CPR – 1, Intubation Mannequin, Neonatal Intubation, Anatomy of upper airway,I V Canula hand, Computer, OHP, TV DVD, LCD, Digital camera, Video Camera,

Records:

- Anaesthetic and Post-anaesthetic notes & ICU record: Available
- Record of interesting/fatal cases: Available
- Anaesthetic Register: **Available**
- **Informed consent forms**
- **Pain assessment forms**

Teaching Schedule:

Anaesthesiology department imparts education and training to the Medical, Dental and Nursing undergraduates, postgraduate students. Department makes use of the Central

research Laboratory and the available clinical materials in the hospital operation theates to conduct basic and advanced clinical research**.**

In addition to OR table teaching, in the department there are daily hourly sessions of formal teaching per week. The departments teaching schedule is as follows:

- Journal club Once a week
- PG clinical case presentation and discussion Once a week
- PG clinical case presentation and discussion Once a week
- Seminar on specific topics Once a week
- Central session (held in hospital auditorium regarding various topics like CPC, guest lectures, student seminars, grand round, sessions on basic sciences, biostatistics, research methodology, teaching methodology, health economics, medical ethics and legal issues). Once a week
- Departmental Morbidity and mortality meet Once a month
- Intradepartmental meet (with all the staff, Once a month - incharge, residents and faculty to discuss any problems faced)/
- Thesis meet alternating to discuss thesis being done by the trainees/residents. Once a month
- Hospital Morbidity and mortality meet Once a month
- Interdepartmental meet which includes meet with other specialties in the hospital including surgical specialties and allied branches. Once a month

We also stress on Personal Attitudes:

Availability: Punctual, available continuously on duty, respond promptly to calls, takes proper permission for leave.

Sincerity and motivation: Dependable, honest, admits mistakes, does not falsify Information, exhibits good moral values, loyal to institution, has initiative, takes on responsibilities, and exhibits keen desire to learn.

Diligence and performance: Dedicated, hardworking, does not shirk duties, leaves no work pending, does not sit idle, competent in clinical case work up the management (where applicable) skilled in procedures, proficient in record keeping and file work.

Academic ability: Intelligent, shows sound knowledge and skills, participates adequately in academic activities, and performs well in oral presentation and departmental tests.

Inter –personal skills: Has compassionate attitude towards patients, gets on well with colleagues and paramedical staff, respectful to seniors.

Communication skills are taught and expected to practice:

Communicate with patients to obtain consent**Explain** pain management

Discuss nociceptive medication choices, and communicate with other professionals

Transferinformationappropriately.demonstratingethicalbehavior,politenessand punctuality. provides reassurance and show a clean neat appearance

Reassure the patient and allay anxiety.

Recognize that anesthetic equipment comprises anesthesia tool kit.share responsibility for equipment with theatre staff, show commitment to understand as full as possible the working of all anesthetic equipment. maximize safety. and not to compromise it by accenting substandard equipment both as to range and quality.

Prioritize safer first, always

Show vigilance, pay attention to detail and to multirole sources of data continuously. And recognize the need to communicate with colleagues

Respond rapidly to calls for help

Appreciate the needs and behavior of worried and grieving relatives Show calmness under pressure, compassion and kindness when the outcome is poor, and rapidly respond to unrelieved pain.

- **Guest lecture on Dexmedetomidine**
  - Monthly meeting of Bangalore branch of ISA June 2011
  - Group of Anaesthetists from St.John's Medical College, Command Hospital and ESI hospital, July 2011.
  - Conducted workshops on computer simulation in Anaesthesia for better understanding of uptake and distribution of inhalation anaesthetics using Gasman at

1. Hosmat Hospital Bangalore in 2011
2. CARE hospital, Hyderabad in 2011
3. Jubilee mission medical College, Trissur in 2011
4. CME in ISACON 2011, Mumbai.

OBGY & GYNAEC.

Evaluative report of the department of-OBG?

1. **Faculty profile - adequacy and competency of faculty**

Sl:No	Name of The Staff	Designation
1	Dr.Nagarathnamma	Prof & HOD& & Unit Chief –I
2	Dr.Sailakshmi	Professor & Unit Chief –II
3	Dr.Roopakala	Professor& Unit Chief –III
4	Dr.Suhasini	Professor
5	Dr.Kanyakumari	Assoc.Prof
6	Dr.Sarojamma	Assoc.Prof
7	Dr.Nagendra Prasad	Assoc.Prof
8	Dr.Pavanaganga	Asst.Prof
9	Dr.Nirmala	Asst.Prof
10	Dr.Chandana	Asst.Prof
11	Dr.Manorama	Asst.Prof
12	Dr.Rekha	Sr. Resident
13	Dr.Savitha	Sr. Resident
14	Dr.Vishma Shetty	Sr. Resident
15	Dr. Suchithra	Sr. Resident

POSTGRADUATES		
1.	Dr.Sirisha	PG
2.	Dr.Uma Rani	PG
3.	Dr.Sreehari	PG
4.	Dr.Roopalata	PG
5.	Dr.Amitha	PG
6.	Dr.Sindhura	PG

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG studentS 130	**70**	**60**					
Total PG students 6	**1**	**5**					
I year	**0**	**2**					
II year	**1**	**3**					
III year	**-**	**-**					
Total number of repeaters	**-**	**-**					
Total Interns	**56**	**8-9 interns at a time in obg dept**					

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

IN THE CURRENT SYLABUS

Contents-topic Added To practical Case presentation and bed side clinics

Video demonstration

Clinical case analysis- ppt teaching

Clinical procedure demonstration on mannequins

Contents-topics Deleted In practical Nil

Total marks and change in pattern of examination in both theory and practical.

200 200

Internal Assesment Theory 60 Practical 40

List of problem based learning- at least two in your subject 2 case presentations per posting

List of enrichment courses- at least two in your subject 2 Subject seminars per posting

Certificate courses- at least two in your subject Diagnostic laparoscopy course

Diagnostic hysteroscopy course

Colposcopy course

One interaction of students with your subject counterpart in community-details

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given **annex**

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library, 150 books

Computers, 2

LCD, 1

Specialty specific software's Provided

Broad band, wifi, Provided

Models for teaching, Human manniquins present

teaching aids, LED, OHP, Audio-visual, wall mounted charts

Laboratories, Bed side

Space details, 13 x 12 ft

Major equipments details, Enclosed opd & ot annex

Other institution facilities used Kidwai institute of oncology

and other resources Internal Anatomy, paediatric, Anaesthesia, Radiology,

Surgery

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method, Yes

List of PPT, online, Available

Practical teaching, regular every day UG teaching in the morning P G subject seminar in the evening mon - fri

List of Student projects, Seminar assignments weekly

Hands on experience, Manniquin

List of Seminars, U G programme 2008-2013

Quiz, Departmental monthly

Debate, Weekly

Essay writing, Two times in each semester

CE, -

Field visits, monthly camp

Literature review wall magazines regularly

List of Dissertation, Diagnostic Hystero-laparoscopy in primary infertility

Pap smear, VIA, VILLI in dectecting pre cancerous lesions of cervix

Role of Isoxuprine vs nifidepine as tocolytic agents in prevention of preterm labour

Assesment of cervical funelling and short cevix in pregnant woman with threatened pretern labour

Prospective study of umbilical cord coiling index as a marker of perinatal outcome

Fetal safety and duration of first stage of labour with single dose i.v. hyoscine butyl bromide vs i.v. drotavarine hydrochloride

Psychologic distress and psychiatric morbidity in post hysterectomy women

List of Tutorials, Yes

PBL, Regular

List of Case Based Learning, Regular

List of Audio and Video CDs, Yes

Self-directed learning, Assignments 0ne per day for each pg

Home assignments Regular

Skills quota, Assisting major and minor surgeries

Monitoring and conducting labour

CPA cards,

PG log book maintained

Feed s collectectd, area for improvement teacher identified action initiated

Monthly meetings held with students and collaborating with MEU for improvement

7. Participation of teachers in academic and personal counseling of students

-Mentorship- Maintained

Name of faculty	Dr. R Nagarathnamma
Year 2012 - 2013	Students allotted IX semester 48
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs Regular four times a month

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification Dr. R Nagarathnamma - Two PGs

Dr. Sailakshmi - Two PGs

Dr. Rupakala - one PG

Dr Suhasini - one PG

List of PG seminars Enclosed

Conferences Conducted nil

Conferences attended, Yearly one national and one state conference

Deputed to other country, nil

9.Participation / contribution of teachers to the academic activities including teaching , consultancy and research

Membership of teachers in University bodies,

Professional association, activities, IMA membership, BSOG membership, IMSA membership, Oncology society membership,

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2 Kidwai institute of oncology

Satellite centers chennasandra, Itta madu Agara P.H.Cs

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research, nil

Major equipment inputs for research Hysteroscopy and Laparoscopy instruments

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2014-15	2015-16	2016-17	2017-18	2018-2019
Courses	DNB, Certified course in laparoscopy, Exam Centre Basic and advanced laparoscopy	Problem Based Learning in various subjects	GIVE DEMO IN Preconference Workshop	Increase Seats To 250	New Paramedical
TLE	All Teaching Ppt Student Centric , Train For Viva-Voce, Faculty Development Activities All faculties avail membership of national	Use Net For Teaching Cpa Card Intensify, Atted Cinference With Paper All Faculty Weekly Scienctific Club Condict 2-	Live Lectures Relay Student Projects ,Tutorials,Group Discussion. Hands On Expirience, Pbl,Enrichment,Prove Improve Teacher Quality By Advance Skills Atted Cinference With Paper All Faculty Conduct-National	TTrain For Mcq, PPbl,Enrichment,Prove IImprove Teacher Quality By Advance	Student And Faculty Exchange Atted Cinference With Paper All Faculty Condict 2-Workshops Faculty Development Activitie Increase

	professional association Increase quality and quantity o results	Workshops Complete annual review Increase quality and quantity o results	Conference Condict2-Workshops Complete annual review Increase quality and quantity o results	Skills CCondict 2-Worksho ps Iincrease quality and quantity o results	quality and quantity o results
Administration	Four Coodinators Committees Of IQAC	Internalise IQAC ,Develop IQAR,PPD	Internalise IQAC ,Develop IQAR,PPD		
Research/Extension	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College,Nat ional and Internationa l Journals	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal Publish Articles In National and International journals	Complete Annual Review Present Papers At National Conferen ce Of Faculty Research Topics Publish Articles In College Journal	Complete Annual Review Present Papers At National Conference Of Faculty Research Topics Publish Articles In College Journal
Infrastructures	Improve library quality Improve LABOROTA RIES GET	Improve library quality 55-points Upgrade Laborotarie s	Improve library quality 55-points Maintain and assess space for ug , pg, paramedical students and faculties	Improve library quality 55-p Cllibratio n of equipmen	Improve library quality 55-points Cllibration of equipments

	EQUIPMENTS Get advanced research equipments like for robotic surgery , IUI labarotory, IVF centre Maintain and strengthen ICT –facilities and utilisation	Cllibration of equipments TRAIN IN advanced research equipments	Cllibration of equipments use advanced research equipments facilities for teaching learning Maintain and strengthen ICT – facilities and utilisation	ts oints Maintain and strengthen ICT – facilities and utilisation	Maintain and strengthen ICT – facilities and utilization Add on teaching aids
Innovation	Add on services Establish centre of excellence in laparoscopy, gynaec oncology	Provide advances in technology in education ,service and research	Get international linkage-for research ,and teaching learning process IUI labarotory, Semen bank, IVF centre	Establish centre of excellence in Robotic surgery, Gynaec oncology	
Collaborations/ ***Linkages***	Get international linkage-for research ,and teaching learning process	Linkages with villages for services	Linkages with ngo for services and to procure research grants	Participate in national health services schemes	

Pediatric Surgery

EVALUATIVE REPORT OF THE DEPARTMENT –OF

Name of the Dept.-Pediatric surgery

HODDr. Girish.M.L

Man power –the department has Professors-1, Associate Professors--1,Asst. Professors--1,Sr.Residents--0--, with DM/ M.Ch qualification. The other staff include Sr.Residents-,Technical--, Non—Technical STAFF NURSE 6--Ward BoyPEON

Services provided are Education,-service and research

3. Services –

The following is the detail list of services provided by the department

Services

• 24-hour emergency services for children

- Major reconstructive genitourinary surgery for newborn and children

• Pediatric Minimally invasive surgery

• Neonatal surgery.

• Day care surgeries like herniotomies, orchidopexy, circumcisions, thyroglossal cysts, branchial sinus.

• Pediatric Thoracoscopic surgeries & Video Assisted Thoracoscopic Surgery (VATS)

• Vascular malformation surgeries

• Bronchoscopies and Esophageogastroscopies.

• Pediatric Genital Tract Surgery including Hernias

• Pediatric Head and Neck Surgery

• Pediatric Hepatobiliary, Pancreatic & Splenic Surgery

• Pediatric Non-Cardiac Thoracic Surgery including Lung, Trachea and Esophagus

• Pediatric Nutritional and Vascular Access including Central Line, Stoma, Gastrostomy Care

• Pediatric Surgical Critical Care

• Pediatric Surgical Oncology and Solid Tumors

• Pediatric Trauma

• Pediatric endocrine surgery

• Antenatal counselling.

The total number of procedures done since inceptionare approximately 750

The incidence number of each procedure-

Linkages – the department has linkages withhospitals for further teaching, services and research.

The patient population, the equipments are deployed for the research are

Each faculty and learner is carrying research on the topics mentioned below

Faculty name and title of the topics—*Dr. Girish M.L., Dr.Keshav Murthy, Dr.Raghunath--Role of antibiotics in Pediatric clean daycare surgical cases.

Learner name and title of the topics*

Faculty Development Activities

WORKSHOPS CONDUCTED

1. Schedule for the academic year: To start another study on Pediatric surgical work force, a national level survey, to conduct CME programmes, to give regular talks about the speciality in IMA forums.
2. Training program for postgraduate students of the college
3. Training program for faculties of the college
4. Training program for the practicing doctors

Workshops, seminars, conferences, hands on experience attended by the faculties

-- Pediatric Laparoscopic Training course- 2013.

Enrichment courses designed for PG s and faculties-

At least two names to be given

DEPT ASSESSMENT SHEET

	EXISTING	**NEEDED**
Patient Services		
OPD	200 per month	500 per month
Inpatient BEDS	20	50
Nurses existing	6	9
Ward boy existing		
Equipments existing		
Minor ot existing	1	1
Major ot existing	1	1
Exrension existing		
Urban / rural centre existing		
Space		
Faculty	3	
PG		

Dept library	80 books	150 books

SWOC -Analyses	**Describe**
STRENGTHS	
Manpower	Shortage
Doctors	Shortage, need post graduate students
Nondocters	shortage
Space	Less
Equipments	Need more
Services	To be improved
Training	Post graduate training to be started
Programs	
Certificate courses	
AREA FOR IMPROVEMENT	
Manpower	More staff
Doctors	Post graduate students
Nondocters	Need more staff
Space	Need more space
Equipments	Procurement
Services	To reach out to periferies.
Training	More post graduate students needed
Programs	CME programmes.
Certificate courses	
OPPORTUNITIES	
Manpower	
Doctors	
Nondocters	
Space	
Equipments	
Services	
Training	
Programs	
Certificate courses	
CHALLENGES	
Manpower	
Doctors	
Nondocters	
Space	
Equipments	
Services	
Training	

Programs	
Certificate courses	

SUPERSPECIALTY.ASSESSMENT.SHEET

Plastic Surgery

Evaluative report of the department of –PLASTIC SURGERY?

2. Faculty profile - adequacy and competency of faculty

Name	*Sex*	*Designation*	*Qualification*	*Approved Guide Y/N*
DR. PREMA DHANRAJ	F	PROFESSOR & HEAD	B.Sc, MS, MCh PDFBR,CTBS, FACS, FRCS	YES
DR. RAMESH BABU	M	PROFESSOR	MS,MCh, FRCS	YES
Dr Kamal M Kumar		Assoc Prof	MS, MCh	

3. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students							
Total PG students							
I year							
II year							
III year							
Total number of repeaters							
Total Interns							

4. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

IN THE CURRENT SYLABUS

Fact Data Sheet-14. Enrichment courses

Fact Data Sheet-18. List of problem based learning

5. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored theory	Average score theory	%.pass	%.fail

6. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. *library,* - *NO*

Computers, - *NO*

LCD, - *NO*

Specialty specific software's-NO

Broad band, wifi, -*NO*

Models for teaching, *NO*

Teaching aids *NO*

Laboratories, *NO*

Space details, *NO*

Major equipments details,- LIST ENCLOSED

Other institution facilities used NO

and other resources

7. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method,

List of PPT, online,

Practical teaching,

List of Student projects,

Hands on experience,

List of Seminars,

Quiz,

Debate,

Essay writing,

CE,

Field visits,

Literature review wall magazines

List of Dissertation,

List of Tutorials,

PBL,

List of Case Based Learning,

List of Audio and Video CDs,

Self-directed learning,

Home assignments

Skills quota,

CPA cards,

PG log book

Feed s collectectd, area for improvement teacher identified action initiated

8. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
year	*Students allotted*
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

9. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

-1. COMPARING HEALICOLL WITH SCARLET RED AND OPSITE IN THE TREATMENT OF SPLIT THICKNESS SKIN GRAFT DONOR SITE

2. HEALICOLL VS INTEGRA IN THE MANAGEMENT OF BURN WOUNDS-

List of PG seminars

*Conferences Conducted-**IMSACON 2012 BANGALORE***

*Conferences attended,-1**. WOUND COVER 2012 SANFRANCISCO-USA***

2. IMSACON 2012 RRMCH BANGALORE

3. PSYCHOLOGICAL SUPPORT TO THE UNDERPRIVILEGED – WORLD BURN CONGRESS –USA

Deputed to other country,- **USA**

10. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Membership of teachers in University bodies,

Professional association, activities,-

American Burn Association

- Burn Association of India
- National Academy of Burns – India

- Association of Surgeons of India
- Association of Plastic Surgeons of India
- Member of the International Society for Burn Injuries
- Member of American Association of Tissue Bank
- Member of the Indian society of Wound Management
- Member of The Phoenix Society
- Member of the world burn organization
- Member of the Indian medical association
- World burn congress

Books authored-

BOOKS:

. **1. Plastic surgery made easy - Author –**Dr. Prema Dhanraj

. 2. **A Manual on Burns – Author –**Dr Prema Dhanraj

3. Basics In Burns for Nurses – Author Dr Prema Dhanraj

TEXT BOOK CHAPTERS:

. **1. Reconstruction of Burn Scar Contractures of Feet -Functional and Aesthetic Reconstruction of burned patients –P-549 Prema Dhanraj ,Robert McCauley , Published by Taylor & Frances Group-New york , Ed Robert McCauley** 2005

. **2.Skin Grafts – Functional and Aesthetic Reconstruction of burned patients – P105, Prema Dhanraj ,Robert McCauley Published by Taylor & Frances Group-New york , Ed Robert McCauley** 2005

. **3. Management of Pigmentation changes in Burn Patients- Functional and Aesthetic Reconstruction of burned patients – P-157, Prema Dhanraj**

,Robert McCauley Published by Taylor & Frances Group-New york , Ed Robert McCauley 2005

Mazines articles

College academic journal articles

11. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

Satellite centers

12. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,-

2013- SWASTHA BHARAT SAMMAN – FROM HEALTH MINISTER OF INDIA

2011- ICSE- 8TH GRADE BOOK –ONE OF THE THREE "LIVING LEGEND IN THE WORLD"

2009- Recipient of smile train scholarship

2008- Modern Medicare Excellence Awards- India

2006- Rotary club of Vellore district –"FOR THE SAKE OF HONOR AWARD" – India

2006- Rotary club of chennai-Ambatur "TRUIMPH OF HUMAN SPIRIT AWARD- India

2003 – Rotary club of Bangalore – ACHIEVEMENT AWARD- India

2001-COMMUNITY SERVICE AWARD by the South Asian Chamber of Commerce USA

1999 - Traveling Fellowship of the American Burns Association International Exchange Programme USA

1999 - International Society for Burn Injury Traveling Fellowship -USA

1999 - Recipient of the Reconstructive Surgeons Volunteer Program (RSVP) to attend the International Confederation for Plastic, Reconstructive and Aesthetic Surgery Congress-USA

1999 - Selected to complete the American Society of Plastic and Reconstructive Surgeon's Core Curriculum Course in Plastic Surgery, Chicago, Illinois-USA

1998 - Recipient of the National Training Fellowship of Association of Plastic Surgeons of India

1998 - International Scholar for the American Plastic Surgery Educational Foundation Fellowship-USA

1974 – FIRST IN THE BANGALORE UNIVERSITY FOR B.Sc GRADUATE COURSE

International collaboration for research,- ADVANCED BIOTECH –USA CALIFORNIA

13. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

14. Plan of action of the department for the next five years

	2011-12	2012-13	2013-14	2014-15	2015-16
Courses			**MCh PLASTIC SURGERY**	**DIPLOMA IN BURN NURSING**	
TLE					
Administration					
Research/Extension					
Infrastructures					
Innovation					
Collaborations/ *Linkages*					

DM Cardiology

EVALUATIVE REPORT OF THE DEPARTMENT OF CARDIOLOGY

Name of the Dept. - Cardiology

HOD Dr Yogesh K Kothari

Academic Incharge- Dr Venkataramiah H

Man power –the department has Professors one, Associate Professors one, Asst. Professors three-, Sr.Residents one, with DM/ M.Ch qualifification. The other staff include Sr.Residents Two, Technical Three, NonTechnical One, STAFF NURSE Six, Ward Boy three

Services provided are Education,-service and research

Education

The department provides superspeciality advanced tertiary health care education DM Cardiology Of 3 years duration and also has intention in starting program soon for

1. Cardiac technician course (BSc) –3 year course (2 seats)
2. Cardiac nurse course (BSc) –3 year course (six seats)
3. Non invasive fellow ship in cardiology (post MD) (2 Seats)

The curricular content of the DM Cardiology program are

BASIC SUBJECTS

Teaching and attaining proficiency in applied Anatomy (including developmental anatomy), Physiology

and Pathology related to the cardiovascular system.

CLINICAL CARDIOLOGY

Etiopathology, hemodynamics, clinical evaluation, noninvasive and invasive evaluation and management

strategies for the following disorders:

1. Coronary artery disease
2. Rheumatic heart disease

3. Congenital heart disease and other paediatric cardiac disorders
4. Pericardial diseases
5. Cardiac arrhythmias
6. Heart failure
7. Peripheral vascular disorders
8. Pulmonary thromboembolism and pulmonary hypertension
9. Systemic hypertension
10. Systemic diseases involving heart
11. Heart muscle diseases
12. Traumatic heart disease
13. Tumors of heart
14. Genetics, molecular biology and immunology related to cardiology
15. Geriatric heart disease
16. General anaesthesia and non cardiac surgery in patients with heart disease
17. Pregnancy and heart disease
18. Epidemiology and preventive cardiology

Non-invasive Technique

To perform and interpret various non invasive techniques including:

1. Electrocardiography
2. Radiography – routine and specialized areas like CT and MRI
3. Stress testing – tread mill test, stress related and other nuclear techniques
4. Holter monitoring for arrhythmias and ischemic disorders
5. Echocardiography – M-mode, Two dimensional, Doppler, color flow imaging, transesophageal

echocardiography and echo directed hemodynamic studies.

Invasive Cardiology

Experience in cardiac catheterization to calculate and interpret various hemodynamic parameters

Right and left heart cath and coronary angiography procedures in adults and children

To perform temporary pacemaker insertion.

To assist in various interventions including valvuloplasty, coronary and congenital interventions.

Electrophysiology: To interpret electrophysiological data and assist in electrophysiology procedures,

permanent pacemaker implantation.

Biomedical Aspects

To understanding the functional principles of various bio-medical equipments used for the invasive and

non invasive cardiology.

Research Projects

As of now each DM student is completing four research projects during the course.

It is recommended that the number of projects be reduced to two, however at least one of these

projects must be prospective in nature. In addition, one of the projects must be submitted for publication in an indexed journal before submission. Special credit should be given for additional

published case reports, published articles.

The candidate should write two reviews as the topics presented by him on seminars.

Duration of the training programme: 3 years i.e. – 36 months.

The D M exam at the end of 36 months of training

The method of delivery of curriculum are

Academic and Clinical Work Requirements

Journal club readings – minimum of 4 reviews and 6 journal readings

Minimum No. of Procedures

Number of Echo's done — 200

Number of TMT procedures — 100

No. of temporary pacemakers done — 30

Number of Holter analysed — 50

Number of permanent pacemakers assisted or done — 5

Number of cardiac cath procedures including

Interventions assisted or done — 100

(The Head of the department should certify this)

Duration of the study program

Ward + CCU 11 months

Cath Lab 8 months

Echo 4 months

TMT/Holter 4 months

Electrophysiology/pacemaker 2 months

Cardiac Surgery 1 month

Nuclear Cardiology 1 month

Pediatric Cardiology 4 months

3. Services –

The following is the detail list of services provided by the department

1. Electrocardiography
2. Radiography – routine and specialized areas like CT Angiography
3. Stress testing – tread mill test, stress related and other nuclear techniques
4. Holter monitoring for arrhythmias and ischemic disorders
5. Echocardiography – M-mode, Two dimensional, Doppler, color flow imaging, transesophageal

echocardiography and echo directed hemodynamic studies.

6. Invasive Cardiology-Coronary angiography, angioplasty, device implantations, Electrophysiology study and ablations, device closure.

The total number of procedures done since inception are (2 months)

1. Coronary angiography- 49
2. Coronary angioplasties- 08
3. Pacemaker implantation- 01
4. Electrophysiology study- 02

The incidence number of each procedure

Coronary artery disease- 50%

Heart failure- 25%

Congenital Heart disease- 05%

Arrhythmias- 15%

Others- 05%

Linkages of the department has linkages with Cardiac surgery, nephrology, endocrinology, pulmonology, gastroenterology and neurology departments for further teaching, services and research.

The patient population, the equipments are deployed for the research are- portable Echo machines, blood investigations.

Each faculty and learner is carrying research on the topics mentioned below

Faculty name and title of the topics

Dr Yogesh Kothari, Dr Haroon Rashid, Dr Ram Anil Raj- **"IMPROVE BRADY"**

Dr Yogesh Kothari, Dr Haroon Rashid, Dr Ram Anil Raj- **"H-FABP in Acute MI"**

Dr Yogesh Kothari, Dr Haroon Rashid, Dr Ram Anil Raj- **"Tricagelor Vs Clopidogrel post PCI"**

Faculty Development Activities

Faculty attending National and International Cardiac Conferences, EP Workshops.

WORKSHOPS CONDUCTED

1. ECG Workshops
2. International Cardiology Symposium in October 2013
3. Cardiology- Heart Beat Symposium- CMEs

Duties Of Post Graduate Student/ Interns Posted In Cardiology

1. Start the OPD sharp at 9 am and end till 4 30 pm.
2. Should take the ward rounds (general, ICCU, CCU and all reference old) at 8:30 am, 4:45 pm, 8:30pm daily. (inform us about the patient daily)
3. On Sunday – should take the ward rounds in morning and once in night
4. Post the cases for intervention a day before and confirm with us and paste the list in the catheterization lab.
5. Should see all cardiac references and keep a record and discuss with us.

6. All patients (walk-in, referred, cardiology clearance for surgery, pediatric cases) seen in OPD should also have to be registered in cardiology.
7. Should present one case on Monday to us (case discussion will be at 2 pm) and on Friday to
8. Should present a PowerPoint presentation on topic given on Tuesday. (timing will be informed)
9. Should present one interesting ECG on Wednesday to us (ECG discussion will be at 2 pm, timing is adjustable)

Academics for DM student, MBBS student (posted), Anesthesia PG,

Monday: Case presentation (any admitted / opd case for discussion- will be for 30 min duration)

Tuesday: Topic presentation (topics will be informed in advance – a week before, should be in PowerPoint form)

Wednesday: ECG discussion

Thursday: Case Discussion

Friday: Case presentation

Saturday: Nil

Topics to be read and understood during cardiology posting

1. HTN management
2. CAD spectrum diagnosis and management(CSA, ACS, post ACS)
3. Rheumatic heart disease – clinical examination, and management
4. Congenital heart disease – approach
5. Other systemic disease with cardiac involvement.
6. Should be able to do basic Echocardiogram, interpret TMT.

Topics for discussion:

Approach to patient with chest pain

Approach to patient with dyspnoea

Approach to patient with arrhythmia (narrow complex)

Approach to patient with arrhythmia (broad complex tachy)

Approach to patient with Brady arrhythmia

Management of ACS – STEMI (out of hospital, in hospital, at discharge, follow up)

Management of ACS - NTEMI, USA

Approach to Rheumatic heart disease patient

Management of Rheumatic heart disease (MS, MR, AS, AR)

Management of Infective Endocarditic

Approach to Congenital heart disease (acyanotic, cyanotic)

Approach to restrictive heart disease/pericardial disease

Management of Heart disease with pregnancy

Approach for patient posted for surgery for cardiac clearance

Urology -

EVALUATIVE REPORT OF THE DEPARTMENT –OF

Name of the Dept.- UROLOGY

HOD Dr. V. Sreedhar Reddy

Man power –the department has ProfessorsONE, Associate ProfessorsONE,Asst. Professors - ONE,Sr.Residents, with DM/ M.Ch qualifification. The other staff include Sr.Residents-,Technical--, Non—Technical STAFF NURSE --Ward BoyPEON

Services provided are Education,-service and research

Education

The department provides superspeciality advanced tertiary health care education--name of the program-MCh (Urology)- Of -THREEyears durationand also has a program fortraining intechnician andnursing care with an annual sanctioned intake ofONE--number of students and actual filled year wise and program wise are as follows.

The curricular content of the MCh(Urology)-- program are –as per MCI guidelines

The method of delivery of curriculum are

Theory -√, seminars√-

Must know skills , shall observe50, shall assist100, shall perform independently50-- the skills.

The nature of training encompasses training inUROLOGY--equipment operation and a performing the -skills and operation. We provide extra advanced skills in –LAPAROSCOPY & LASER TECHNOLOGY--

the methods of evaluation are –theory, practical & viva-voceon continuous basis throughout the course. During the course he is posted to gain knowledge and skills in-NEPHROLOGY-dept as multidisciplinary skillsin renal failure management

The teaching policy of the department is –to shape the student in safe & optimal patient management as per international standards.

The learner shall complete the following skills quota

1. The number to observe50whatskills

List of skills are **a.** Uroflowmetry

b. ESWL therapy

c. Urodynamic study

d. Cystoscopy

e. URS

f. TURP

g. TURBT

h. PCNL

i. Laparoscopic procedures

j. Reconstructive surgeries

k. TOT surgery

l. Other open surgeries

2. The number to assist--100whatskills

List of skills are- **a.** Uroflowmetry

b. ESWL therapy

c. Urodynamic study

d. Cystoscopy

e. URS

f. TURP

g. TURBT

h. PCNL

i. Laparoscopic procedures

j. Reconstructive surgeries

k. TOT surgery

l. Other open surgeries

3. The number to do -50-whatskills

List of skills are **a.** Uroflowmetry

b. ESWL therapy

c. Urodynamic study

d. Cystoscopy

e. URS

f. TURP

g. TURBT

h. PCNL

i. Laparoscopic procedures

j. Reconstructive surgeries

k. TOT surgery

l. Other open surgeries

Evaluation of learning--total marks--howallottedduration-

Facilities available for teaching the program include are –department library , e-library and multi-media--

Details of number of beds20-provided and their split up the names of the ward are MALE UROLOGY & FEMALE UROLOGY WARDS–

Comprehensive details of The major equipments used for training the learner and for investigation /treating the patients are

a. Endourology equipment

b. Laparoscopy equipment

c. ESWL equipment

d.Urodynamic/Uroflowmetry equipment

e. Laser equipment

The other departments participating in teaching, service and research are—Nephrology, Paedicatric Surgery, gynecology

3. Services –

The following is the detail list of services provided by the department

a. Uroflowmetry

b. ESWL therapy

c. Urodynamic study

d. Cystoscopy

e. URS

f. TURP

g. TURBT

h. PCNL

i. Laparoscopic procedures

j. Reconstructive surgeries

k. TOT surgery

l. Other open surgeries

The total number of procedures done since inceptionare

The incidence number of each procedure

a. Uroflowmetry - 386

b. ESWL therapy-97

c. Urodynamic study -33

d. Cystoscopy-600

e. URS -250

f. TURP -187

g. TURBT -36

h. PCNL -52

i. Laparoscopic procedures -24

j. Reconstructive surgeries -54

k. TOT surgery -33

l. Other open surgeries -194

Linkages – the department has linkages with -RRMCH-hospitals for further teaching, services and research.

The patient population, the equipments are deployed for the research are-rural Bangalore, mobile urology screening vehicles

Each faculty and learner is carrying research on the topics mentioned below

Faculty name and title of the topics—*

Learner name and title of the topics*

Faculty Development Activities

WORKSHOPS CONDUCTED

1. Schedule for the academic year
2. Training program for postgraduate students of the college
3. Training program for faculties of the college
4. Training program for the practicing doctors

Workshops, seminars, conferences, hands on experience attended by the faculties

Dr. L.N. Raju attended conference in China & Korea

Dr. Deepak Bolbandi conducted workshops & clinical meetings for postgraduates

Enrichment courses designed for PG s and faculties-

a. Computer training course planned

b. GCP,EthicalResearch methodology course planned for PGs

At least two names to be given

Physiotherapy

Department of Physiotherapy was established in RajaRajeswari Medical College & Hospital with qualified staff of different Specialties

Our Staff are Proficient at identifying problems and administering appropriate treatment for various diseases of bones and joints, Experience in handling In/out Patients proficiency in performing various manipulations and mobilizations of bones and joints after taking history of the condition and performing physical examinations and other tests.

Physiotherapists of our hospital diagnose, manage, and treat disorders and injuries of the musculoskeletal system including rehabilitation after orthopaedic surgery. Orthopedic therapists are trained in the treatment of post-operative orthopedic procedures, fractures, acute sports injuries, arthritis, sprains, strains back and neck pain, spinal conditions, and amputations.

Joint and spine mobilization/manipulation, therapeutic exercise, neuromuscular reeducation, hot/cold packs,. And electrical muscle stimulation often used to expedite recovery in the orthopedic setting. Additionally an emerging adjunct to diagnosis and treatment is the use of sonograpy for diagnosis and to guide treatments such as muscle retraining. Those who have suffered injury or disease affecting the muscles, bones, ligaments, or tendons will benefit from assessment by a physical therapist specialized in orthopedics.

Pediatric physical therapy assists in early detection of health problems and uses a wide variety of modalities to treat disorders in the pediatric population. These therapists are specialized in the diagnosis, treatment, and management of infants, children, and adolescents with a variety of congenital, developmental, neuromuscular, skeletal, or acquired disorders/diseases. Treatments focus on improving gross and fine motor skills, balance and coordination, strength and endurance as well as cognitive and sensory processing/integration. Children with developmental delays, cerebral palsy, spina bifida, or torticollis may be treated.

Physical therapists can be involved in the care of athletes from recreational to professional and Olympians. This area of practice includes , Injury management, including acute care, treatment and rehabilitation, prevention, and education, physiotherapists of Rajarajeswari Medical College and Hospital are also active in sports medicine programmes.

Neurological physical therapy is a field focused on working with individuals who have a neurological disorder or disease. These include Alzheimer’s disease. Charcot-Mari-Tooth disease (CMT), ALS brain injury, cerebral palsy, I.g.b. syndrome, multiple sclerosis, Parkinson/s conditions include impairments of vision, balance, ambulation, activities of daily living, movement , muscle strength and loss of functional independence.

List of Equipments-Short wave Diathermy, Diagnostic timulator,Infra red lamp, Hot packs unit, Cold Pack unit, Paraffin wax bath, TENS Unit, Continuous Passive Motion, red Mill , Laser, UVR unit, Inferential Unit, Electronic traction, Ultra Sound Therapy, Incentive Spirometry, Parallel with mirror, Wall Bar, Bicycle ergo meter, Treadmill, Stepper, Shoulder wheel , Suspension frame with apparatus, Quadriceps table, Tripod stick, Dumbbells, Pulleys, Weights, Sandbags, Gonimeters ,Reflex Hammer, Blood pr Apparatus, Walkers and Crutches,

Nephrology

DEPARTMENT OF NEPHROLOGY

Dialysis unit at RRMCH was started with the visionary of chairman Sri A C Shanmugam and Rotary International, in collaboration with the ICICI prudential to cater the poor and needy.The department of nephrology was established on 1 July 2011 with installation of 5 high quality dialysis machines and necessary support staff. The unit is well equipped and sufficiently staffed to cater 24X7 days of service. The dialysis unit has facility for isolation of HCV patients .In the month of March 2013 the unit received 5 more machines to commensurate the need. Presently it caters Rural population around the suburban district of Bangalore.

Services offered and number of patients treated at Department of Nephrology.

-Total number of dialysis sessions-5345

-Maintenance hemodialysis-225

- Acute renal failure-250

-Chronic kidney disease screening, prevention of progression and management of subsequent complications-525

-Acute and Critical care hem dialysis-125

- Fluids and electrolyte management-550

-Kidney biopsy-50

-placement of temporary catheters for hemodialysis-75

-Plasmapheresis-2

-hypertensive emergencies-15

-Pediatric Nephrology-55

It is supported by two consultant nephrologists,Dr Vidyashankar P ,MD.DM and Dr Suma Raju MD,AB(USA) who provide out patient care ,in patient care and emergency services

Evaluative report of the department of Nephrology

1. **Faculty profile - adequacy and competency of faculty**

Name	***Sex***	***Designation***	***Qualification***	***Approved Guide Y/N***	***STATE***
Dr. Vidyashankar P	**M**	**Associate Professor**	**MBBS,Dch,DNB,DM in Nephrology(KEM Hospital ,Mumbai)**	**Yes**	**Karnataka**
Dr. Suma Raju	F	Assistant Professor	MBBS,MD American Board of Internal medicine and nephrology Clinical Hypertension Specialist	yes	karnataka

1. **Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

1. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

1. **Trends in the success and dropout rates of students during the past two years**

- Learning resources of the departments - library, computers, laboratories and other resources

-Dept. ***library(List of books enclosed),***

Computers-1,

LCD,

Specialty specific software's

Broad band, wifi,

Models for teaching,

teaching aids,

Laboratories,

Space details,

Major equipments details,

Other institution facilities used

and other resources

- **Modern teaching methods practiced and use of ICT in teaching – learning**

– learning.

Lecture method,

PPT

List of PPT, online,

Hyponatremia

CKD

Hypernatremia

Hyperkalemia

Dialysis complications

Diabetic nephropathy prevention and management

UTI

Nephrotic syndrome

Practical teaching,

Electrolyte abnormalities in acute gastroenteritis

Case based teaching

Bed side interpretation of lab values in ICU

Interpretation of Routine urinalysis

Basic assessment of kidney function

List of Student projects,

Interpretation of Routine urinalysis

Basic assessment of kidney function

Hands on experience,

List of Seminars,

Quiz,

Debate,

Essay writing,

CE,

Field visits,

Literature review wall magazines

List of Dissertation,

List of Tutorials,

PBL,

List of Case Based Learning,

List of Audio and Video CDs,

Self-directed learning,

Home assignments

Skills quota,

CPA cards,

PG log book

Feed s collectectd, area for improvement teacher identified action initiated

- **Participation of teachers in academic and personal counseling of students**

-Mentorship-Not applicable

Name of faculty	
year	***Students allotted***
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

•Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

List of PG seminars

Conferences Conducted

Conferences attended,

Peritineal dialysis/home hemodialysis University ,New port Beach ,California.

American society of transplantation 3 day program ,Dallas ,texas

European dialysis and transplantation,Munich,Paris

American society of Nephrology renal week,San Diego,CA

World congress of Nephrology 2007, Brazil

International society of Organ Transplantation, Kuala Lampur

Indian Society of Nephrology national and zonal

Deputed to other country,

- **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Membership of teachers in University bodies,

American society of Hypertension

American society of nephrology

International society of Nephrology

EDTA member

Indian Society of Nephrology

South Zone ISN

Professional association, activities,

CE

Consultancy Services Provided

Revenue Earned

Books authored

Mazines articles

College academic journal articles

- **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

Satellite centers

- **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

List of Research Topic Faculty wise

Fluid management in critically ill patients

Intracranial hypertension and renal replacement therapy in fulminant hepatic failure

List of On Going Projects

- A Randomized, Placebo-Controlled, Parallel-Group, Double-Blind Study of H.P. Acthar® Gel (Acthar) in Treatment-Resistant Subjects with Persistent Proteinuria and Nephrotic Syndrome due to Idiopathic Membranous Nephropathy (iMN)

List of projects completed

•Arshia Ghaffari, Wanwarat Ananthapanyasut, Abid Rizvi, **Suma Raju**, Eissa Amani, Vito Campese. Treatment of Dialysis Access Site Bleeding with the Syvek Patch. International Society of Blood Purification Meeting, 2010.

Distinguished accomplishments,

Best Nephrology fellow of the year 2010

(University of Southern California ,Los Angeles)

International collaboration for research,

- **Placement record of the past students and the contribution of the department to aid student placements**

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

- **Plan of action of the department for the next five years**

	2011-12	2012-13	2013-14	2014-15	2015-16
Courses			**Work on getting DNB and DM nephrology**		
TLE					
Administration					
Research/Extension			**Need to be able to provide dialysis in the ICU itself**	**Plan to have speciality clinics dedicated to glomelulonephritis/transplant,pediatric ,diabetic nephropathy** **This will help in research purposes and also structured training for future DM candidates.**	
Infrastructures			**develop a transplant program**	**Expand the department and integrate Urology services too**	**To become one of the best kidney urology institut**

					es
Innovation					
Collaborations/ ***Linkages***					

Vascular Surgery

Services

The following is the details list of services provided by the department

1. ANEURYSM SURGERIES
2. VASCULAR MALFORMAEION
3. VASCULAR ACCESS SURGERIES
4. AUTIC NEPHROLOGY
5. PEUPHERAL BY PARES

Workshops, Seminars, Conferences, Hands on experience attended by the faculties

Enrichment courses designed for PG s and faculties-

At least two names to be given

- INDOVASC Conference – Benpalole –March 2013
- Aman Supical congress & work wonder hopon Acutic Oneuryma – SINGAPORE – July 2013
- VSICON – 2012 – JAIPUR – September 2012

Surgical Gastroenterology

Evaluative report of the department of Surgical Gastroenterology

1. **Faculty profile - adequacy and competency of faculty**

Name	Sex	Designation	Qualification	Approved Guide Y/N	STATE	PT/FT	PhD/
Tejeswi S Gutti	Male	Asst. Prof	DNB (GI Surg) FSGE	No	karnataka		

2. **Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students							
Total PG students							
I year							
II year							
III year							
Total number of repeaters							
Total Interns							

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No. Appeared	Total. No. passed	Total. No. failed	Total. Marks scored	Average score	%.pass	%.fail

				theory	theory		

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. library,
Computers,
LCD,
Specialty specific software's
Broad band, wifi,
Models for teaching,
teaching aids,
Laboratories,
Space details,
Major equipments details,
Other institution facilities used
and other resources

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.
Lecture method,
List of PPT,Practical teaching,
List of Student projects,
Hands on experience,
List of Seminars,
Quiz,
Debate,
Essay writing,
CE,
Field visits,
Literature review wall magazines
List of Dissertation,
List of Tutorials,
PBL,
List of Case Based Learning,
List of Audio and Video CDs,
Self-directed learning,

Home assignments
Skills quota,
CPA cards,
PG log book
Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
year	**Students allotted**
	Minutes and meeting book

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

Participation in educational cell through journal clubs

Conferences Conducted

Conferences attended,

Deputed to other country,

9.**Participation / contribution of teachers to the academic activities including teaching , consultancy and research**

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2

Satellite centers

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research,

Major equipment inputs for research

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2011-12	2012-13	2013-14	2014-15	2015-16
Courses					
TLE					
Administration					
Research/Extension					
Infrastructures					
Innovation					
Collaborations/ Linkages					

Dentistry

Evaluative report of the department of ……

1. **Faculty profile - adequacy and competency of faculty -**

Name	*Sex*	*Designation*	*Qualification*	*Approved Guide Y/N*	*STATE*	*PT/FT*	*PhD/*

2. **Student profile – entry level competencies, socioeconomic status, language proficiency etc.,**

	M	**F**	**SS**	**OS**	**OC**	**NRI**	**DA**
Name Total .UG students	**Total - 130 Male -70**	**60**					
Total PG students	**Total – 6 Male 1**	**5**					
I year	**NIL**	**2**					
II year	**1**	**3**					
III year							
Total number of repeaters							
Total Interns	**56**	**8 to 9 interns at a time in OBG dept.**					

3. **Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes**

IN THE CURRENT SYLABUS

4. **Trends in the success and dropout rates of students during the past two years**

Result data of last 5 year annual regular exams to be given

Year of	Total. No.	Total.	Total.	Total.	Average	%.pass	%.fail

exams	Appeared	No. passed	No. failed	Marks scored theory	score theory		

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. ***library,***

Computers,

LCD,

Specialty specific software's

Broad band, wifi,

Models for teaching,

teaching aids,

Laboratories,

Space details,

Major equipments details,

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method,

List of PPT, online,

Practical teaching,

List of Student projects,

Hands on experience,

List of Seminars,

Quiz,

Debate,

Essay writing,

CE,

Field visits,

Literature review wall magazines

List of Dissertation,

List of Tutorials,

PBL,

List of Case Based Learning,

List of Audio and Video CDs,

Self-directed learning,

Home assignments

Skills quota,

CPA cards,

PG log book

Feed s collectectd, area for improvement teacher identified action initiated

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty	
year	***Students allotted***
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. **Details of faculty development programmes and teachers who have been benefited during the past two years**

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List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

List of PG seminars

Conferences Conducted

Conferences attended,

Deputed to other country,

9. **Participation / contribution of teachers to the academic activities including teaching , consultancy and research**

10. **Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years**

Linkages-and MOU at least 2

Satellite centers

11. **Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years**

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Fact Data Sheet-8. Scientific sessions chaired national

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Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Distinguished accomplishments,

International collaboration for research,

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2013-14	2014-15	2015-16	2016-17	2017-18
Courses					
TLE					
Administration					
Research/Extension					
Infrastructures					
Innovation					
Collaborations/ *Linkages*					

PAEDIATRICS

Evaluative report of the department ofpediatrics

1. **Faculty profile - adequacy and competency of faculty**

Name	*Sex*	*Designation*	*Qualification*	*Approved Guide Y/N*	*STATE*	*PT/FT*	*PhD/*
Dr. Adarsh	**M**	**Prof & HOD**	**MBBS, MD, DCH**	**Y**	**Karnataka**	**FT**	
Dr. Prema	**F**	**Prof**	**MBBS, DCH,DNB**	**Y**	**Karnataka**	**FT**	
Dr. Tamil Selvan	**M**	**Prof**	**MBBS, MD**	**Y**	**Karnataka**	**FT**	
Dr.Y Sreekrishna	**M**	**Prof**	**MBBS, MD**	**Y**	**Karnataka**	**FT**	
Dr. Rajneesh K V	**M**	**Associate Prof**	**MBBS Md**	**N**	**Karnataka**	**FT**	
Dr.Sunil	**M**	**Associate Prof**	**MBBS, MD, DNB**	**N**	**Karnataka**	**FT**	
Dr.Sahana	**F**	**Assistant Prof**	**MBBS MD**	**N**	**Karnataka**	**FT**	
Dr.Anupama	**F**	**Assistant Prof**	**MBBS MD**	**N**	**Karnataka**	**FT**	
Dr.Purshotham	**M**	**Assistant Prof**	**MBBS MD**	**N**	**Karnataka**	**FT**	
Dr. Sangeetha	**F**	**Sr. Resident**	**MBBS MD**	**N**	**Karnataka**	**FT**	
Dr.Pratibha N D	**F**	**Sr. Resident**	**MBBS MD**	**N**	**Karnataka**	**FT**	
Dr.Surendra H S	**M**	**Sr. Resident**	**MBBS MD**	**N**	**Karnataka**	**FT**	
Dr.Pavan	**M**	**Sr. Resident**	**MBBS MD**	**N**	**Karnataka**	**FT**	

2. Student profile – entry level competencies, socioeconomic status, language proficiency etc.,

	M	F	SS	OS	OC	NRI	DA
Name Total .UG students-150							
Total PG students							
I year	**02**						
II year	**04**	**03**					
III year							
Total number of repeaters							
Total Interns							

3. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

IN THE CURRENT SYLABUS

Total marks and change in pattern of examination in both theory and practical.- Total 100 marks, no **Change**

List of problem based learning-

1. Protein Energy malnutrition
2. Dengue fever and its complications
3. Malaria and its complications
4. Acute gastro enteritis and management of dehydration and dyselectrolytemias
5. Pediatric HIV Disease burden, management, PPTCT , counselling

List of enrichment courses- at least two in your subject

1. We have daily enrichment courses, PALS, NALS, TOT programmes, perinatal mortality, symposia, mortality and morbidity programmes every month. CPC is also conducted every month.

2. Dr.Prema completed PG diploma in adolescent practice in 2008 and PALS and NALS

3. Regular discussions being conducted in the Dept. for better management and upgradation of knowledge.

4. Dr.Tamil Selvan - Neonatology and basic computer training

5. Dr.Purushotham

a. Workshop in neonatal/ pediatrics advance life seaport

b. Pediatrics & neonatal ventilation

c. NALS course held at Columbia asia hospital, mysrore

d. Workshop on ventilation, held at Saifee hospital, Mumbai.

e. Work shop on research methodology, dec 2012.

6. Dr.Rajnish,Asso.Prof-- Enrichment Courses : NALS, PALS, TOT IAPNRP(NAVJAT SHISHU SURAKHSHA KARYAKRAM)

7. Dr. Sree Krishna, Prof-- NALS, PALS, worked in PICU,NICU abroad in a Tertiary Care Centre.

8. Dr. Prathibha, SR-- PALS, Fellowship in Adolescent Pediatrics from University of Kerala.

9. Dr.Sangeeta, SR—NALS held at St Johns medical college bangalore, PALS held at Bangalore medical college bangalore

10. Dr.Sahana,SR-- PALS,NALS

11. Dr.Sunil.B,Asso.Prof-- NALS,PALS

Certificate courses- at least two in your subject

PALS AND NALS

NALS is conducted once in 6 months through the interns and fresh PG's

GCPI -

One interaction of students with your subject counterpart in community-details

Adolescent care

4. Trends in the success and dropout rates of students during the past two years

Result data of last 5 year annual regular exams to be given

Year of exams	Total. No.	Total.	Total.	Total.	Average	%.pass	%.fail

	Appeared	No. passed	No. failed	Marks scored theory	score theory		
Dec/Jan -2012-13	66	57	09	-	-	86	14
June/July-2012	27	24	03	-	-	89.8	10.2
Jun/July-2011	27	19	08	-	-	70.04	29.6
Dec/Jan -2011-12	66	53	13	-	-	80	20
Dec -2010-11	50	40	10	-	-	80.85	19.15
June/July-2010	27	24	03	-	-	88.8	11.2
Dec/Jan -2010	49	46	03	-	-	93.8	6.2

5. Learning resources of the departments - library, computers, laboratories and other resources

-Dept. *library,- Consists of 150 books*

Dept of Pediatrics 9/7/2012					
Sl No	**Acc No**	**Author**	**Title**	**Ed**	**Ed year**
1	93	Suraj Gupte	Recent Advances Pediatrics	2Ed	1992
2	272	Bradford.C.Lipman	ECG Pocket Guide	1Ed	1990
3	960	F.Ganong	Review Of Medical Physiology	21Ed	2003
4	1259	Macheal Swash	Hutchison's Clinical Methods	21Ed	2002
5	1624	Cotran	Robbins-Pathologic Basis Of Disease	6Ed	2000
6	1647	Joel.G.Hardman	Goodman& Gilman The Pharmacological Basis Therapeutics	17Ed	2004
7	1650	Dorland'S	Illustrated Medical Dictionary	17Ed	2004
8	1683	Behrman	Nelson Review Pediatrics	1Ed	2002
9	2712	Lynn.T.Stahell	Pediatric Orthopedic Secrets	2Ed	2003
10	2715	Lynn.T.Stahell	Pediatric Orthopedic Secrets	2Ed	2003
11	2722	W.H.Abelsan	Residents Hands Book Of Pediatrics	7Ed	1998
12	2771	R.Arvind	Critical Care In Pediatrics	1Ed	2004
13	2785	Anurag Bajpai	Practical Pediatric Endocrinology	1Ed	2003
14	2786	Anurag Bajpai	Practical Pediatric Endocrinology	1Ed	2003
15	2835	Kamalendu Chakrabarti	Pediatric Neurology	1Ed	2003
16	2978	Dipak K.Guha	Neonatal Resuscitation And Beyond	1Ed	2003

17	2982	D.K.Guha	Practical Management Of Critical care Medicine	1Ed	2004
18	2994	Keya Lahiri	Clinical Genetics	1Ed	2005
19	3045	G.P.Mathur	Movement Disorders In Children And Adolescents	1Ed	2003
20	3323	Santhi Ghosh	Know Your Child	1Ed	1988
21	3388	Suraj Gupte	Instructive Case Students In Pediatrics	4Ed	2002
22	3390	Suraj Gupte	Pediatrics Year Book 1993	1Ed	1993
23	3391	Suraj Gupte	Pediatrics Year Book 1993	1Ed	1993
24	3393	Suraj Gupte	Pediatrics Year Book 1994	1Ed	1993
25	3394	Suraj Gupte	Recent Advances In Pediatrics Vol-15	1Ed	2005
26	3396	Suraj Gupte	Recent Advances In Pediatrics Vol-14	1Ed	2005
27	3397	Suraj Gupte	Recent Advances In Pediatrics Vol-14	1Ed	2005
28	3398	Suraj Gupte	Recent Advances In Pediatrics Vol-08	1Ed	2005
29	3401	Suraj Gupte	Recent Advances In Pediatrics Vol-06	1Ed	2005
30	3402	Suraj Gupte	Recent Advances In Pediatrics Vol-07	1Ed	2005
31	3404	Suraj Gupte	Recent Advances In Pediatrics Vol-14	1Ed	2005
32	3405	Suraj Gupte	Recent Advances In Pediatrics Vol-11	1Ed	2005
33	3416	N.Shorab	Manual Of Pediatric Drug Therapy	1Ed	1993
34	3417	N.Shorab	Manual Of Pediatric Drug Therapy	1Ed	1993
35	3507	Nagpal	Pediatric Drug Companion	1Ed	2005
36	3512	B R Nammalwar	Principles & Practice Pediatric Nephrology	1Ed	2004
37	3945	Ronald.S.Itingworth	Normal Child	10Ed	2006
38	3955	Achar	Text Book Of Pediatrics	3Ed	2006
39	3958	Laura E Berk	Child Development	6Ed	2005
40	4090	W Hay	Current Pediatric Diagnosis & Treatment	17Ed	2005
41	4258	Lewis	On Call Pediatrics	1Ed	1998
42	4452	Taeusch	Avery's Diseases Of The Newborn	8Ed	2005
43	4645	Vimlesh Seth	Essentials Of Tuberculosis In Children	3Ed	2006
44	4646	Meharban Singh	Pediatric Clinical Methods	3Ed	2006
45	4648	Illing Worth	Development Of The Infant And Young Child	9Ed	2007
46	4652	Robertson	Harriet Land Hand Book	17Ed	2005
47	4653	Meena P Desai	Pediatric Endocrine Disorders	1Ed	2007
48	4951	N C Joshi	Clinical Pediatrics	1Ed	2007
49	4959	U N Panda	Hand Book Of Pediatrics	1Ed	2008
50	4969	Suraj Gupta	Pediatric Emergencies	2Ed	2008
51	5187	B.Vishnu Bhat	Protein Energy Malnutrition	1Ed	2008
52	5203	Gupte Suraj	Text Book Of Neonatal Emergencies	1Ed	2007
53	5597	A K Datta	Advances In Pediatrics	1Ed	2007
54	6972	K N Agarwal	Pediatrics And Neonatology	2Ed	2008
55	9024	Meharban Singh	Medical Emergencies In Children	4Ed	2007
56	9043	Kliegman	Nelson S Text Book Of Pediatrics Vol -1	18Ed	2005
57	9044	Kliegman	Nelson S Text Book Of Pediatrics Vol -11	18Ed	2005

58	9045	O P Ghai	Essentials Pediatrics	7Ed	2009
59	9058	Baldwa	Legal Problems In Day To Day Pediatric Practice	2Ed	2010
60	9071	N Sathy	Practical Pediatrics	2Ed	2005
61	9083	Santhosh Kumar	Manual Of Pediatric Practice	1Ed	2010
62	9091	K E Elizabath	Nutrition And Child Development	4Ed	2010
63	9106	V S Dani	Handbook Of Practice Pediatrics	2Ed	2007
64	9107	T Datta	Principles Of Pediatrics	1Ed	2010
65	9124	Dipak K Guha	Neonatal Asphyscia Resuscitation And Beyond	2Ed	2008
66	9198	Deepak Marwah	Review Of Pediatrics	1Ed	2006
67	12555	Swaminathan M	Hand Book Of Food & Nutrition's	5Ed	2010
68	12556	Janet M Rennie	Robertson S Text Book Of Neonatology	5Ed	2005
69	12557	Arvind R	Critical Care In Pediatrics	1Ed	2004
70	12558	Suraj Gupta	Differential Diagnosis In Pediatrics	5Ed	2009
71	12559	Aruchamy	Clinical Pediatrics	3Ed	2009
72	12561	Santhosh Kumar K	Hand Book Of Pediatrics	5Ed	2010
73	12562	Meharban Singh	Care Of The New Born	7Ed	2010
74	12563	Neil Mchntosh	For far & Arneils Text Book Of Pediatrics	7Ed	2008
75	12564	Suraj Gupta	Text Book Of Neonatal Emergencies	1Ed	2006
76	12565	Tason W Custer	Harriet Land Hand Book	18Ed	2009
77	12566	Karen Maracdante	Nelson Essentials Of Pediatrics	6Ed	2010
78	12569	Robert H Anderson	Pediatric Cardiology	3Ed	2010
79	12571	Ronald Living Worth	Normal Child	10Ed	2007
80	4948	C Harrison	Oxford Hand Book Of Pediatrics	6Ed	2008
81	6567	Anthony J Alario	Care Of The Pediatric Patient	2Ed	2008
82	9078	Elizabeth	Pedi knots Pediatric Caseins	1Ed	2008
83	9027	Veena Kalra	Practical Pediatric Neurology	2Ed	2008
84	12882	Cassidy James T., Laxer Ronald M., Lindsy Ross E	Text Book of Pediatric Rheumalogy	6	2011
85	12958	Mac Donald Mhairi., Seshia Mary M., Mullet Martha D	Avery's Neonatology: Pathophysiology and Management of the New Born	6	2011
86	10773	M L Kulkarni	Pediatric Cardiology	2Ed	2003
87	11563	Sumit Sinhi	Synopsis Of Pediatric Emergency Care	2Ed	2010
88	11528	Sumit Sinhi	Basic Pediatric Intensive Care	3Ed	2008
89	12876	Suraj Gupte	Recent Advances in Pediatrics Special Volume 20 Nutrition Growth and Development	0	2009
90	3406	Suraj Gupte	Recent Advances In Pediatrics Vol-02	1Ed	2005
91	12982	Gupte Suraj	Recent Advances in Pediatrics Special Vol-19:Developmental and Behavioral Pediatrics	1	2008
92	12869	Suraj Gupte	Recent Advances in Pediatrics-17 Hot Topics	0	2007
93	12868	Suraj Gupte	Recent Advances in Pediatrics-16	0	2006

94	12871	Suraj Gupte	Recent Advances in Pediatrics Special Volume 12 Neonatal Emergencies	0	2003
	Below mentioned 10 books issued on 16/11/2012				
95	6581	Graef	Manual Of Pediatric Therapeutics	7Ed	2008
96	13169	Gupte, Suraj (Ed.,)	Recent advances in pediatrics Vol-13	Vol-13	2003
97	9099	Santhosh Kumar	Manual Of Newborn Care	1Ed	2008
98	12866	Prajapati Baldev	Essential Procedures in Pediatrics	0	2005
99	13051	Suraj Gupte	Recent Advances in Pediatrics Special Vol-17 Adolescence	1Ed	2006
100	13043	Suraj Gupte	Recent Advances in Pediatrics Special Vol-8 Emergency Pediatrics	1Ed	2001
101	13047	Suraj Gupte	Recent Advances in Pediatrics Vol-10 Pulmonology	1Ed	2002
102	12980	Goldbloom Richard B	Pediatric Clinical Skills	4	2011
103	8886	Jay P Goldsmith	Assisted Ventilation Of The Neonate	4Ed	2003
104	12956	Fleisher Gary R., Ludwig Stephen	Textbook of Pediatric Emergency Medicine	6	2010

Computers,-1, LCD,-1, Specialty specific software's - Available

Broad band, wifi,- Available, Models for teaching,- Avaialble

teaching aids,- All audio visual aids -

Major equipments details,-Ventilators, C-PAP, warmers, open care system, incubators, ETCO2 analyser, transcutaneous bilirubinometer, ECG machine, ABG analyser

6. Modern teaching methods practiced and use of ICT in teaching – learning

– learning.

Lecture method,- Diagantic lectures by using PPT presentation, they all terms of MBBS will be taught.

List of PPT, online, -

Practical teaching,-- By doing, case presentations, bedside teaching, ward rounds, grand rounds, teaching them how to handle ventilator, teaching them how to do bone marrow aspirations biopsy etc

List of Student projects, Enclosed

a) Knowledge of doctors regarding ADR reporting at RRMCH

b) Knowledge regarding BCG vaccine in mothers visiting well baby clinic

c) Knowledge regarding optional vaccines in mothers visiting well baby clinic

d) PFT value estimation in children 7-15 years in schools at Ramanagara

Hands on experience, - NICU, PICU skills and various procedures

List of Seminars,Enclosed

Quiz, - UG, PG quiz conducted every year, college level, regional level, zonal level, south zone and national level

Debate, - Regularly debates are conducted for UG & PG students, topics like breast feeding, adolescent girl,

Essay writing,- Newer vaccines in pediatrics, UIP in developing countries

CE,

Field visits,- department will visit anganwadi for assessment of vaccination and nutrition status of the children, school visits done regulary and health camps conducted in rural areas in and around RRMCH.

Literature review wall magazines-

List of Dissertation,

A study of nutritional risk factors and plasma zinc level in children with Acute Lower Respiratory Tract infections.

Dr. Jaiju James Chakola, Dr. Prema R, Dr. H V Shetty, Dr Adarsh E

6.Clinicohaematological profile of nutritional anemia among adolescents in a tertiary care centre.

Dr Harikah PP, Dr. Prema R, Dr Rajaram, Dr Adarsh E

7.Role of serum electrolyte, glucose, calcium, magnesium and zinc as routine investigation in a case of febrile convulsion.

Dr Jeswin Chandrashekar , Dr. Sreekrishna, Dr Adarsh

8.Study of Vitamin D status in children with severe pneumonia and mormal children 1-5yrs.

Dr. Sebastian Paul, Dr. Tamil Selvan, Dr Adarsh

9.Clinical and echocardiographical profile of congenital heart disease in infants at a tertiary care centre.

Dr. Hanumanthu Vishnupriya, Dr Tamil Selvan, Dr Adarsh

10.Clinico-etiological profile of thrombocytopenia in a tertiary care centre.

Dr. Subramanian V, Dr. Adarsh E

11. Study of Vitamin D status in term newborn infants.

Dr. Nandita, Dr. Adarsh

12. Vitamin D status in obese adolescents.

Dr. Karthik, Dr. Prema, Dr. Adarsh E

List of Tutorials, Enclosed

List of Case Based Learning,

Approach to childhood anemia's

Approach to UTI

Approach to fever with rash

Approach to PUO

List of Audio and Video CDs,Enclosed

Education teaching about asthma to parents

Educating children about usage of nebulisation aids

Breath free

Management of nutrition in low birth babies

Aseptic precautions in ICU

Feeding techniques in babies in NICU

Self-directed learning,

Home assignments

Regular assignments has been given to UG / PG students, like bronchiolitis, viral hepatitis, ORS, parentaral elementation, management of CCF.

Skills quota, …….

CPA cards, Enclosed

PG log book

Contains journal club feeds from the faculty, case presentation feed from faculty, seminar feed from the faculty, quarterly assessment of desseration work up and practical theory evaluation done to the PG students will be there.

Assessment of Procedures done by PG will be monitored CPC done by PG will be entered in the log book, CME's attended by PG's.

Feed s collectectd, area for improvement teacher identified action initiated

By doing all assessment we are going to identify the difficult topics for the PG's will be rectified by the teacher.

7. Participation of teachers in academic and personal counseling of students

-Mentorship-

Name of faculty : ***Dr Purshotham*** ***Dr. Sahana*** ***Dr.Nirmala*** ***Dr.Sunil*** ***Dr.Prathibha***	***25 students allotted to each faculty***
year	***Students allotted***
	Minutes and meeting book

List of underperformers identified, AREA FOR improvement recognized, actions taken-identified the topic difficult, special classes,revision,tests,home assignment given,viva and CPA card reviewed, parents informed after review what % passed, and how many referred to Behavioral science department:- Counseling-mentor wise records and personality development sessions,PTA maintained

Topic wise Tutorials conducted & Assignments given & Evaluated.

Parents - Teachers Meeting Conducted for some Students.

8. Details of faculty development programmes and teachers who have been benefited during the past two years

Fact Data Sheet-10. Conferences attended

Fact Data Sheet-11. Conferences /workshops conducted

Fact Data Sheet-2. Faculty Research

All faculties will be attending CME's conducted by various department, they will attend monthly mortility meetings, various symposiums, by attending enrichment programmes conducted by IAP.

Participation in educational cell through journal clubs

List of titles of faculty research, one each compulsory for each teacher with PG and higher qualification

Deputed to other country,

2 faculties has been deputed for enrichment of skills

9. **Participation / contribution of teachers to the academic activities including** teaching , consultancy and research

Dr.Adarsh has been BOS member, senate member, he has been chairman for various commities for inspection of affiliation of medical colleges, nursing colleges, pharmacy colleges, ayurveda colleges, homeopathy colleges and physiotherapy colleges, He is setting question papers to RGUHS for pediatric department. He is an observer for PG, CET cell, also observer for COMEDK, he is examiner for UG & PG for RGUHS, Maharashtra University, Kerala University, Tamil Nadu and Andhra university.

Membership of teachers in University bodies,

Professional association, activities,

CE

Consultancy Services Provided-

1. Dr.Adarsh, Prof & HOD Ped.Education and health services programmes TV 9 five programmes and chandana TV Channels, One more live TV programme penal discussion has been conducted on 08.07.13 on the first three parent Baby could be born in Britain along with Dr. Kamani Rao.
2. We care and cure all children from the age of Zero till 19 years. We provide care to preterm, term, IUGR babies, LBW babies etc.,
3. We give care to babies even from birth weight of 750 gms.
4. These facilities will be provided in our NICU. Our NICU provides care to all the babies upto age of 1 month. Here we do exchange transfusion, ventilator care, C-PAP, parental alimentation, phototherapy, artificial surfactant therapy to preterm babies who need.
5. We do have facilities for Pediatric and neonatal surgery. Certain cases like diaphragmatic hernia, Oesophageal artesian , congnetal, intestinal obstructions and other cases
6. PICU
    - All pediatric emergency cases will be managed eg. Dengue fevers, respiratory failure etc.

- We have ventilator facilities in our PICU.
- Past 2 years we are getting cases of Dengue fevers in almost epidiomological proportions and also we have treated around 125 to 150 cases of dengue fever / suspected dengue fever without any mortality.
- We also manage MLC's cases like attempted suicide, poison cases etc which may required ventilator care

7. Dr.Sreekrishna participated in medical and pediatric camps conducted by various organizations like Datta peetha etc.,

Revenue Earned--

Books authored

1) Dr.Sunil : Bedside application of CPAP

Mazines articles

Dr. Adarsh has been given article to Times of india in Fetus in feto

College academic journal articles

Dr.Adarsh is an chief editor for college magazine

10. Collaboration with other departments/ institutions, at the State, National and International levels, and their outcome during the past two years

Linkages-and MOU at least 2

Satellite centers

11. Priority areas for Research and details of the ongoing projects, important and noteworthy publications of the faculty, during past two years

Fact Data Sheet-2. Faculty Research

Fact Data Sheet-3. International publication

Fact Data Sheet-4. National publication

Fact Data Sheet-5. International presented

Fact Data Sheet-6. National Presented

Fact Data Sheet-7. Scientific sessions chaired international

Fact Data Sheet-8. Scientific sessions chaired national

Fact Data Sheet-16. List of on-going projects

Fact Data Sheet-17. List of projects completed in

Major equipment inputs for research – **Fact Data Sheet-26: central research laboratory**

Publications of the faculty -

International collaboration for research,

Had a collaboration with Nestle research centre placed in Switzerland

Air condition, refrigerator, calibrated weighing machine, deep freezer,and other lab equipments.

12. Placement record of the past students and the contribution of the department to aid student placements

Alumni association of the college is registered and active.

Placement details of aumni-few of them joined post graduate courses, few are aettled in practice. PG batch has not come out

13. Plan of action of the department for the next five years

	2013-14	2014-15	2015-16	2016-17	2017-18
Courses	**Planning to Start Fellowship in Neonatology**	**Planning to Start DM Neonatology**	**DM in endocrinology , ped nuerology and fellowship in Ped dermatololgy**	**Planning to start and convert our dept into child health institute**	
TLE					
Administration					
Research/Extension	**We have to planning to extend our research works and to make it international publications in all sub specialty in ped**				
Infrastructures	**We are planning to start individual**				

	building for child health institute				
Innovation					
Collaborations/ *Linkages*	**With for universities**				

D. Declaration by the Head of the Institution

D. Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) is true to the best of my knowledge. This SSR is prepared by the institution after internal discussions, and No part thereof has beenoutsourced.I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution with seal:

Addl. Medical Director
RajaRajeswari Medical College & Hospital
Kambipura, Bangalore-74.

Place Bangalore
Date 23/7/2013

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Fact Data Sheet-1. Awards

ANATOMY

1. Best teacher award by students of Dr. BR Ambedkar Medical College, Bangalore
2. Best state secretary national award
3. Best local branch president – National award
4. Legendary award by IMA – Delhi state branch
5. Life achievement award
6. Best doctor's day award
7. National award for AAO – GOAN CHALEN programme
8. Peace award by Ramakrishna Mission
9. Golden Man award by the Villagers of AAO – GOAN CHALEN programme
10. Best National medico social – activity award

PHYSIOLOGY

Dr. Vasanth a. Kulkarni.-awards

11. 2011- Dr. Anupama niranjan state government award- for life time achivements in kannada medical literature
12. 2012- B.B.M.P- nadaprabhu kempegowda award- for yoeman services towards medical education and literature

BIOCHEMISTRY

13. Rank Certificate:Dr. Chandrika N has secured I Rank in MD Biochemistry in the examination held by RGUHS in May 201

PHARMACOLOGY

14. Dr.Basavaraj Bhandare – External evaluator for a training programme on **"Public Health Emergencies and Disasters : Preparedness & Response" ,** organized by RRMCH & Health Protection Agency,West Midlands , Birmingham ,U K.
15. Dr. Jyotirmoy Adhikary – 1st Prize for the Paper Presentation
16. International Medical Scientific Association (IMSA) Conference on 3rd and 4th August 2012 at Rajarajeswari Medical College & Hospital , Bangalore
17. **Title of the study** : A Retrospective Study of Pattern of Antimicrobial Prophylaxis and Surgical Site Infection in Abdominal Surgeries in a Tertiary Care Hospital

PATHOLOGY

18. Pathology Intercollegiate Quiz for MBBS Students RGUHS, KCIAPM at SSIMC Davangere on 12th October 2009 – 3rd Prize

GEN. MEDICINE

19. Presented paper on Echocardiographic Evaluation of Diabetic Diastolic dysfunction asymptomatic Type 2 DM patients paper won the 1st prize at (RSSDI conference held on 28th & 29th Aug 2010 at Belgaum)- Dr.Mamatha Patil
20. Presented paper on COPD – Dr.Ajith Kumar at APICON National Conference.

SKIN & VD

Dr. Umashankar:

21. Best paper award-screen dermatoses- a newer occupational hazard among visual display unit workers: MGM award 35th national conference of iadvl, chennai, 2007.
22. Best paper award-effectiveness of topical green tea against staphylococcus , aureus, dermacon 2007.
23. International leagu of dermatologist's society scholorship awarded.
24. Awardediadvl- British association dermatologists 'exchange fellowship-2007.
25. International congress of dermatology scholorship awarded -2009.

Dr. Sapnashree bhaskar:

26. Dr. Mohanthy award for best paper, national iadvl conference Lucknow 2010.

SURGERY

27. Dr. Revanasiddappa-IMA State award
28. Dr. Saiprasad -Lifetime service award(ASICON-2003)
29. Dr. Seshasayi – a.Nadachetana award -2000
    b. Sevashree award-2006
    C.Karnataka ASI life time service awad-2007
30. Dr. O.G. Prakash-Rajyotsavaawad for distinguish service

ORTHOPAEDIC

31. Dr.Rajagopalan.N, Professor and HOD was awarded Life Time Achievement Award in Orthopaedics, by Calicut Orthopaedic Society.
32. Dr.Rajagopalan.N. Professor and HOD was awarded the NAILSCON 2012 Excellency Award by Udaipur Orthopaedic Society.

OPHTHALMOLOGY

33. IN KOS-Best paper award

    Clinical features, investigation, management & outcome of uveitis in neonates & Infants in south India

34. IMSA-2nd price in poster presentation (CSR)

    Topic-central serous Retinopathy (CSR)

E.N.T.

Dr. Vishwas. K.V.

35. Appreciation Award- 1st National Facial plastic surgery Course, Bangalore.
36. BACO Fellowship Awarded by ENT, U.K.

RADIOLOGY

37. Dr.Saroja, Felicitated at State IRIA conference 2013.

ANAESTHESIOLOGY

38. DR.soumya-Received T.N.Jha pain award for the presentation in GISACON – 2008; Ahmadabad.
39. Dr.Chaitanya-Received Bhojaraj prize for standing first in MD examination.

OBGY & GYNAEC.

40. Special prize for paper presentation at KSOGA 2009, Bangalore ; Paper presentation on One step method for screening and diagnosis of gestational Diabetes Mellitus Dr. Chandana.M.P

PAEDIATRICS

41. Dr.Adarsh E, Prof & HOD Pediatrics dept. RRMCH was awarded and felicitated by Vasavi Mahila Sangha in the year 2011. This Sangha selects 5 persons every year who served the society in various fields. Eg. Cinema field, B-services, Education, Health care etc. He has been selected in the field of health services and honored at Town hall, Bangalore in year 2011.
42. Dr.Adarsh E, Prof & HOD Pediatrics dept has been recognized his services and nominated to RGUHS as senate member by honorable governor of Karnataka.
43. Dr.Pavan Kumar has been given second prize in poster presentation in state IAP conference, Hasan 2010.Title - Persistent PPHN in SIBLINGS

Fact Data Sheet-2. Faculty Research

ANATOMY

Dr B Sathyamurthy

1. Palmar dermatoglyphics in type II Diabetes mellitus in a tertiary care hospital.

Dr Balakrishna

2. Coronary sinus anatomy in human cadaveric heart
3. Retrohepatic and post renal segmental variations of inferior venacava

Dr. Shruthi

4. Promonteric positon of appendix and its vasculature
5. Renal artery entrapment by diaphragmmatic crus

Dr Mangala

6. Duodenal diverticulae ampullary type-anatomical study

Dr Deepali

7. Popliteal artery and its variations at termination-anatomical study

Mrs Padmalatha and Miss Reshma

8. Suprascapular notch/Foramen- morphology and metrical analysis

PHYSIOLOGY

9. Evaluation of stress status among MBBS students prior to Internal Assessment examination – Mr. Ganesh Pradhan
10. Pulmonary function tests in patients with statin therapy– Mr. Ganesh Pradhan.

List of ongoing faculty research titles

NAME	TOPIC
Dr. Ranganath M.D. Professor & HOD	11. Effect of exercise on AFT.
DR. M.P. Jayarajan, Professor	12. Cardio respiratory function in first MBBS students over the first three months following admission to Rajarajeswari Medical College, Bangalore.
Dr.Jamuna B.L. Associate Prof	13. Effect of Posture on isometric exercise using handgrip dynamometer in healthy individual and in diabetic patient.
Dr. Rashmi Phadke Assistant professor	14. Effect of formalin exposure on human reaction Time, PFT and AFT in Ist year MBBS students of RRMCH.

Dr. Priyanka Singh Assistant professor	15. Acute effect of Alternate nostril breathing on AFT and HRT.
Dr. Shobhana Sahajanand Tutor	16. Effect of different types of music on AFT.
Mrs. Nishitha Mendonca Tutor	17. Effect of different duration of mobile usage on AFT & HRT.
Mr. Ganesh Pradhan Tutor	18. Effect of caffeine on AFT , PFT& HRT in healthy individuals.
Dr. Gopi Kumar M S PG/Tutor	19. Critical flicker fusion frequency as a clinical tool in assessing the visual outcome after cataract surgery in senile mature cataract patients. 20. Variation in the critical flicker fusion frequency with glycaemic control in type 2 diabetes mellitus patients of Rajarajeswari medical college and hospital.
Dr. Rekha K N PG/Tutor	Effect of premenstrual stress on CFF.
Dr. Shilpa M PG/Tutor	1. Relationship between maternal hemoglobin level and fetal birth weight – A retrospective study. 2. Prevalence of myocardial infarction in ABO Blood groups in RRMCH. 3. Gender differences in short term memory among MBBS students in RRMCH.
Dr. Neelkanth Kote PG/Tutor	1. Association of Type II Diabetes mellitus with ABO blood groups in RRMCH.
Dr. Ujwala Jagdale PG/Tutor	1. Attitude of I year MBBS students to various teaching aids used in Physiology lectures. 2. Retrospective study of Anemia in Reproductive age group in RRMCH.
Dr. Jayasheela PG/Tutor	Association of BMI with HRT.

BIOCHEMISTRY

Dr. H.V. SHETTY, Professor and HOD, Biochemistry

21. "Study of anomalous babies with Neural Tubal Defects and their mothers"
    Journal of Institute of medicine 2011 April; 33:1 49-53
22. "Assessment of different teaching aids and teaching methods for the better perception of biochemistry by 1st MBBS students"
    Journal of Evolution of Medical and Dental Sciences/ Volume1/Issue 6/Dec -2012
23. "Glycemic control modifies the association between microalbuminuria and C-Reactive Protein in type 2 Diabetes mellitus"
    Indian Journal of Clinical Biochemistry, 2007/22(2) 53-59.
24. "Hyper magnesemia in Diabetic end stage renal disease (ESRD) patients"
    Indian Journal of Clinical Biochemistry, 2007/22(2) 53-59.
25. "Free radical and antioxidant status in Rheumatoid arthritis"
    Indian journal of Rheumatology,3(1) 8-12.

Dr. PRIYADHARSHINI K. S., Associate Professor, Biochemistry

26. "Assessment of different teaching aids and teaching methods for the Better perception of biochemistry by 1st MBBS students"
    Journal of Evolution of Medical and Dental Sciences/ Volume 1 / Issue6/ Dec -2012
27. "Study of serum Transaminases in hypothyroidism"
    Journal of Evolution of Medical and Dental Sciences/ Volume 2 / Issue 3/ January 21, 2013 page no 230.

Dr. C.M. BINDU, MD, Associate Professor, Biochemistry

28. Serum Paraoxonase levels in patient with acute liver disease
    Indian Journal of Clinical Biochemistry, 2011/26:230 – 234.
29. "Effect of high blood lead levels on Serum calcium and phosphorus in Patients exposed to lead." Accepted for publication in Issue 3 of year 2013 of Journal of Advance Researches in Biological Sciences.

Dr. CHANDRIKA Asst. Professor of Biochemistry

30. "Comparative study of Serum Ferritin levels after oral supplementation with Ferrous Sulphate and Carbonyl Iron in mild iron deficiency anemia in pregnancy"
    This is published in International journal of Biological and Chemical Sciences. 4(2): 362-370, April 2010.

DEEPTI GUPTA, Assistant Professor, Biochemistry

31. "Study Of Serum Calcium, Magnesium & Urine Microalbumin levels in normal & pre- eclamptic gestation & to compare with non gestational values."
Journal of Evolution of Medical and Dental Sciences/ Volume 1 / Issue 6/ Feb 11 - 2013, pg no 613-618.
32. "Effect of high blood lead levels on Serum calcium and phosphorus in patients exposed to lead."Accepted for publication in Issue 3 of year 2013 of Journal of Advance Researches in Biological Sciences.

PHARMACOLOGY

33. Study of surgical site infections in abdominal surgeries. Journal of Clinical and Diagnostic Research. 2011. Oct. Vol: 5(5). 935-939, Dr.Satyanarayana.V et.al
34. Drug prescribing patterns in upper respiratory tract infections in children aged 1-14 yrs. International journal of Pharma and Biosciences. Vol 3/issue 1/ Jan – Mar 2012 Dr.Meena Sam Ahuja
35. Profile of Drug Utilization among elderly patients attending a Cardiology Clinic in Mangalore, India. Journal of Pharmacy Research. 2010. 3(8). 1835-37. Ratnakar U.P, Shruthi Sadananda et.al
36. Metformin Induced Vit B12 Defieciency – A case report : Dr .Meena
Journal of Health Sciences & Research, Vol 3,no 1,April 2012
37. A study to assess knowledge, attitude and practice of adverse drug reaction reporting among physicians in a tertiary care hospital - Dr. Jyotirmoy Adhikary ,
Dr. Basavaraj Bhandare, Dr. Adarsh E, Dr. Satyanarayana V .
Journal of Evolution of Medical and Dental Sciences/ Volume 2/ Issue 9/ March 4, 2013,1027-1034
38. A retrospective study of pattern of Antimicrobial prophylaxsis and surgical site infection Abdominal Surgeries in a tertiary care hospital : Dr.Basavaraj Bhandare et.al Accepted – Journal of Basic Medical Sciences
39. Nanotechnology – Medical Applications and Hazards : Dr.Satyanarayana.V , Dr.Basavaraj Bandhare,Dr.Jyotirmoy.
Submitted: Journal of Medical Sciences

PATHOLOGY

40. Study of Atherosclerosis in young Adults who died due to violent deaths in South Bangalore – A pilot Study of 10 cases, in Department of Forensic Medicine in collaboration with Department of Pathology, RRMCH, Bangalore. Dr. V.Mahanthachar
41. Clinico -Pathological Profile of Sino-Nasal Masses at Tertiary care centre. Dr. Jyothi A Raj
42. Clinico-Pathological study of Histopathological Profile of Non-Neoplastic lesions of skin with special reference to granulomatous inflammation. Dr. Sharmila.P.S
43. Histopathological profile of unusual findings in Medico- legal Autopsies – An Autopsy study with brief review of Literature. Dr. Shashikala
44. Study of Hyperpigmented lesions – Clinico-Pathological correlation. Dr. Shushan Shwetha Jaykar

MICROBIOLOGY

45. Comparative Lab diagnoses of Malaria by Leishman stain & Acridine orange stain of Peripheral blood smear & ICT. Funded by Institute.
46. Aerobic bacterial & fungal aetiology of chronic suppurative otitis media. Funded by Institute
47. Comparative detection of NS1 antigen by ELISA and Immunochromatography in clinically suspected cases of Dengue virus infection in a teaching Hospital. Funded by Institute
48. Detection of Carbepenamase and Metallo- beta lactamase in clinical isolates of Pseudomonas aeruginosa in a tertiary care centre. Funded by Institute.
49. Screening for nasal carriage of methicillin resistant staphylococcus aureus among health care workers.12/03/2013.
50. Thyroid dysfunction in overweight and obese adolescents: A clinical study to evaluate prevalence of abnormal levels of T_3, T_4, Thyroid Stimulating Hormone(TSH), Thyroglobulin IgG and Thyroperoxidase IgG in overweight and obese adolescents.
51. Staphylococcal species with special reference to methicillin and mupirocin resistance
52. Study on neonatal sepsis with reference to sepsis screening, sepsis score, microbiological profile and sensitivity

FMT

53. Rama nagar district road safety ad injury prevention-Dr.Chandra shekaraiah

54. Thyroid hormonal profile in autopsy cases and its correlation withcases of neck compression-Dr.Pradeep kumar M.V
55. Estimation of stature of and individual by length of clavicle-
56. Dr.Ravi kumar.R

COMMUNITY.MED

Dr. Shashikala Manjunatha:

57. Reproductive Health Assessment of Women in the Urban Field Practice Area of Rajarajeswari Medical College & Hospital.
58. Study of Occupational Hazards among Construction Workers in the Urban Field Practice Area of Rajarajeswari Medical College & Hospital
59. Study of HIV-TB co-morbidity among clients visiting Integrated Counseling & Testing Centre, RRMCH

Dr.Jayanth Kumar.K:

60. To Assess The Prevalence of Dental Fluorosis Among School Children In Rural Field Practice Area of RRMCH

Dr Srividya V:

61. Socio-Demographic Profile of Clients visiting Integrated Counseling & Testing Centre for HIV, RRMCH: A Retrospective Study
62. Study of HIV-TB co-morbidity among Clients visiting Integrated Counseling & Testing Centre, RRMCH

Dr Shyam A C:

63. A study of low birth weight & its risk factors related to Coronary Heart Diseases: A longitudinal study

Dr Damayanthi.M.N:

64. Nutritional anemia among the adolescent girls in Urban field practice area

Dr Usha S:

65. Study of selected risk factors of hypertension among adults in Urban Field Practice Area, RRMCH

GEN. MEDICINE

66. HPA(HypothalamoPitutary Adrenal Axis) in Septicemic Shock
    Dr.Krishna.M.V, Dr.Byrareddy (SerumcortiSol levels)
67. study of proximal femoral neuropathy in Diabetes Mellitus

(ENMG – Based)

Dr.Krishna.M.V, Dr.Byrareddy

68. Relationship of Vit D with obesity & Type-2 DM in post menopausal women (Vit D level)

Dr.Mamatha B Patil

69. The importance of serum procalcitonin&Hs-CRP levels in patients with COPD Excerbations.

Dr.Mamatha B Patil

70. Clinical study of Subclinical Hypothyroidism with reference to TPO-Antibodies
Dr.Mamatha B Patil, Dr.Anilkumar

TB & CHEST

71. Incidence of TB in HIV. A prospective study in RRMCH
72. Study of MDR TB cases in RRMCH.

PSYCHIATRY

Dr Sudhir Hebbar

73. Depression and anxity disorders in acute and chronic tension type headaches: a comparative study

Dr Vishnuverdhan

74. Psychiatric morbidity and socio-demographic profile of suicide attempters

SURGERY

75. Cellulitis- A clinical study at RRMCH- Dr. Venkatesh
76. Obstructive Jaundice –Prospective study of obstructive jaundice at RRMCH- Professor Dr. Seshasayi
77. A study of complicated presentation of groin hernia –Dr. Hariprasad
78. Clinical study of Foot ulcer – Dr. Shashidhar
79. Incidence of Cholelithiasis in Non- Alcoholic Fatty Liver Disease-Dr. Hanumanthaiah
80. Prospective study of complication of Laparoscopic Appendectomy- Dr. Rajashekar
81. Clinical Study of Solitary thyroid nodule- Dr, jaganmaya
82. Study of Prevalance of progressive ischemia in diabetic foot-Dr. Saiprasad.
83. Study of Colonic Carcinoma-Dr. Revanasiddppa.
84. Prospective study of laparoscopic mesh repair for Ventral-Dr. Madhushakar.

ORTHOPAEDIC

85. **Dr.Rajagopalan.N., Professor and HOD, has been** Principal Investigator for 23 clinical trials, including 11 International Multicentric studies and done work on Experimental study on Dogs on Epiphyseal Transplantation.

OPHTHALMOLOGY

86. Visual outcome in unusual presentation of Retro bulbar neuritis –case report
87. Phacoemulsification in a patient with micro cornea with mature cataract with iris coloboma-case report
88. Ocular phthirias mimicking like trachoma-case report

RADIOLOGY

89. Effect of gadolinium contrast on renal function
90. Chest sonography vs chest radiography in pleural pathology
91. TAS vs TVs in ectopic pregnancy.
92. Ct cardiac angio vs conventional coronary angio
93. Peripheral Doppler vs peripheral ct angio.

ANAESTHESIOLOGY

94. Effects of intravenously administered Clonidine on Haemodynamics and Plasma Cortisol response to Laparoscopic Cholecystectomies.
95. Anaesthesia considerations in patients with Situs lnversus posted for laparoscopic cholectystectomy.
96. A case of portal hypertension secondary to non-cirrhotic portal fibrosis posted for Splenectomy with proximal Splenorenalshunt (PSRS)
97. General anaesthesia for a child with Treacher-Collins syndrome.
98. Comparsion of Transdermal Fentanyl, and for post operation pain relief.
99. Increasing tendency for attempted suicide in children below 15 years – a statistical analysis over the last 5 years.
100. Comparsion of post operative pain relief with continous epidural anaesthesia in babies less than 10kg vs conventional methods of analgesia in major abdominal and pelvic surgery.
101. Treatment of with radiculopathy epidural steroid injection vs conventional treatment with traction physiotherapy.

OBGY & GYNAEC.

102. To evaluate the efficacy and safety of iron sucrose injections in pregnancy complicated by iron deficiency anemia: Dr.Savitha
103. Comparison of warm and cold saline contrast media for hysterosalphingography: a prospective randomized study: Dr. Pavanaganga
104. One step method for screening and diagnosis of gestational Diabetes Mellitus Dr. Chandana
105. Study of ovarian tumours :a prospective study at RRMCH: Dr.Rupakala.B.M
106. Outcome of instrumental deliveries: Dr. Manorama
107. Diagnostic value of Risk of malignancy index for ovarian cysts: Dr. Nirmala.C
108. Hysteroscopy in IVF patients: Dr.Nagendra Prasad
109. Ultrasound findings in ectopic pregnancy: Dr.Vishma

DM Cardiology

110. Dr Yogesh Kothari, Dr Haroon Rashid, Dr Ram Anil raj- **“improve brady”**
111. Dr Yogesh Kothari, Dr Haroon Rashid, Dr Ram Anil raj- **“h-fabp in acute mi”**
112. Dr Yogesh Kothari, Dr Haroon Rashid, Dr Ram Anil raj- **“tricagelor vs clopidogrel post pci”**

PAEDIATRICS

113. Dr.Adarsh E, Prof & HOD Pediatrics dept - Completed 8 original researches, Phase III open label study to assess the Immunogenicity and tolerability of Pentavalent DTWP, Hepatitis B and HIB Vaccine in infants.
114. Dr.Rajnish, Associate Prof Pediatrics, Study of correlation between transcutaneous bilrubinometry and serum bilirubin measurements in term neonates.
115. Dr.Sreekrishna, Prof Ped. Faculty research under process
116. Dr.Selvan, Prof Ped. Dengue fever

Fact Data Sheet-3. International publication

ANATOMY

Dr. Shruthi

1. Precaval right renal artery- Anatomica Karnataka
2. Correlation of diameter of main renal artery with that of accessory renal artery- Anatomica Karnataka

Dr. Mangala

3. Acardia Acephalus Twin – A Case Report- Anatomica Karnataka

Dr Bharathi

4. Triangle of Brocq and Mouchet in human cadaveric heart- International organization of scientific research

PHYSIOLOGY

5. M.P. Jayarajan, A. Balasubramanyam and P.S. Shetty.
   Increased Cardiovascular B- Adrenoceptor Responsiveness in Undererweight subjects. Hum Nutr: Clin Nutrition. 1985: 39C: 271 – 277.
   M.P Jayarajan and P.S. Shetty, Cardiovascular B – Bit. J. Nutr. 1987; 58:5 – 11.
6. Mario Vaz, M.P Jayarajan, R.N. Kulakarni, A Balasubramanyam and P.S. Shetty Parasympathetic tone in chronic energy deficient human subjects. Nutr. Res. 1992; 12(4-5): 163-620.
7. M.P Jayarajan and P.S. Shetty, Cardiovascular responses to sustained handgrip in chronically cundesnowrished subjects. Int. J. Food sci Nutr. 1992; 43(1):19-24.
8. Kanavi Roopa Shekharappa, Smilee Johncy S.,Mallikarjin. Correlation between body mass index and cardiovascular parameter in obese and non – obese in different age groups. Int J Biology Med Res. 2011;2(2):551 – 5
9. Kavitha. C, Jamuna B L, Vijaykumar: Pressure response during normal menstrual cycle. Int J Biol Med Res. 2012;3(3):1975-1981.
10. Kavitha. C, Jamuna B L, Vijaykumar: Cardiac chronotropism & sympathovagal balance in young women of reproductive age. Int J Biol Med Res. 2012; 3(4):2313-2318.

BIOCHEMISTRY

11. "comparative study of serum ferritin levels after oral supplementation with ferrous sulphate and carbonyl iron in mild iron deficiency anemia in pregnancy"
12. Dr. Chandrika n. International journal of biological and chemical science. April 2010. 4 (2):362-370

PHARMACOLOGY

13. **Title:** Drug prescribing patterns in upper respiratory tract infections in children aged 1-14 yrs.

    Journal : International journal of Pharma and Biosciences. Vol 3 / issue 1 / Jan – Mar 2012 , **Author :** Dr Meena , Sam Ahuja

PATHOLOGY

14. Accepted for publication in J of International Medical Sciences Academy
    Primary Fallopian tube Carcinoma – Case report and Review of Literature
    Dr. Jyothi A Raj, Dr. Sharmila.S.P, Dr. Usha Ramachandra.

MICROBIOLOGY

15. S. Sangeetha, p. Seema & m. Damayanthi: enzyme linked immunosorbent assay and immunochromatography in the evaluation of anti- rubella antibodies. The internet journal of microbiology. 2012 volume 10 issue 1

FMT

16. Sudden death due to Eagle's syndrome- A case report accepted by American journal of forensic medicine, Post mortem Artifacts by animals –complexities in autopsy accepted by IOSR

COMMUNITY.MED

17. Dr. Shashikala Manjunatha - "Urban Policies for Rural Areas" Modern Medicare: Special Focus: Rural health care: December 2012: pages 38-40
18. Dr Damayanthi M N: Dr Sangeeta, Dr Seema, Dr Damayanthi **"**Enzyme Linked Immunosorbent assay & Immunochromatography in the evaluation of Anti-rubella antibodies''. Internet Journal of Microbiology, 2012
19. Dr Usha S; Pradeep B S, Gangaboraiah & Usha S,Evaluation of Immunization Coverage by Lot Quality Assurance Sampling in a Primary Health Centre Area. The Internet Journal of Public Health, 2011, Vol 1,No 1

GEN. MEDICINE

20. Title: Lipid peroxidation and non enzymatic antioxidants status in post partum preeclamptic women.

Journal: Journal of Early human development established D.n 00252 (9th Sept 2011)

Dr.Mamatha Patil

SKIN & VD

Dr. Vivekananda

21. Oculocutaneous albinism complicated with an ulcerated plaque.

Belliappa Pemmada Raju, Umashankar Nagaraju, Leena Ravindra, **Vivekananda,** Priya Kootelu Sundar, Lokanatha Keshavalu.

Our Dermatology Online – 2013,(4)2.

22. Atrophy type of Morphea profundus –an Indian Experience

Leena Ravindra, Belliappa Pemmada Raju, Umashankar Nagaraju, **Vivekananda**, Pria Kootelu Sundar, Lokanatha Keshavalu.

Our Dermatology Online – 2013,(4)2. P.-1-4.

Dr. Umashankar. N.

23. Bulous Pilomatricoma, International Journal of Trichology, Jan. –Mar. (2013) (accepted for publication).

24. Atrphy type of Morphea profundus –an Indian Experience

Leena Ravindra, Belliappa Pemmada Raju, **Umashankar Nagaraju,** Vivekananda, Priya Kootelu Sundar, Lokanatha Keshavalu.

Our Dermatology Online – 2013,(4)2. P.-1-4.

25. Oculocutaneous albinism complicated with an ulcerated plaque.

Belliappa Pemmada Raju, **Umashankar Nagaraju**, Leena Ravindra, Vivekananda**,** Priya Kootelu Sundar, Lokanatha Keshavalu.

Our Dermatology Online – 2013,(4)2.

Dr. Belliappa P.R.

26. Bullous Pilomatricoma, International Journal of Trichology, Jan. –Mar. (2013) (accepted for publication).

27. Atrophy type of Morphea profundus –an Indian Experience

Leena Ravindra, **Belliappa Pemmada Raju**, Umashankar Nagaraju, Vivekananda, Priya Kootelu Sundar, Lokanatha Keshavalu.

Our Dermatology Online – 2013,(4)2. P.-1-4.

28. Oculocutaneous albinism complicated with an ulcerated plaque.

Belliappa Pemmada Raju, Umashankar Nagaraju, Leena Ravindra, Vivekananda**,** Priya Kootelu Sundar, Lokanatha Keshavalu.

Our Dermatology Online – 2013,(4)2.

Dr. Leena Ravindra.

29. Oculocutaneous albinism complicated with an ulcerated plaque.
    Belliappa Pemmada Raju, Umashankar Nagaraju, **Leena Ravindra**, Vivekananda**,** Priya Kootelu Sundar, Lokanatha Keshavalu.
    Our Dermatology Online – 2013,(4)2.
30. Atrophy type of Morphea profundus –an Indian Experience
    Leena Ravindra, Belliappa Pemmada Raju, Umashankar Nagaraju, Vivekananda, Priya Kootelu Sundar, Lokanatha Keshavalu.
    Our Dermatology Online – 2013,(4)2. P.-1-4.
    Dr. Lokanath Keshavulu.
31. Oculocutaneous albinism complicated with an ulcerated plaque.
    Belliappa Pemmada Raju, Umashankar Nagaraju, Leena Ravindra, Vivekananda**,** Priya Kootelu Sundar, **Lokanatha Keshavalu**.
    Our Dermatology Online – 2013,(4)2.
32. Atrophy type of Morphea profundus –an Indian Experience
    Leena Ravindra, Belliappa Pemmada Raju, Umashankar Nagaraju, Vivekananda, Priya Kootelu Sundar, **Lokanatha Keshavalu**.
    Our Dermatology Online – 2013,(4)2. P.-1-4.
    Dr. Sapnshree Bhaskar
    Type -2 Lepra reaction (ENL) presenting with extensive cutaneous ulcerations
    Our Dermatology Online – 2012; 3 (1); 17-20.

SURGERY

33. Topic- Gastro Intestinal Cyst and Extra Nasal Glial tissue of Oral Cavity with cleft palate- Dr. Hariprasad, **Journal name**- African Journal of Pediatric Surgery

ORTHOPAEDIC

33. A rare case of Hand Injury – a case report, American Journal of Hand January 1975.
34. Benign Fibrous Histiocytoma of the distal radius with congenital dislocation of radial head – a case report. The Journal of Orthopaedic Surgery, Hong Kong, April 2005.

35. The use of qualitative cultures for detecting infection in open tibial fractures. Journal of Orthopaedic Surgery 2008;16(2):175-8.
36. Thiocolchicoside in the treatment of Acute low backpain. Asian Jounal of Orthopedics and Rheumatology. Vol 5.No.2, July- September 2008; 21-27.
37. The use of qualitative cultures for detecting infection in open tibial fractures. Journal of Orthopaedic Surgery 2008;16(2):175.
38. Impact of associated injuries in the Floating knee: A retrospective study; *BMC Musculoskeletal Disorders*, Volume 10, issue 1 (2009), p. 7.ISSN: 1471-2474 DOI: 10.1186/1471-2474-10-

OPHTHALMOLOGY

39. Kimuras diease Csr in type a personality

E.N.T.

40. " Tracheal resections for thyroid cancers" -**Journal of Laryngology and otology,** 2011(accepted)
Dr. Vishal Rao etal
41. "Paediatric infraorbital nerve schwannoma- a rare clinical entity" **-International journal of Head and Neck Surgery (accepted)**
Dr. Vishal Rao etal
42. **"** Vocal cord paralysis Following Percutaneous Embolization of a Vagal Paraganglioma" – **International Journal of Head and Neck Surgery,** Feb 2011
Dr. Vishal Rao etal
43. " Clinical Localization of the Spasmodic Segment in Voice Limiting Pharyngoesophagial Spasm" - **International journal of Head and Neck Surgery,** Oct 2010
Dr. Vishal Rao, etal
44. " Role of Angiogenetic markers to predict neck node metastasis in Head and Neck Cancer"- **Journal of Cancer Res Ther** , June 2010
Dr. Vishal Rao etal
45. " Role of Adjuvant Neck Dissection following Radio chemotherapy in partial neck responders" **Lancet Oncology,** March 2010
Dr. Vishal Rao etal
46. " Salvage Laryngectomy following Organ Preservation Approaches" – **Oncoscope**, 2010

Dr. Vishal Rao etal

47. " A rare case of salivary duct carcinoma of the hypo pharynx" – **International journal of Otolaryngology and Head and Neck surgery,**2012

Dr. Prashanth. V. etal

48. " Tracheal resection and anastomosis of carcinoma of thyroid invading the trachea " – **Journal of Laryngology and Otology ,**2012

Dr. Prashanth. V. etal

49. " Massive chylorrhea following total thyroidectomy and neck dissection –case series"– **International journal of Otolaryngology and Head and Neck surgery,**2012

Dr. Prashanth. V. etal

50. " A rare case of congenital ocular melanoma in a 3 year old child-**International Journal of Head and Neck Surgery ,**2012

Dr. Prashanth. V. etal

51. "Local flaps on the face- a systematic review"- **Clinical Otorhinolaryngology,** 2013

Dr. Vishwas. K. V. etal

52. "Solitary nasal mass- an unusual presentation"- **American Journal of Otolaryngology,**2012

Dr. Vishwas. K. V. etal

53. " Tracheal resections for thyroid cancers" -**Journal of Laryngology and otology,** 2011(accepted)

Dr. Vishal Rao etal

54. "Paediatric infraorbital nerve schwannoma- a rare clinical entity" -**International journal of Head and Neck Surgery (accepted)**

Dr. Vishal Rao etal

55. **"** Vocal cord paralysis Following Percutaneous Embolization of a Vagal Paraganglioma" – **International Journal of Head and Neck Surgery,** Feb 2011

Dr. Vishal Rao etal

56. " Clinical Localization of the Spasmodic Segment in Voice Limiting Pharyngoesophagial Spasm" - **International journal of Head and Neck Surgery,** Oct 2010

Dr. Vishal Rao, etal

57. " Role of Angiogenetic markers to predict neck node metastasis in Head and Neck Cancer"- **Journal of Cancer Res Ther** , June 2010

Dr. Vishal Rao etal

58. " Role of Adjuvant Neck Dissection following Radio chemotherapy in partial neck responders" **Lancet Oncology,** March 2010
    Dr. Vishal Rao etal
59. " Salvage Laryngectomy following Organ Preservation Approaches" – **Oncoscope**, 2010
    Dr. Vishal Rao etal
60. " A rare case of salivary duct carcinoma of the hypo pharynx" – **International journal of Otolaryngology and Head and Neck surgery,**2012
    Dr. Prashanth. V. etal
61. " Tracheal resection and anastomosis of carcinoma of thyroid invading the trachea " – **Journal of Laryngology and Otology ,**2012
    Dr. Prashanth. V. etal
62. " Massive chylorrhea following total thyroidectomy and neck dissection –case series"– **International journal of Otolaryngology and Head and Neck surgery,**2012
    Dr. Prashanth. V. etal
63. " A rare case of congenital ocular melanoma in a 3 year old child-**International Journal of Head and Neck Surgery ,**2012
    Dr. Prashanth. V. etal
64. "Local flaps on the face- a systematic review"- **Clinical Otorhinolaryngology,** 2013
    Dr. Vishwas. K. V. etal
65. "Solitary nasal mass- an unusual presentation"- **American Journal of Otolaryngology,**2012
    Dr. Vishwas. K. V. etal

RADIOLOGY

66. Mullarian Duct Anomaly American Journal of Radiology (Under review),Dr.Goutam M
67. "A rare disorder – PICA" - BJR

ANAESTHESIOLOGY

68. General Anaesthesia for lobectomy in an eight-year-old child with Kartagener's syndrome – paediatric anaesthesia 2004. (International Journal)
69. Anaesthetic management of a case of Walker – Warburg syndrome – Paediatric anaesthesia 2003 (International Journal)

70. **"**Use of dexmedetomidine for retrograde intubation for a patient with Treacher Collin's syndrome" published in SAARC journal of Anaesthesia 2011

Nephrology

71. Case report: Statin associated acute interstitial nephritis and rhabdomyolysis-Saudi journal of kidney disease and transplantation-In press 2013
72. Case report: Rare association of IgA nephropathy with nephrotic syndrome in a patient with eosinophilic gastritis. Saudi journal of kidney disease and transplantation-In press 2013
73. Diagnosing iron deficiency in chronic kidney disease patients- Abstracts: Kidney international: **World congress of Nephrology** –2007,
74. Interpretation of tests for iron deficiency in the presence of inflammation in hemodialysis patients: - Abstracts: Kidney international **- World congress of Nephrology** –2007

PAEDIATRICS

75. Dr.Adarsh E, Prof & HOD Pediatrics dept. Published --- Patent urachus in a neonate presenting with severe umbilical bleeding – case report and review in IMSACON, Aug 2012.
76. Dr.Adarsh E, Prof. & HOD Pediatrics dept. Published --- Fetus in Feto, case report
77. Dr.Shreekrishna, Prof Pediatrics dept. ---- Sickle cell disease profile in Omani children, published in Annals of tropical pediatrics.
78. Dr.Adarsh E, Prof & HOD Pediatrics dept. Quvaccine – pentavaccine potency and tolerability of this vaccine in infants. It is an original research paper selected for to publish in an international journal.
79. Dr.Sreekrishna has published sickle cell disease profile in Omani children – published in annals of tropical pediatrics

Fact Data Sheet-4. National publication

PHYSIOLOGY

1. M.P Jayarajan, A. Balasubramanyam and P.S. Shetty. Affect of Nutritional status on cardiovascular B- adrennoceptors responsiveness in human subjects. Biomedicine.1987:7(1):31 – 38.

BIOCHEMISTRY

Dr. H.V. SHETTY, Professor and HOD, Biochemistry

2. ”Study of anomalous babies with Neural Tubal Defects and their mothers“ Journal of Institute of medicine 2011 April; 33:1 49-53
3. “Assessment of different teaching aids and teaching methods for the better perception of biochemistry by 1st MBBS students” Journal of Evolution of Medical and Dental Sciences/ Volume1/Issue 6/Dec -2012
4. “Glycemic control modifies the association between microalbuminuria and C-Reactive Protein in type 2 Diabetes mellitus” Indian Journal of Clinical Biochemistry, 2007/22(2) 53-59.
5. “Hyper magnesemia in Diabetic end stage renal disease (ESRD) patients” Indian Journal of Clinical Biochemistry, 2007/22(2) 53-59.
6. “Free radical and antioxidant status in Rheumatoid arthritis” ndian journal of Rheumatology,3(1) 8-12.

Dr. PRIYADHARSHINI K. S., Associate Professor, Biochemistry

7. “Assessment of different teaching aids and teaching methods for the better perception of biochemistry by 1st MBBS students” Journal of Evolution of Medical and Dental Sciences/ Volume 1 / Issue6/ Dec -2012
8. “Study of serum Transaminases in hypothyroidism” Journal of Evolution of Medical and Dental Sciences/ Volume 2 / Issue 3/ January 21, 2013 page no 230.

Dr. C.M. BINDU, MD, Associate Professor, Biochemistry

9. Serum Paraoxonase levels in patient with acute liver disease Indian Journal of Clinical Biochemistry, 2011/26:230 – 234.
10. “Effect of high blood lead levels on Serum calcium and phosphorus in

patients exposed to lead." Accepted for publication in Issue 3 of year 2013 of Journal of Advanc Researches in Biological Sciences.

DEEPTI GUPTA, Assistant Professor, Biochemistry

11. "Study Of Serum Calcium, Magnesium & Urine Microalbumin levels in normal & pre-eclamptic gestation & to compare with non gestational values."
    Journal of Evolution of Medical and Dental Sciences/ Volume 1 / Issue 6/ Feb 11 -2013, pg no 613-618.
12. "Effect of high blood lead levels on Serum calcium and phosphorus in patients exposed to lead."
    Accepted for publication in Issue 3 of year 2013 of Journal of Advance Researches in Biological Sciences.

Dr. Manjula. Indian Journal of Clinical Biochemistry,

13. "Study of serum Transaminases in Hypothyroidism"
    2012: volume 27:4:64.)

PHARMACOLOGY

14. Study of surgical site infections in abdominal surgeries. Journal of Clinical and Diagnostic Research. 2011. Oct. Vol: 5(5). 935-939.

Dr Satyanarayana. V , Dr Basavaraj Bhandare et.al

15. Profile of Drug Utilization among elderly patients attending a Cardiology Clinic in Mangalore, India.
    Journal of Pharmacy Research. 2010. 3(8). 1835-37.

Rathnakar U.P, Shruti Sadanand et.al

16. Metformin Induced Vit B12 Deficiency - A case Report : **Dr Meena**
    Journal of Health Sciences & Research , Vol 3,no 1 , April 2012
17. A study to assess knowledge, attitude and practice of adverse drug reaction reporting among physicians in a tertiary care hospital - *Jyotirmoy Adhikary et.al*
    Journal of Evolution of Medical and Dental Sciences/ Volume 2/ Issue 9/ March 4, 2013,1027-1034
18. A retrospective study of Antimicrobial prophylaxis and surgical site infection in a tertiary care hospital

Dr Basavaraj Bhandare et.al

Published : National Journal of Basic Medical Sciences 2013 March . 3(3) : 221 - 226

19. Nanotechnology – Medical Applications and Hazard

Dr Satyanarayana. V , Dr Basavaraj Bhandare et.al

Submitted :- Journal of Medical Sciences.

PATHOLOGY

20. Annual conference KCIAPM on 10/09/2011 at SDUMC, Kolar, by Dr. Hemamalini, Dr. Usha Ramachandra, Dr.T.Rajaram, Topic – Well differentiated Squamous cell Carcinoma in a Pelvic Dermoid.
21. IAP-ID mid year teaching programme by MVJ Medical College & Hospital, Bangalore 29th & 30th June 2012: Poster presentation Adenomyoma in a noncomunicating Uterus Didelphys, Bicornis, Unicolis – A rare case repost.

    Presented by: Dr. Nikhitha V Kairanna, Dr. Sharmila S P, Dr. Sushma T A, Dr. T.Rajaram
22. IAP-ID mid year teaching programme by MVJ Medical College & Hospital, Bangalore 29th & 30th June 2012: Poster presentation: Granulosa cell tumor with unusual presentation.

    By Dr. Mitika S, Dr. Sharmila S P, Dr. Sushma T A, Dr. Jyothi A Raj. Dr. T Rajaram.
23. IMSA Southern Conference at RRMC&H 3–4 August 2012 case report: Parathyroid adenoma presenting as acute abdomen. By Dr. Nikitha V Kairanna, Dr.S.P.Sharmila, Dr. Usha Ramchandra, Dr. T Rajaram.
24. IMSA Southern Conference at RRMC&H 3–4 August 2012 case report: Leucocytoclastic Vasculitis. By Dr. Mitika S, Dr. Usha Ramchandra, Dr. T Rajaram.
25. 39th Annual conference KCIAPM – 06/09/2012 to 09/09/2012, Bangalore

    Title: BCG vaccine induced suppurative lymphadenitis in the axilla – A case report

    Authors: Dr. Mitika S, Dr.Jyothi A Raj, Dr. Mahanthachar.V, Dr. T.Rajaram.
26. 39th Annual conference KCIAPM - 06/09/2012 to 09/09/2012, Bangalore

    Title: Pancreatic Heterotopia in Jejunum Presenting as small bowel obstruction – A case report.

    Authors: Dr. Nikitha V. K, Dr. Jyothi A Raj, Dr. Sharmila S. P, Dr.T. Rajaram.

Publications

27. J of Indian Medical Assoc September 2012; 110:653-4. Xanthgranulomatous Oophoritis: Pathologic findings with clinical correlation. Dr. Jyothi A Raj, Dr. Jagadeesha.M, Dr. Naveen.S, Dr. Usha Ramachandra.

28. Dr.Rayamane A P, Dr.Chandrashekhariah, Dr.Pradeep Kumar, Dr.R B Kottabagi, & Dr.T.Rajaram: Sudden cardiac death in a young adult. J Karn. Med.Legal Society Jul 2012 Vol 21;41-45.
29. Accepted for publication in Medica Innovatica "Pancreatic heterotopias presenting as small bowel obstruction". Dr. Jyothi A Raj, Dr. Sharmila.S.P, Dr.T.Rajaram.
30. Littoral cell angioma – A sudden cause of mysterious death – Dr. Sushma T.A, Dr. Sharmila.P.S, Dr. Shashikala K, Dr. Anand Rayamane.
31. Histomorphological study of teratomas in a tertiary care hospital – Dr. Sushma T.A, Dr. Shashikala K, Dr. Sharmila.P.S, Dr. Shwetha Jaykar, Dr. Jyothi A Raj, Dr. Mahanthachar.V, Dr.T.Rajaram, Dr. Usharamchandra.

MICROBIOLOGY

32. S. SANGEETHA, P. SEEMA "Immune Status of Health Care Personnel from various Geographical areas in India against rubella: a cross-sectional study". Journal of Evolution of Medical and Dental Sciences Volume 2 Issue 10 March 11, 2013 Page-1421.
33. SANGEETHA S, SEEMA P, SURESH DG: Seroprevalence of Rubella in Health Professionals. Intl J Cur Biomed Phar Res. 2012; 2(2): 296–299.
34. RAGINI.A. KASHID: Characterisation and Antifungal Susceptibility of Candida Species in a Tertiary Care Hospital. J of Health Sciences & Research. April 2011: 1-12.
35. RAGINI. A. KASHID: Septic Arthritis in an Infant by Candida Tropicalis. Journal of the Academy of Clinical Microbiologists. Dec 2010: Vol. 12: 79–81.
36. KAUSALYA. R, RAGINI. A. KASHID, SURESH DG Study of Transfusion transmitted infections among blood donors in a tertiary care hospital ; Hepatitis B surface antigen, HCV antibodies, HIV 1 and 2 antibodies. J of Medical Sciences April 2013 Vol 1 Issue 1 pg 29-31.

FMT

37. Injuries due to fall from height
38. Doctor and criminal negligence
39. Death due to asymptomatic acute pancreatitis
40. Sudden natural death in an young adult
41. Sudden death due to arrythmogenic right ventricular disease
42. Preparing medico legal report in clinical practice

43. Sudden death due to Eagle's syndrome
44. Adipocere –reporting cases with review literature
45. Reconstruction with cataleptic rigidity

COMMUNITY.MED

46. Dr Seema, Dr Damayanthi M N ,''Work related morbidities among cement block workers: A Cross Sectional Study'': Medica Innovatica June 2013, Vol 2 Issue 1, pg 14-16
47. Dr Damayanthi M N, Dr Jayanth Kumar, Dr Sridevi ''Breast feeding practices among women in rural field practice area of RRMCH, Bangalore'' ,Medica Innovatica, June 2013, Vol 2 Issue 1, pg 14-16
48. Dr Damayanthi.M.N , Dr Sagar ''A cross sectional study of reproductive tract infections among the eligible couples in rural field practice area of VIMS Bellary (Journal of Indian Clinical Sciences, Internet Journal, Nov 2012. **Accepted**)
49. Dr Damayanthi M N, Dr Seema: ''Magnitude of respiratory morbidity among the brick kiln workers in urban field practice area of RRMCH, Bangalore'' Journal of Indian Clinical Sciences, March 2012 Vol 1, Issue 1 pg1-4
50. Seema Prakash, Shashikala. Manjunatha, C. Shashikala. Morbidity Patterns among Rice Mill Workers: A cross sectional Study: IJOEM – Indian Journal of Occupational & Environmental Medicine, Vol - 14, Issue – 3, Dec 2010, (91 – 94).
51. Shashikala Manjunatha, RNTCP - Revised National TB Control Programme: Success & Challenges In An Urban City Hospital – Karnataka Journal of Community Health - Vol – 17, - 2005-06.(14 - 18)
52. Dr Shyam, Study of sublingual immunotherapy in allergic rhinitis: Journal of Allergy
53. Hypertension & Diabetes Morbidity Survey at Slums of Bangalore- Karnataka Association of Community Health – Conference- Souvenir – KACH 2011 at Manipal, Dr.Vinod.R.K., Dr. Shashikala. M., Dr. Mamata Patil.
54. Seema Prakash, Shashikala. Manjunatha, C. Shashikala. Morbidity Patterns among Rice Mill Workers: A cross sectional Study: IJOEM – Indian Journal of Occupational & Environmental Medicine, Vol - 14, Issue – 3, Dec 2010, (91 – 94).
55. Dr.Shashikala Manjunatha**, "**Ageing :A Review of RRMCH, Bangalore'' Journal of Medical Sciences April :2013 –Volume-1 Issue-1
56. Dr.Shashikala Manjunatha**:** Public Health Emergencies & Disasters: Preparedness & Response of RRMCH, Bangalore, Journal of Medical Sciences April :2013 –Volume-1 Issue-1

GEN. MEDICINE

57. Echocardiographic evaluation of Diastolic dysfunction in asymptomatic Type-2 Diabetes Mellitus.

Dr.Mamatha B Patil (Professor of Medicine)

Published in JAPI – May 2012 – vol 60.

58. Case Report: Skin rashes with Skeletal Muscle weakness – Adult onset Dermatomyositis.

    Dr.Krishna.M.V, Dr.Byrareddy, Dr.Rekha.N.H

    Dr.Sourav Das Published in ESIC Journal of Medical Sciences – January 2012,

59. Case Report: Adult onset HenochSchonleinPurpura

    Dr.Abhishek M, Dr.Krishna.M.V

    Published to ESI Journal of Medical Sciences 2012

60. Clinical and etiological profile of acute febrile illness with thrombocytopenia - A one year hospital based across section study.

    Dr.Mamatha B Patil (Professor of Medicine)

    Published in Journal of Medical Sciences, RRMCH 2013 (Jan - Apr)

61. Case Report : A case of atherosclerotic Renal Artery Stenosis with single functioning kidney.

    Dr.Abhishek.M, Dr.Krishna.M.V

    Published in Journal of Medical Sciences, RRMCH 2013 (Jan - Apr)

62. Pictorial CME – Idiopathic Clubbing

    Dr.Neetiraj Singh, Dr.Krishna.M.V

    Published in Journal of Medical Sciences,RRMCH 2013 (Jan - Apr)

63. Lipid peroxidation & non enzymatic antioxidants status in preeclamptic & post partum preeclamptic. – Dr.Sadanand B Patil, Dr.Mamatha B Patil

    Journal: National Journal of Basic Medical Sciences vol III issue – 1

64. Role of Lipid peroxidation & enzymatic antioxidants status in postpartum pre eclamptic women. – Dr.Sadanand B Patil, Dr.Mamatha B Patil

    Journal: Elexir Human physiology : 47 (2012) pg no: 8786 – 8789

65. Prospective Randomized open lable pilot study of lipid profile in Preeclampsiz.

    Journal: Journal of advance in biological science in 2013. Vol 5 45-48.

66. Dr.Sadanand B Patil, Dr.Mamatha B Patil

SKIN & VD

67. Dr. Vivekananda.

    i) Characteristics of childhood vitiligo in Bangalore with special reference to associated ocular abnormalities.

Belliappa P.R., Priya K.S., Umashankar .N., **Vivekananda**, Leena C.B., Lokanatha K. e-Journal Indian society of Teldermatology – 2011; vol.4, No.3, P. 1-10.

68. Dr. Umashankar.N.
    Characteristics of childhood vitiligo in Bangalore with special reference to associated ocular abnormalities
    Belliappa P.R., Priya K.S**., Umashankar .N.**, Vivekananda, Leena C.B., Lokanatha K. e-Journal Indian society of Teldermatology – 2011; vol.4, No.3, P. 1-10.
69. Dr. Belliappa P.R.
    Characteristics of childhood vitiligo in Bangalore with special reference to associated ocular abnormalities.
    Belliappa P.R., Priya K.S., Umashankar **.N.**, Vivekananda, Leena C.B., Lokanatha K. e-Journal Indian society of Teldermatology – 2011; vol.4, No.3, P. 1-10.
70. Dr. Leena C.B.
    Characteristics of childhood vitiligo in Bangalore with special reference to associated ocular abnormalities.
    Belliappa P.R., Priya K.S., Umashankar .N**.**, Vivekananda, **Leena C.B.,** Lokanatha K. e-Journal Indian society of Teldermatology – 2011; vol.4, No.3, P. 1-10.
71. Dr. Lokanath. K.
    Characteristics of childhood vitiligo in Bangalore with special reference to associated ocular abnormalities.
    Belliappa P.R., Priya K.S., Umashankar **.N.**, Vivekananda, Leena C.B., e-Journal Indian society of Teldermatology – 2011; vol.4, No.3, P. 1-10.
72. Dr. Sapnashree Bhaskar
    Unusual case presentation of Cutaneous Leiomyoma – A case report.
    Indian Journal of Dermatology (I J D) (accepted for publication).
    Head to toe porokeratosis – A rare co-existence. I J D (accepted for publication).

PSYCHIATRY

Dr Amar Bavale

73. Case report of Fluoxetine induced neutropenia. Indian Journal of Psychiatry. 2012
74. Case report of OCD presenting as eve teasing . Indian Journal of Private psychiatry 2012
75. Case report of ultra high dose Quetiapine use in BPAD. Indian Journal of psychiatry 2012

Dr Sudhir Hebbar

76. Case report of cognitive therapy of OCD with chronic tic disorder. India Journal of psychological medicine 2012.

Dr Vishnuverdhan

77. Paper: Psychiatric comorbidity and gender differences among suicide attempters in Bangalore, India. Genral hospital psychiatry.2012.
78. Case report-Amisulpride in the treatment of somatoform disorders. Australia newzealand journal of psychiatry.2011.
79. Paper : Obesity, diabetes and hypertension associated with antipsychotic use in remitted schizophrenia. International journal of risk and safety.2011.
80. Case report, Sapophagia (Compulsive Soap Eating) and Attention-Deficit/Hyperactivity Disorder in a Child Responsive to Clonidine. Copy attached. Australia newzealand journal of psychiatry 2011.

SURGERY

81. Primary Intracysticsq.cell Carcinoma breast-case report and review of literature-Dr. Hariprasad.(JCDR)
82. Papillary Carcinoma breast in a Male-Case report and review of literature-Dr.Hariprasad. (JCDR)
83. Primary bilateral fallopian tube carcinoma. Case report and review of literature –Dr. Hariprasad
84. Extra renal wilmstumour- Case report by DrHariprasad.
85. A case of Dicrofilariaimmitas presenting as soft tissue mass-Dr. Hariprasad.
86. A rare case of Tuberculosis of Tunica Vaginalis – Dr. Shreekantaiah (AMJ)
87. A rare case of Sabaceous carcinoma of Scalp – Dr. Shreekantaiah (AMJ)
88. Cutaneous Lymphoma of a Young boy - – Dr. Shreekantaiah (Indian Journal of Surgery)
89. Interesting case of PseudoPancreatic Cyst - – Dr. Shreekantaiah

ORTHOPAEDIC

Publications of Dr.Rajagopalan.N. Professor and HOD.

90. Aneurysmal Bone cyst involving multiple bones – a case report – Indian Journal of Cancer
91. Surgical Prophylaxis - Karnataka Orthopedic Association Newsletter 1978
92. Anatomical Considerations of the Pedicles of Lumbar Vertebrae. Indian Journal of Orthopaedics, Vol.34, No.4, October 2000; 256 - 258.

93. Dimensions of the lumbar vertebral canal – Indian Journal of Orthopaedics – Vol 37, No.5, July 2003; 186 -188.
94. Accessory bones of foot. Anatomica Karnataka, Vol 1, No 4, June 2003; 15 -18.
95. The value of serum and urinary n-Telopeptide in the diagnosis of osteoporosis - Indian Journal Of Orthopaedics, Vol 36, No.2, April 2002. 111-114.
96. Thromboprophylaxis in Major Orthopedic Surgery, Indian Journal Of Orthopaedics, April 2003.
97. Biomaterials and Design considerations in Locking Nail. The Kerala Orthopaedic Journal. Vol.21, No.2, January 2008. 9-11.
98. Biomaterials and Design considerations in Locking Nail. Journal of Karnataka Orthopaedic Association. 2009. Vol1, 19-21.

OPHTHALMOLOGY

99. **Outcome of cataract surgery in a soft eye ball**
    Journal of Evolution of medical & dental sciences, PISSN 2278&-474B
100. **State -Rare Case of Axenfeld-Rieger Syndrome**
    Medica innovatica

RADIOLOGY

101. Case report left sided appendix, Journal of Medical sciences – Dr.Goutam, Dr.Pravin, Dr.Saroja
102. Wunderlich's syndrome – Journal of Medical sciences, Dr.Parathasarathi A

ANAESTHESIOLOGY

103. Published a paper on "Case custom susceptibility to Suxamethonium and nature of block in prolonged response to Suxamethonium" Asian archives of anaesthesia and resuccitations, 1973.
104. Published an article on "Ambulatory Anesthesia" in I.S.A magazine of Karnataka state branch – 2002
105. Written an article "Combined Epidural and Spinal Anaesthesia for total hip replacement in patient with Ankylosing Spondylitis" in R.S.A.C.P magazine
106. Mucopolysaccharidoses – Hurlers Syndrome – Anesthetic Consideration. Journal of Anaesthesiology & Clinical pharmacology – 1999
107. General Anaesthesia for lobectomy in an eight-year-old child with Kartagener's syndrome – paediatric anaesthesia 2004. (International Journal)

108. Anaesthetic management of a case of Walker – Warburg syndrome – Paediatric anaesthesia 2003 (International Journal)
109. Combined spinal Epidural anaesthesia for bilateral total hip replacement in a patient with ankylosing spondylitis Journal of Anesthesiology and clinical pharmacology – 2001
110. Role of propofol in nasal endoscopic surgery – Indian Journal of Otolaryngology – 2003
111. Live related Liver Tranaplantation, intro operative anaesthetic management – our initial experience – Ind. J Anaesthesia; 2004: 48 (3): 169 – Dr.Sahajanada, Dr.Vasudev, Dr.Vasant Rao, Dr.Lalita, et al.
112. "Renal Tranaplantation with and without Epidural Analgesia – A review of 6 years of experience " – Dr.Sahajananda, Indian Journal of Anesthesia, 2006
113. Continuous spinal anaesthesia an underused technique revisited – Indian journal of anaesthesia. 2008; 52(3) 324-327
114. Does anaesthetic induction for Cesarean section with a combination of Ketamine and thiopentone confer ant benefits over thiopentone or Ketamine alone? A prospective randomized study. Minerva Anestesiol. 2009 Apr;75(4): 185-90. Epub 2008 Oct 23.
115. Study of 50 cases using clonidine as adjuvant in supraclavicular blocks to Prolong anaesthesia and for post operative analgesia in upper limb surgeries. Gujarat Medical Journal ; 2008
116. Comparsion of different doses of clonidine (30mcg, 75 mcg, 100mcg) along with0.5% Bupivacaine for lower abdominal and lower limb surgeries. Gujarat Medical Journal; 2009
117. High spinal for abdominal surgeries. IJA 1996

OBGY & GYNAEC.

118. **Active management of third stage of labour by intra umbilical oxytocin ;** Journal of Pediatrics
119. **Granulosa cell tumours: a study of 37 cases**; Journal of Obstetrics and Gynecology of India
120. **A study of pelvic and para- aortic lymph node involvement in surgical staged endometrioid carcinoma of endometrium ;** Journal of Obstetrics and Gynecology of India

121. **Retrospective study of Borderline Ovarian Tumours;** Journal of medical and dental sciences

Nephrology

122. Newer markers in the diagnosis of iron deficiency; Role of CHr and hypochromic red cells in predialysis and dialysis patients: Indian journal of nephrology;Abstracts:2010

PAEDIATRICS

122. Dr.Adarsh E, Prof & HOD Pediatrics dept. published 2 publications
123. Dr.Sreekrishna prof Pediatrics is under process

Fact Data Sheet-5. International presented

ANATOMY

Dr. Shruthi.B.N (Asst prof)

1. Poster presentation in IMSA conference

Dr. Bharathi (PG)

2. Anatomical study of Triangle of Brocq & Mouchet in human cadaveric heart.
3. Poster Presentation on Branchial Fistula In Karnataka State conference.

PHYSIOLOGY

Abstracts presented at international conferences

Four Papers were presented at 22nd Annual PSI Conference and 2nd Biennial SAAP Conference at St. Johns Medical College, Bangalore 15th to 17th December 2010:

4. **PP- I-05** A Comparative Study of Some Cardio- respiratory Parameters in Obese and Non - Obese Subjects- Kanavi Roopa.
5. **PP-I-08** Comparative Study of Pulmonary Function in Pregnant, South Indian Woman at 36 weeks and Full Term Pregnancy -Ganesh Pradhan.
6. **PP-E-04** The Influence of Gestational Diabetes Mellitus on Fetal Weight- K J Vedavathi, H B Veerananna
7. **FC-G -09** A Cross- sectional Study to Assess Hearing Impairment in School Going Children Aged 6 to 10 years of Belgaum- Sonal Ramdas Gaonkar.

BIOCHEMISTRY

8. Post graduate student Dr.R. Reena

   4th August 2012: Poster on "Study of Creatinine kinase and Lactate Dehydrogenase in Thyroid Disorders"

   International Medical Sciences Academy conference (IMSA) at Rajarajeshwari Medical College, Bangalore.

   Post graduate student Dr. Manjula K.S.
9. 4th August 2012: Poster on" Study of Transaminases in Thyroid Disorders"

   International Medical Sciences Academy conference (IMSA) at Rajarajeshwari Medical College, Bangalore.

PHARMACOLOGY

10. Dr. **Meena K.Nandimath**

International Medical Sciences Academy (IMSA) Annual Conference October 6th - 7th 2012 at Gulf Medical University , Ajman .

Study Title : " **Drug Prescribing Pattern In Upper Respiratory Tract Infection In Children Aged 1 – 14 Years. "**

PATHOLOGY

For - IMSA Southern Conference at RRMC&H to be held in Oct 2013

Oral presentation

11. Clinico -Pathological Profile of Sino-nasal Carcinoma at Tertiary care centre**.**
Dr. Mitika.S (PG)

12. Histopathological profile of unusual findings in Medico- legal Autopsies – An Autopsy study with brief review of Literature.
Dr. Nikitha.K (PG)

Poster Presentation

13. Incidental Littoral cell angioma of spleen, An autopsy finding: A rare cause of mysterious death Dr. Ankur Gupta.
14. Primary Adenocarcinoma of rectum: A case report with clinico pathological review: Dr. Dhaval.
15. A rare metastasis of Renal cell carcinoma in the nasal cavity – unusual site – Dr. Amit Bharu
16. Primary cavernous hemangima of ovary coexisting with contralateral xanthogranulomatous salpingtis – An incidental finding – A rare coexistence – Dr. Paul.M.F
17. Infantile Osteopetrosis – A rare case report – Dr. Jeena Johns.

MICROBIOLOGY

18. "Medico-legal Aspects Of HIV Infection" at International Medico Legal Conference, Kodaikanal, January 2010: Dr. Sangeetha. S., Associate Professor, Department of Microbiology, Rajarajeswari Medical College, Bangalore.

COMMUNITY.MED

19. Dr. Shashikala Manjunatha - Presentation on "Public Health in India – Success & Challenges" in HPA – Health Protection Agency – Birmingham, UK on July 20, 2011

20. Dr. Shashikala Manjunatha - Poster Presentation on " Spiritual Health in Medical Practice" in IMSA – International Medical Sciences Academy - Conference in RRMCH - Aug 3rd – 4th , 2012
21. Dr Damayanthi, Dr Seema, Magnitude of respiratory morbidity among the brick kiln workers in urban field practice area of RRMCH, Bangalore: IMSA conference,2012 Oct
22. Dr Damayanthi : Comparative study of FEV1 among smokers & Non-Smoker men working in Brick Factory: (Abstract submitted : IMSA Conference at RRMCH, to be held Oct 2013)

GEN. MEDICINE

23. Topic - Obesity newer prespectives presented at sourthern chapter midterm IMSA conference on 3rd & 4th Aug 2012 held at RRMCH.- Dr.Mamatha Patil-
24. Topic – Vit D in health & disease presented at southern chapter midterm IMSA conference on 3rd & 4th Aug 2012 held at RRMCH. – Dr.Vijay.M.B-
25. Topic – Management of Hypertension focus on ARB's presented at southern chapter midterm IMSA conference on 3rd & 4th Aug 2012 held at RRMCH.-Dr.Krishna.M.V-

SKIN & VD

Dr. Umashankar. N.

26. International symposium on aesthetic and cosmetic dermatology-2012, colombo , srilanka.
27. Poster presentation in seoul -2011.
    Dr. Belliappa p.r.
28. international symposium on aesthetic and cosmetic dermatology-2012, colombo , srilanka.
29. Dermatology academy-khatmandu -2012, nepal

OPHTHALMOLOGY

30. Bilateral Atypical presentation of macular hole
31. Getting used to unusual causes of proptosis Kimura's disease

RADIOLOGY

32. MRI bone infarcts – Dr.Prajwal, Dr. Pravin, Dr. Parathasarathi A (IMSA conference)
33. Metachromatic Leucodystrophy - Dr. Andrew, Dr.Pravin, Dr.Goutam (IMSA conference)

ANAESTHESIOLOGY

34. Attended 46th Annual Conference of I.S.A and C.M.E :presented a scientific paper at KATHMANDU (Nepal). -Intravenous fluids in Neurosurgery
35. ideo Guest lecture on “Retrograde intubation” at SAARC Congress 2011, Bangalore
36. Participated in the continuing medical education planned and implemented jointly by the University of Minnesota and the Asian and Oceanic Society of Regional Anaesthesia from 29th October to 2nd November.
37. Presented a scientific paper in the above-mentioned conference on- - Ambulatory anaesthesia
38. Attended the 1st International Multi-Speciality Medical Update from 18th December to 19th Dec, 2000 organized by the St.John’s National Academy and University of Minnesota USA.

PAEDIATRICS

39. Dr.Adarsh E, Prof & HOD Pediatrics dept. ---- comparison of growth of Infants who are on supplementary feeds / mixed feeds with infants who are on probiotics-complementary formula in India, presented at nestle research centre, Lausanne, Switzerland

Fact Data Sheet-6. National Presented

ANATOMY

Dr. Mangala

1. Acardia Acephalus Twin – A Case Report- 57th Natcon, Jawaharlal Nehru Medical College, Belgaum, Karnataka

Dr. Deepali Dshetty -

2. Study of variations in termination of popliteeal artery – NATCON Indore

PHYSIOLOGY

3. Presented paper on "Effect of BMI on workdone using bicycle ergometer in untrained individuals" December 2008, APPICON at Mangalore.

BIOCHEMISTRY

Post graduate student Dr. Reena R.

1	12th December 2012	Paper presented on Study of serum CK and LDH in Hypothyroidism 39th annual conference of ACBI 2012 at Ranchi
2	10th February	Free Radicals and Anti oxidants Indian Medical Association annual Conference

Post graduate student Dr. Manjula K.S.

SL.No.	Date	Poster/Paper
1	12th December 2012	Poster on Study of serum Transaminases in Hypothyroidism 39th ACBICON 2012 at Ranchi
2	10th February	Measures to avoid Pre analytical Errors in Laboratory Medicine Indian Medical Association annual Conference

PHARMACOLOGY

10. Dr. Meena K N

International Medical Scientific Association (IMSA) Conference on 3rd and 4th August 2012 at Rajarajeswari Medical College & Hospital , Bangalore

Titile : Metformin induced Vitamin B12 deficiency

11. Dr. Rekha.M.B

XXXXIII Annual Conference of Indian Pharmacology Society & International Conference on Pharmacology and Translational Research at National Institute of Nutrition Hyderabad. December 13th -16th 2010

Title : "A Study On Prescription Pattern In Type-2 Diabetes Mellitus With Hypertension In A Diabetic Clinic"

12. Dr. Jyotirmoy Adhikary

International Medical Scientific Association (IMSA) Conference on 3rd and 4th August 2012 at Rajarajeswari Medical College & Hospital , Bangalore

Title of the study : A Retrospective Study of Pattern of Antimicrobial Prophylaxis and Surgical Site Infection in Abdominal Surgeries in a Tertiary Care Hospital

PATHOLOGY

KC-IAPM State 40th Annual State Conference BLDEU Bijapur 2013 to be held on Sep 2013.

Oral Presentation

13. Spectrum of Clinco Morphological profile of Tuberculoses – Dr. Ankur Gupta.
14. Cytodiagnosis of breast lesions – Dr. Amit Bharu.
15. Spectrum of thyroid lesions in thyroidectomy specimens – Dr. Paul.M.F
16. Diagnosis of Acute Appendicitis with Pre-operative Inflammatory Markers and Post-operative Histopathological findings at RRMCH. Dr. Jeena Johns.
17. Spectrum of neoplastic and non neoplastic lesions in small and large bowel

Dr. Dhawal Prajapati.

MICROBIOLOGY

PRESENTED AT MICROCON 2009, JSS MEDICAL COLLEGE, MYSORE.

18. A STUDY OF MRSA BY CEFOXITIN DISC DIFFUSION TEST

S Sangeetha, TS Kiran, R Ragini, DG Suresh

19. Occurence of extended spectrum b-lactamase among enterobacteriaceae species isolated at a medical college hospital in bangalore

A ragini, ts kiran, s sangeetha, dg suresh.

FMT

20. Industrial accidental death
21. Tiny bones
22. Indigenous noose

23. Neglected head injury case of assault lead to death
24. Death penalty
25. Eagle's syndrome
26. Berry aneurysm
27. Accidental death by compressed air

COMMUNITY.MED

28. Dr Damayanthi.M.N: Breast feeding practices among women in rural field practice area of RRMCH, Bangalore at Tirupati Medical college, Andhra Pradesh, 2008
29. Dr Srividya V:"Making a diagnosis: Exploring intern's perspective" at Joint IAPSM & IPHA National conference at S.V Medical College, Tirupati, January 2006
30. Dr Srividya V: Poster presentation of outreach activities of Dept of Community Medicine, RRMCH at KACH conference held at JSS Medical College, Mysore in 2009
31. Dr Srividya V: Presented a scientific paper on "Integrated Disease Surveillance Project: Implementation & Reporting under Public Private Partnership: A Brief Review" at the Annual National Conference of IPHA held at Kochi, Kerala, on 11th & 12th February 2012

GEN. MEDICINE

32. Articles abstracts presented at conferences (held in Manipal)
33. Hypertension & Type 2 DM modify survey at Rajarajeshwari Nagar Slums of Bangalore city – a cross sectional study. – Dr.Mamatha B Patil
34. Journal Karnataka Association of community health 2011.
35. Angiographic profile in 220 cases of AMI – Kapicon – 1997.
36. HPA – Axis in septicemic shock – KAPICON – 2004.

ORTHOPAEDIC

37. Dr.Rajagopalan.N., Professor and HOD

    Details of Presentation last year

    Faculty, Karnataka Orthopaedic Association Annual Conference, Feb 2013, delivered a talk on "Nailing in Trochanteric Fractures".

    Faculty, Karnataka Orthopaedic Association Annual Conference, Feb 2012, delivered a talk on "SCFE".

    Faculty, National Association of Interlocking Surgeons, Sept 2012, delivered a talk on "Meta Analysis of DHS Vs PFN in Proximal Femur Fractures".

Faculty, Indian Orthopaedic Association Annual Conference, Dec 2012, delivered 2 talks in the Spine Session and Oncology Session

RADIOLOGY

38. Imaging in polytrauma – Dr.Pravin, SEWCON IMAAMS Conference, Davangere

ANAESTHESIOLOGY

1999:

39. Participated in the continuing medical education at Asian and Oceanic Society of Regional Anaesthesia from 29th October to 2nd November.
    Presented a scientific paper in the above-mentioned conference Acute pain management.

2000:

40. Attended the continuing Medical Education Programme on 10th September 2000, held at J.N. Medical College & K.L.E Hospital and Medical Research Centre, Belgaum and delivered a lecture on DAY case Surgery and anaesthesia.
41. Attended the 1st International Multi-Speciality Medical Update from 18th December to 19th Dec organized by the University of Minnesota and delivered a lecture on Ambulatory Anaesthesia.

2001:

42. Attended the ISA Conference Of Anaesthesiologists from 9th to 11th November at Mysore and delivered a lecture on Hypoxemia..

2004:

43. Attended and delivered a guest lecture on Role of Preemptive Analgesia, Peripheral Treatment Balanced Analgesia in Acute Pain management at Ramakrishna hospital, Calcutta.

2005:

44. Attended and delivered an Oration on :Pain ,Hurt and Harm-Advances and Controversies in Paediatric Pain Management -ISACON Kerala, Trivandrum.
    Attended and delivered a guest lecture on “Post-operative Hypoxaemia” in the annual conference of I.S.A at Mysore., 2005

2007:

45. Attendant ISA Conference 2007 at Vishakhapatnam from 26-12-2007 to 29-12-2007 and chaired a session on Regional Anaesthesia on 27-12-2007.

2008:

46. Attended ISACON conference at Mangalore and delivered a lecture on "Perioperative management of uncontrolled diabetes mellitus patients"

OBGY & GYNAEC.

47. Retrospective study of Borderline ovarian Tumours: Dr.Nirmala.C at IMSACON
48. A study of pelvic and para- aortic lymph node involvement in surgical staged endometrioid carcinoma of endometrium: Dr. Rekha, at National Gynaec oncology conference, 7 Scientific sessions chaired international

Fact Data Sheet-7. Scientific sessions chaired international

PHYSIOLOGY

1. December 2010 – topic – Epigenetics – Dr.M.P.Jayarajan

BIOCHEMISTRY

2. Dr H.V.Shetty, Professor & HOD, Biochemistry, RRMC & H, Bangalore:
   Chaired a Scientific session at International conference Topic "Antioxidants and Free radicals in health nutrition & radioprotectors"at St John's Medical college, Bangalore from 10th to 12th January 2005.

PATHOLOGY

3. International Conference of Gynecology updates (IAP-ID, MVJ Medical College & Research Hospital) at Bangalore in 2012- Dr.T Rajaram, Professor & Head of the Department of Pathology, RRMCH.

COMMUNITY.MED

4. Dr Jayanth Kumar K: Dr. R.R Thukral Southern Chapters Midterm IMSA Conference New frontiers in Medical Sciences Multidisciplinary Meet

GEN. MEDICINE

5. Scientific Sessions chaired – international No.1
   International Conference on geriatric core held on 13th & 14th Oct 2012 at Belgaum chaired for poster/podius sessions. - Dr.Mamatha B Patil-
6. IMSA (international Medical Sciences Academy 2012 conference – RRMCH – 2012
   Chairperson – Dr.Mamatha B Patil
7. IMSA (International Medical Sciences Academy) 2012 conference -RRMCH - 2012
   Chairperson – Dr.Krishna M.V

   Topics:
   1. COPD the coming Epidemic.
   2. Tobacco cessation our experience
   3. Resistant Hypertension
   4. ICU sedation what is the best

ORTHOPAEDIC

8. Dr.Rajagopalan.N., Professor and HOD, chaired the session on External Fixation at Delhi, during Asia Pacific Orthopedic Association Annual Conference.

RADIOLOGY

9. Dr.Saroja IMSA, conference 2012

ANAESTHESIOLOGY

10. Participated in the continuing medical education planned and implemented jointly by the University of Minnesota and the Asian and Oceanic Society of Regional Anaesthesia and chaired session on Perioperative Morbidity
11. Attended" SAARC" Anaesthesiology Conference at Bangalore. Chaired session on hyperbaric Oxy gen and anaesthesia.

PAEDIATRICS

12. Dr.Prema conducted preconference exit test for pedicon 2013
13. Dr.Adarsh E,Prof & Hod of Pediatrics--IMSA 2012

Fact Data Sheet-8. Scientific sessions chaired national

ANATOMY

Dr G K Ramachandrappa (IMA)

1. Chairman and Presided over national RMPTC programme
2. Chairman and Presided over national Immunization programs
3. Chairman – National IMA political standing committee – debated against introduction of NCHRH, Bill with the parliamentary Committee of Government of India.
4. Attended a get together invited by president of India, at Rastrapathi Bhavan, India on the occasion of Independence Day celebration.
5. Led the delegation to meet chief minister of Karnataka to pass a bill regarding "preventions of atrocities and doctors and their property.
6. Led the delegation to the honorable Chief Minister of Karnataka against Introduction of short term of Allopathy course to Ayurveda doctors.
7. Chairman - Aao – Goan chalen National IMA programme adopted a village _ K- kariena halli for a period of 1 year for the overall development of village and received a national award for the same.

BIOCHEMISTRY

8. Dr H.V.Shetty, Professor & HOD, Biochemistry, RRMC & H, Bangalore: Chaired a Scientific session at National annual conference of ACBI held at NIMHANS Bangalore from 19th to 22nd January 2004.

PHARMACOLOGY

9. Dr.Basavaraj Bhandare - New Frontiers in Medical Sciences – IMSA Conference ,RRMCH - Aug 2012

PATHOLOGY

Dr. Usha Ramachandra, Principal & Professor of Pathology

10. Quiz - KCIAPM at RRMCH- 12th October 2010
11. CME & Conference ,KCIAPM- Devaraj Urs Medical College- Kolar, 2011
12. Post Graduate Lecture series- RGUHS in associate with RRMCH – KSTA, 8th – 10th December 2011 in Bangalore.
13. Academy of Pathology- IV th CME at RRMCH 18th November 2012
14. IMSA at RRMCH in August 2012

FMT

15. 34TH IAFM conference held at Mangalore
16. KAMLS conference held at Bangalore

COMMUNITY.MED

17. Dr. Jayanth Kumar.K: The changing trends with newer concepts in field of Physiology, Pharmacology, Biochemistry and General Medicine: Rajarajeswari Medical College
18. Dr. Jayanth Kumar.K: Damien Foundation India Trust Charitable Organization for Leprosy and Tuberculosis Control. Symposium on TB

GEN. MEDICINE

19. Kapicon conference held at Belgaum 2009 attended as a chair person for poster & podium presentation. Dr.Mamatha B Patil
20. Chair Person - Dr.KrishnaM.Cutaneous Medicine Lecture Series RRMCH – 2011
    Topics: 1. Drug reactions what we need to know
    Rashes can be skin deep

SKIN & VD

Dr. Vivekananda:

21. Chaired session during Mid – Cuticon 2013.

Dr. Umashankar.N.:

22. Chairperson in a session during CODFI (Contact and Occupational Dermatoses Federation of India)
23. Conference 2009, Bangalore.
24. Chairperson in a session during DERMAZONE, Mysore 2010.

PSYCHIATRY

25. Dr Amar Bavle has chaired 2 sessions during ANCIPS held at agra and bangalore (annual national conference of Indian psychiatric society 2013 and 2009

SURGERY

26. ASSICON-2006-Jaipur --- Dr. M. Seshasayi
27. KASICON-2008-Bangalore --- Dr. M. Seshasayi

ORTHOPAEDIC

28. Dr.Rajagopalan.N., Professor and HOD, chaired the session at KOACON 2012, KOACON 2013, NAILSCON 2012 & IOACON 2012

OPHTHALMOLOGY

29. Community Ophthalmology conference in 2006,
30. pediatric Ophthalmology conference in 2006

E.N.T.

31. Sessions chaired by Dr. T.M. Nagaraj in National Conference held at Belgaum 2010.
32. Session chaired by Dr. Praveen in CME held at Davangere.

RADIOLOGY

33. Two Sessions, IRIA Bangalore – Dr.Saroja

ANAESTHESIOLOGY

2004:

34. Chaired a session in the DNB PG Excel Programme at Ramakrishna hospital, Calcutta.

2007:

35. Conducted and chaired "Difficult Airway & LMA Workshop": Hands on Workshop Difficult Airway & LMA (January 2007) at St Johns, Bangalore.
36. Attendant ISA Conference 2007 at Vishakhapatnam from 26-12-2007 to 29-12-2007 and chaired a session on Regional Anaesthesia on 27-12-2007.

2011

36. Attended ISACON 2011 National confernce Indian Society of Anaesthesiologists at Mumbai. And chaired session on Obstetric anaesthesia.

2012

37. Attended CME sponsored by I.S.A and RGUHS, at Bellary and chaired a session on Supraglottic Airways on 2-9-2012
38. Attended 60th Annual National Conference of Indian Society of Anaesthesiologists from Dec.26-29, 2012. Chaired session on Chronic pain management

OBGY & GYNAEC.

39. YUVA FOGSI South zone- chaired session on obstetric hemorrhage living in the shadow of the Taj : Dr.Nagarathnamma
40. Meet the teacher session at IMSA conference : Dr.Rupakala
41. Maternal disorders complicating pregnancy at Annual FOGSI conference: Dr.Sailakshmi

PAEDIATRICS

42. Dr.prema chaired one session in national adolescent conference 2012
43. Dr.prema chaired session meningococcal disease at annual cme at nimhans (iap vps)
44. Dr.prema presented oral presentation poor scholastic performance at imascon 2012

45. Dr.prema participated in pediatric penal discussion on parenting for pediatricians at nimahans
46. Dr.prema made oral presentation on anemia among adolescent at the launch of mission kishore uday at kims bangalore.
47. Dr.adarsh -- pedicon 2009

Fact Data Sheet-9. Books and chapters authored

ANATOMY

Dr B Sathyamurthy

1. Article on “Vaidyakiyadalli hasya” in Vaidyasahithya sammhelana.

PHYSIOLOGY

2. MCQs in Human Physiology by Dr. Avjot Kaur (2010) – Jaypee Brothers.
3. Practical Manual of Histology for medical students by Dr. Neelkanth Kote Ist edition (2009)- Jaypee Brothers.

BIOCHEMISTRY

4. Books and chapters authored: One chapter – Chemistry of carbohydrates.
   Dr H.V.Shetty , Professor & HOD, Biochemistry, RRMC & H, Bangalore started to write Text book of Biochemistry

COMMUNITY.MED

5. **Dr. Shashikala Manjunatha,** Associate Editor, Journal of Medical Sciences, Official Publication of Rajarajeswari Medical College & Hospital, Bengaluru, Karnataka (India), April 2013, Vol.1, Issue. 1

SKIN & VD

Dr. Umashankar

6. Deputy Editor, Text book of Cutaneous Surgeons of India. Authored 3 chapters.
7. Nail cosmetics in Text Book of Nail & Its Disorders; Editor- Dr. S Sacchidananda

SURGERY

8. Standard essential drugs published by Pharmacy council of India-Dr. M Seshasayi.
9. Chapters in General Surgery-Dr. M.Seshasayi

ORTHOPAEDIC

10. Dr.Rajagopalan.N., Professor and HOD has authored a chapter on Conservative management Fractures of the Lumbar Spine , in a book brought out by Association of Spine Surgeons of India, tilted “ Text book of Trauma and Infections of the Spine”

E.N.T.

Dr. Vishwas –Chapter on Analysis of Ageing Face

Reviewer: Dr. Vishal Rao etal

11. Cochrane

12. Oral oncology
13. Achieves of otolaryngology and head and Neck Surgery- Official journal of American Head and Neck Society
14. Current oncology
15. Laryngoscope
16. Indian Journal of Cancer
17. International journal of head and neck surgery

    Author for Medicine, an American online clinical medical knowledge base

    Author for the section on “Journal Scan “in **The International Journal of Head and Neck Surgery**

PAEDIATRICS

18. Dr.Sunil : Bedside application of CPAP

Fact Data Sheet-10. Conferences attended

ANATOMY

Dr. B. Sathyamuthy:- National conference

1. IMA – NATCON Dec 2011
2. NATCON - Manipal
3. NATCON - Belgaum

State conference

4. Annual conference KCA –Vydehi Medical College& Research Center
5. Annual conference of KCA - Gulburga Medical College
6. Annual conference of KCA - Davangere Medical College

Dr. Balakrishna :- National conference

7. IMA – NATCON Dec 2011

Dr. Ramachandrappa GK :-National conference

8. IMA – NATCON Dec 2012, kanyakumary
9. IMA – NATCON Dec 2011, Bangalore
10. IMA – NATCON Dec 2010, Nagpur
11. IMA – NATCON Dec 2009, Hyderabad
12. IMA – NATCON Dec 2008, Kerala
13. All India women doctors convention held at Ahmadabad
14. National – IMA – junior doctor's wing convection – Trivandrum
15. Annual conference of hospital board of India, Tamilnadu, held at Chennai

International conference

16. Australian annual medical conference 2012

State conference

17. KCA state conference, Davanagere, Mysore
18. IMA – Karnataka state annual conference - Kollegal, 2012
19. IMA – Karnataka state annual conference - Hubbali, 2011
20. IMA – Karnataka state annual conference - Bellary, 2010
21. IMA – Andhra state annual conference - Mantralaya, Hyderabad, Guntur,
22. IMA – Tamil Nadu state annual conference - Chennai
23. IMA – Kerala state annual conference - Cochin
24. IMA – Maharashtra state annual conference - Bombay

25. IMA – Rajasthan state annual conference - Jaipur

26. Annual convention of IMA- Tripura & Nagaland

Dr. Shruthi:- National conference

27. IMA – NATCON Dec 2011

28. 58th – National conference of Anatomical society of India – Dec, 2010

International conference

29. IMSA – Dr. RR Thukral Sonthess chapters midterm conference Aug.2012

State conference

30. 9th state level Annual conference with workshop of KCA – May2007

31. 12th Annual conference of KCA Aug, 2010

32. 13th Annual conference of KCA Sept, 2011

CME"S & workshops attended

33. National CME on recent advances in embalming & museum techniques

34. CME – The charging trends with newer concepts in field of Physiology, Pharmacology, Biochemistry, & General medicine.

35. CME – on Anthropometry & Dermatoglyphics

36. CME – on Organ transplantation

37. CME – on update on Genetic counseling in clinical practice.

38. CME in Embryology

39. Workshop on Basic Neuro Histological staining techniques.

Dr. Mangala:- National conference

40. 55th NATCON ASI Lokmanya Thilak Municipal med. college, sion**,** Mumbai-26- 29th Dec 2007

41. 57TH NATCON Jawaharlal Nehru Med College, Belgam 26 – 28th Dec 2009

International conference

42. IMSA – Dr. RR Thukral Sonthess chapter's midterm conference Aug.2012

State conference

43. 10TH KCA S. Nijalingappa Med. College Bagalkote 23 – 24 Aug 2008

CME"S & workshops attended

44. CME - on Medical Anthropology

45. CME – on Organ transplantation

46. CME in Embryology-M.S Ramaiah Medical College Bangalore

47. Workshop on special staining for connective tissue, St. John's Medical college Bangalore

Dr. Deepali:- National conference

48. 58th – National conference of Anatomical society of India – Dec,2010, Indore

State conference

49. 12th Annual conference of KCA Bijapur, Sep.2012

CME"S & workshops attended

50. Workshop on special staining for connective tissue, St. John's Medical college Bangalore
51. Computers in Medical Education St. John's Medical college Bangalore
52. Medical Statistics
53. CME in Embryology-M.S Ramaiah Medical College Bangalore
54. CME – Embalmbing- KIMS, Bangalore

Mrs. Padmalatha:- National conference

55. IMA – NATCON Dec 2011

International conference

56. IMSA – Dr. RR Thukral Sonthess chapters midterm conference Aug.2012

CME"S & workshops attended

57. Workshop on anthropometry – Devraj Urs Medical College, kolar, April 2013
58. Workshop on plastination Vydehi Medical College Bangalore, Jun 2013

Miss. Reshma:-National conference

59. IMA – NATCON Dec 2011

State conference

60. 12th Annual conference of KCA Davanagere, Sep.2011

CME"S & workshops attended

61. Workshop on plastination Vydehi Medical College Bangalore, Jun 2013

PHYSIOLOGY

CME

62. "Emerging areas of interest for research in Physiology" - September 2012 at Sri Devaraj Urs Academy of Higher Education & Research, Kolar.
63. "Functional Gastrointestinal Disorders- An Update"- October 2010 at KIMS, Bangalore.

64. National Sleep Medicine Course (NSMC 2012) – December 2012 at NIMHANS B'lore.
65. "Clinical Physiology"- March 2011 at MMC&RI, Mysore.
66. "Exercise Physiology"- December 2009 at Sri Devaraj Urs Academy of Higher Education & Research, Kolar.
67. "Organ Transplantation"- August 2011 at Raja Rajeswari Medical College & Hospital, B'lore.
68. "Multidisciplinary CME programme"- November 2011 at Raja Rajeswari Medical College & Hospital, B'lore in association with International Medical Sciences Academy, Karnataka Chapter (IMSA).
69. "Recent Advances in Polio eradication, measles control & routine immunization"- May 2013 at Raja Rajeswari Medical College & Hospital, B'lore.
70. "Modernizing Medical Training: Replacing Animals in MBBS program" January 2012 at St. John's Medical College, B'lore.

Workshop

71. Three day intensive course on "Clinical Dysmorphology: Genes & Human Developmental malformation" – February 2012 at center for Human Genetics, B'lore.
72. 59th National course on Educational research for health professional (NTTC) for 11days – September 2009 at JIPMER Puducherry.
73. On Global trends in medical education technology (GLOBMET-2012) –March 2012 at D Y Patil University, Kolhapur.
74. Three day Workshop on educational science & technology for Medical teachers –August 2008 at at Raja Rajeswari Medical College & Hospital, B'lore.
75. Three day Workshop on educational science & technology for Medical teachers –August 2010 at Raja Rajeswari Medical College & Hospital, B'lore.
76. Two day Workshop on educational science & technology for Medical teachers –June 2012 atRaja Rajeswari Medical College & Hospital, B'lore.
77. Scientific program on "Basics of Clinical Research" – March 2010 at RGUHS conducted by RGUHS & Piramal Knowledge Academy, B'lore.
78. Two day workshop on "International & Indigenous innovations in Medical & Dental Education" – August 2011 at R V Dental College, B'lore conducted by Faimer Faculty.
79. Pre conference Workshop on "Novel Techniques in Body composition Studies & Mineral metabolism"- December 2010 at St. John's Medical College, B'lore.

80. National workshop on Educational Research – November 2012 conducted by M S Ramaiah Academy of Health & Applied Sciences, B'lore.

Conference

81. Annual National Conference (APPICON 2008) – December 2008 at KMC Mangalore.

82. 22nd Annual PSI Conference and 2nd Biennial SAAP Conference- December 2010 at St. Johns Medical College, Bangalore.

83. 86th Annual National Conference IMA NATCON 2011- December 2011 held at Raja Rajeswari Medical College & Hospital, B'lore.

84. International Conference organized by IMSA, Karnataka Chapter and Raja Rajeswari Medical College & Hospital, B'lore – August 2012.

BIOCHEMISTRY

Attended by Post graduate student Dr. Reena R.

Sl. No.	Date	CMEs/workshops/conferences/CPCs attended
85.	22/06/2011	Symposium on Rheumatoid Arthritis by Rheumatologist Dr. Sadananda
86.	22/06/2011	Communication skills by Mrs. Aparna Microtechnologists
87.	23/07/2011	Automation in Microbiology by Dr. Vibhore Awasthy
88.	25/07/2011	Post graduate orientation programme on Dissertation work Dr.Pradeep
89.	05/08/2011	Organ Transplantation (Zonal Co-ordination committee of Karnataka for Transplantation)
90.	19/08/2011	CME on Genetics at SSMC, Tumkur
91.	27/08/2011	CME on Recent advances in Molecular Diagnosis at JSS Medical College, Mysore
92.	14/09/2011	Talk on USMLE examination by American Medical Education
93.	23/09/2011	Contrast induced nephropathy by Dr. Harsha (Columbia Asia Hospital)
94.	28/09/2011	CME on Pharmaco vigillance by Dr. Parthasarsthy JSSMC, Mysore
95.	20/10/2011	CME on "Limb salvage where are we?" by Dr. Pramod S. Chinder
96.	02/11/2011	Multidisciplinary CME organized by International Medical Sciences Academy on Thyrotoxicosis, Osteoarthritis, Euthenesia, Rheumatoid arthritis

97.	08/11/2011	CME on Cutaneous medicine lecture series
98.	09/11/2011	CME on eye donation and Keratoplasty by Dr. Ravi prakash
99.	22/11/2011	Diabetes in India-overview by Dr.Krishna Diabetic nephropathy treating Indias poor by Dr. Vidyashankar
100.	8 to 10th 12/2011	Post graduate Lecture series organized by RGUHS, Karnataka science and Technology academy

Post graduate student Dr. Reena R.

Sl. No.	Date	CMEs/workshops/conferences/CPCs attended
101.	2/01/2012	Work shop on Applications of Biochemical techniques (Electrophoresis and Chromatography)
102.	22/01/2012	CME on Anal;ytical errors in clinical Laboratory at NIMHANS convention centre
103.	26//02/2012	CME on Biochemical markers in Anemia at St. Johns Medical College
104.	04/03/2012	CME on St. Johns State level Diabetes summit -2012
105.	29/03/2012	CME on International classification of Disease
106.	31/03/2012	CME on Medical writing by Dr. Anil Sharma
107.	12/04/2012	CME on "what is normal Physiology by Dr. Mariovaz, St. Jhons Medical College
108.	13/04/2012	CME on "Updates in Tuberculaosis treatment" by Dr. Balalji Nayak
109.	20/04/2012	"Translational Research and Project Lead Safe" by Dr. Venkatesh Thuppil St. Johns Medical College- organized by Department of Biochemistry RRMCH
110.	23/07/2012	CME on practical approach to Basic QC practices, Preanalytical and Analytical aspcects St.Johns Medical College
111.	3rd to 4th 08/2012	International Medical Sciences Academy Conference
112.		CME on Organ donation and Liver transplantation
113.	10/10/2012	CMe on Inborn Errors of Metabolism Sri Devaraj UrsMedical College
114.	12/12/2012	Work shop on "Haemoglobinopathies"
115.	13thto 14th 12/2012	39th ACBICON 2012 Ranchi

116.	12/2012	Attended talk by NABH persons

Attended by post graduate student Dr. Reena R.

Sl. No.	Date	CMEs/workshops/conferences/CPCs attended
117.	28/02/2013	CME on Glycated Hb assay techniques, interpretation and trouble shooting at St. John's Medical College
118.	10/02/2013	25th Annual conference IMA –CGHS at API Bhavan
119.	08/03/2013	symposium on "Pheochromocytoma"
120.	05/04/2012	Interdepartmental clinical case presentation "Adenocarcinoma of Jejunum with Metastasis"

Post graduate student Dr. Manjula K.S.

Sl. No.	Date	CMEs/workshops/conferences/CPCs attended
121.	22/06/2011	Symposium on Rheumatoid Arthritis by Rheumatologist Dr. Sadananda
122.	22/06/2011	Communication skills by Mrs. Aparna Microtechnologists
123.	23/07/2011	Automation in Microbiology by Dr. Vibhore Awasthy
124.	25/07/2011	Post graduate orientation programme on Dissertation work Dr.Pradeep
125.	05/08/2011	Organ Transplantation (Zonal Co-ordination committee of Karnataka for Transplantation)
126.	19/08/2011	CME on Genetics at SSMC, Tumkur
127.	27/08/2011	CME on Recent advances in Molecular Diagnosis at JSS Medical College, Mysore
128.	14/09/2011	Talk on USMLE examination by American Medical Education
129.	23/09/2011	Contrast induced nephropathy by Dr. Harsha (Columbia Asia Hospital)
130.	28/09/2011	CME on Pharmaco vigillance by Dr. Parthasarsthy JSSMC, Mysore
131.	20/10/2011	CME on "Limb salvage where are we?" by Dr. Pramod S. Chinder
132.	02/11/2011	Multidisciplinary CME organized by International Medical Sciences Academy on Thyrotoxicosis, Osteoarthritis, Euthenesia, Rheumatoid arthritis
133.	08/11/2011	CME on Cutaneous medicine lecture series
134.	09/11/2011	CME on eye donation and Keratoplasty by Dr. Ravi prakash

135.	22/11/2011	Diabetes in India-overview by Dr.Krishna Diabetic nephropathy treating Indias poor by Dr. Vidyashankar
136.	8 to 10th 12/2011	Post graduate Lecture series organized by RGUHS, Karnataka science and Technology academy

Attended by Dr. Manjula K.S.

Sl. No.	Date	CMEs/workshops/conferences/CPCs attended
137.	2/01/2012	Work shop on Applications of Biochemical techniques (Electrophoresis and Chromatography)
138.	22/01/2012	CME on Anal;ytical errors in clinical Laboratory at NIMHANS convention centre
139.	26//02/2012	CME on Biochemical markers in Anemia at St. Johns Medical College
140.	04/03/2012	CME on St. Johns State level Diabetes summit -2012
141.	29/03/2012	CME on International classification of Disease
142.	31/03/2012	CME on Medical writing by Dr. Anil Sharma
143.	12/04/2012	CME on "what is normal Physiology by Dr. Mariovaz, St. Jhons Medical College
144.	13/04/2012	CME on "Updates in Tuberculaosis treatment" by Dr. Balalji Nayak
145.	20/04/2012	"Translational Research and Project Lead Safe" by Dr. Venkatesh Thuppil St. Johns Medical College- organized by Department of Biochemistry RRMCH
146.	23/07/2012	CME on practical approach to Basic QC practices, Preanalytical and Analytical aspcects St.Johns Medical College
147.	3rd to 4th 08/2012	International Medical Sciences Academy Conference
148.		CME on Organ donation and Liver transplantation
149.	10/10/2012	CME on Inborn Errors of Metabolism Sri Devaraj UrsMedical College
150.	12/12/2012	Work shop on "Haemoglobinopathies"
151.	13thto 14th 12/2012	39th ACBICON 2012 Ranchi
152.	12/2012	Attended talk by NABH persons

Attended by Dr. Manjula K.S.

Sl. No.	Date	CMEs/workshops/conferences/CPCs attended
153.	28/02/2013	CME on Glycated Hb assay techniques, interpretation and trouble shooting at St. Jhons Medical College
154.	10/02/2013	25th Annual conference IMA –CGHS at API Bhavan
155.	08/03/2013	symposium on "Pheochromocytoma"
156.	05/04/2012	Interdepartmental clinical case presentation "Adenocarcinoma of Jeunum with Metastasis"

PHARMACOLOGY

157. "New frontiers in Medical science" on 3rd and 4th of August 2012 at RRMCH organized by IMSA.Dr.Basavaraj Bhandare , Dr.Meena, Dr.Jyotirmoy ,Dr.Naveen Poojar ,Dr.Poornima.B
158. "Modernizing Medical Training: Replacing Animals in MBBS program" on 16th January 2012 at St. John's Medical college, Bangalore.Dr.Anand.R.Kalamdani, Dr.Prasad.S R
159. " A National Conference organised by IMA on 27th to 29th December 2011 at RRMCH – Bangalore - Attended by all staff members "Cutaneous Medicine lecture series (CMLS)" on 8th November 2011 at RRMCH organised by Department of Dermatology, RRMCH All Staff
160. "Public Health Emergencies & Disasters: Preparedness & Response" Training Programme, 19th - 23rd sept-2011, organized by Dept of Community Medicine, RRMC&H, Bangalore, India & Health Protection Agency, Birmingham, United Kingdom.Dr.Basavaraj Bhandare: **As External Evaluator**
161. "Organ Transplantation" on 5th Aug-2011 at RRMC&H, organized by International Medical Sciences Academy Karnataka Chapter.All Staff
162. "Career Sculpting For Pharmacologists" on 23rd June-2011 at Mangalore, organized by Dept of Pharmacology, KMC, Mangalore & Mpower Institute of Clinical Research.Ms.Shruti
163. "Workshop on Pharmacovigilance" on 29th – 30th Mar-2011, organized by Dept of Pharmacology, JIPMER, Pondicherry.
    Dr.Basavaraj Bhandare , Dr.Anand.R.Kalamdani , Dr.Satyanarayana.V
164. "Pharmacovigilance In India" on 12th Feb-2011 at Bangalore, organized by The Indian Pharmaceutical Association, Karnataka State Branch, Bangalore.

Dr.Basavaraj Bhandare , Dr.Satyanarayana.V

165. "Clinical Pharmacy & Antibiotic Policy" on 28th Oct-2010 at Kolar, organized by Sri Devaraj Urs Academy of Higher Education & Research, Kolar.

Dr.Basavaraj Bhandare, Dr.Satyanarayana.V, Dr.Prasad.S.R

166. "Stem Cells: Research & Clinical Applications" on 24th May-2010 at Bangalore, organized by Vydehi Institute of Medical Sciences & Research Centre, Bangalore.
Dr.Basavaraj Bhandare , Dr.Anand.R.Kalamdani , Dr.Prasad.S.R

PATHOLOGY

Dr.T.Rajaram

Dr. V.Mahanthachar

Dr. Sharmila.P.S

	Name of the Conference	Sponsoring Agency	Place, Month & Year
167.	1. Participation as delegate in CME and Immunohistochemistry work shop.	JNMC	Belgaum, June 1991
168.	2. CME of FSBIT immunohematology.	26th National conference & CME	1st – 3rd Feb – 2002
169.	3. Participation as delegate in CME on Dermatopathology.	St. John's Medical College	Bangalore, 16th May 2003
170.	4. Participation in Transfusion Pathology of HIV	Bangalore Medical College	Bangalore, 19th Aug. 2004
171.	5. Participation in Conference as delegate in 3rd annual conference	KCIAPM at Vydhehi Medical College	Bangalore, 29th – 30th Oct. 2004.
172.	6. Participation as delegate in CME on soft tissue Pathology	BMC & RH	Bangalore, 10th Jan 2009
173.	7. Participation as delegate in CME on changing trends with the newer concepts in fields of physiology, Pharmacology, Biochemistry and General Medicine.	RRMCH	Bangalore, 8th - 10th Dec 2011
174.	8. Case presentation "Unusual case of right sided colonic carcinoma	RRMCH	Bangalore, Sept. 2006

175.	9. As delegate in 2nd National CME in hematology.	M.S Ramaiah Medical College	Bangalore, Aug. 2010
176.	10. 39th annual KCIAPM state conference	NIMHANS	Bangalore, 6th – 9th sep 2012
177.	11. IMSA Conference	RRMCH	Bangalore, Oct 2012
178.	12. IMA National Conference	RRMCH	Bangalore Dec 2011

Dr. Jyothi A Raj

	Name of the Conference	Sponsoring Agency	Place and Date
179.	1. IMSA Conference	RRMCH	Bangalore, Oct 2012
180.	2. IMA National Conference	RRMCH	Bangalore Dec 2011
181.	3. Participation in Transfusion Pathology of HIV	Bangalore Medical College	Bangalore, 19th Aug. 2004
182.	4. Participation as delegate in CME on soft tissue Pathology	BMC & RH	Bangalore, 10th Jan 2009
183.	5. Participation as delegate in CME on changing trends with the newer concepts in fields of physiology, Pharmacology, Biochemistry and General Medicine.	RRMCH	Bangalore
184.	6. 39th annual KCIAPM state conference	NIMHANS	Bangalore, 6th – 9th sep 2012

Dr. Sushma.T.A

	Name of the Conference	Sponsoring Agency	Place and Date

185.	1.Current Perspectives on Tumour & Tumour-Like Lesions of the Bone	St. Johns Medical College	Bangalore, Aug 2005
186.	2. Indo-Australian Haemoato-Oncology	BIO	Bangalore, Oct 2005
187.	3.Cyto solutions 2005	BMC&RI	Bangalore, Oct 2005
188.	4. Slide Seminar	Department of Oral Pathology & Microbiology, CODS	Davangere, Jan 2006
189.	5.Patho Vision 2006	MMC	Mysore, Feb 2006
190.	6.Progress in Pathology An International Update	St. Jhons Medical college	Bangalore, Feb 2006
191.	7.12th National CME in Heamatology	Bombay Hospital	Bombay, Apr 2006
192.	8.25th CME & PG course in Pathology	JNMC	Belgam, Jun 2006
193.	9.Post Graduate CME in Haematology	CMC	Vellore, July 2006
194.	10.Molecular Genetics in Medicine	CMC	Vellore, July 2006
195.	11. 55th Annual Conference of IAPM	KCIAPM	Bangalore, Dec 2006
196.	12. Integrated CME on Liver And Prostatic Pathology	MS Ramaiah Medical College	Bangalore, Jan 2007
197.	13.CME in Lung Pathology	St. Johns Medical College	Bangalore, Jan 2007
198.	14.Mid Year Teaching Programme on Renal & Male Genitourinary System 2007	TN Medical College	Bombay, Feb 2007
199.	15.International Dermotopathology Symposium	St. Jhons Medical	Bangalore,

		College	Apr 2007
200.	16.Patho Feast 07	KIMS	Hubli, Jul 2007
201.	17. 34th annual KCIAPM state conference	JJM Medical College	Davangere, Nov 2007
202.	18. CME on soft tissue Pathology	BMC & RI	Bangalore, Jan 2009
203.	19.Rational usage & Recent Trends in Blood Component Therapy in Modern Clinical Practice	BGS Global Hospital	Bangalore, Jun 2009
204.	20.CME on Liver Pathology and Role of PCR in Sarcomas	SDU Medical College	Kolar, Jul 2010
205.	21. CME on Gyn-oncopathology, The corner stone of care in Gynecologic Oncology	St. Jhons Medical College	Bangalore, Nov 2010
206.	22. Participation as delegate in CME on Organ Transplantation .	RRMCH & IMSA	Bangalore, Aug 2011
207.	23. IMA Conference	RRMCH	Bangalore, Jun 2011
208.	24. Orientation Programme on NABH Accreditation	RGUHS	Bangalore, Nov 2011
209.	25. Participation as delegate in CME on changing trends with the newer concepts in fields of Pathology, physiology, Pharmacology, Biochemistry and General Medicine.	RRMCH	Bangalore, 8th - 10th Dec 2011
210.	26. Mid Year Teaching Programme of IAP-ID on Pathology of Endometrium and Ovary	MVJ Medical College	Bangalore, Jun 2012
211.	27.Workshop on Educational Science & Technology for Medical Teachers	MEU, RRMCH	Bangalore, Jun 2012
212.	28. 39th annual KCIAPM state conference	NIMHANS	Bangalore, 6th – 9th sep 2012

213.	29. IMSA Conference	RRMCH	Bangalore, Oct 2012
214.	30. Hands on workshop on Immunohistochemisty	St. Johns Medical College	Bangalore, Sep 2013

Dr. Shashikala.K

	Name of the Conference	**Sponsoring Agency**	**Place and Date**
215.	1. 1st National CME Pathology	MVJMC	Bangalore, Aug 2008
216.	2. CME on soft tissue Pathology	BMC & RI	Bangalore, Jan 2009
217.	3. 1st National CME in Haemotology	M.S.Ramaiah Medical College,	Bangalore, Aug 2009
218.	4. 2nd National CME Pathology	MVJMC	Bangalore, Feb 2010
219.	5. Cytoquest	MMC&RH	Mysore, 2009
220.	6. CME flow Ctyometry	M.S Ramaiah Hospital	Bangalore, 2009
221.	7. 27th CME&PG Course in Pathology		Bangalore, 2009
222.	8. 28th CME&PG Course in Pathology		Bangalore, 2009
223.	9. Workshop on Immunohistochemistry	St.Jhon's Medical College	Bangalore, June 2009
224.	10. 36th KCIAPM, Annual State CME & Conference	JSS Medical College	Mysore, Oct 2009
225.	11. Cytology CME-2010	Indian Academy of cytology	Bangalore, 2010
226.	12. Won 1st prize for Oral Paper Presentation – Unusual Presentations in Tuberulosis	Vinayaka Medical College	Tamil Nadu, 2010

227.	13. Oral Paper presentation: Squmous cell carcinoma of endometrium with extensive icthyosis uteri	JSSMC	Mysore, 2010
228.	14. Attended Slide Seminars	Indian Association of Pathologists & Microbiologists	Between 2008-2011
229.	15. Immuno techniques workshop	ChanRe Diagnostics	Bangalore, 2013
230.	16. CME on female genital Pathology	MVJMC	Bangalore, 2012

Dr. Shushan Shweta Jayker

	Name of the Conference	**Sponsoring Agency**	**Place and Date**
231.	1. 1st National CME Pathology	MVJMC	Bangalore, Aug 2008
232.	2. CME on soft tissue Pathology	BMC & RI	Bangalore, Jan 2009
233.	3. 1st National CME in Haemotology	M.S.Ramaiah Medical College,	Bangalore, Aug 2009
234.	4. Workshop on Immunohistochemistry	St.John's Medical College	Bangalore, June 2009
235.	5. 36th KCIAPM, Annual State CME & Conference	JSS Medical College	Mysore, Oct 2009
236.	6. Cytology CME-2010	Indian Academy of cytology	Bangalore, 2010
237.	7. CME on female genital Pathology	MVJMC	Bangalore, 2012
238.	8. Immuno techniques workshop	ChanRe Diagnostics	Bangalore, 2013

MICROBIOLOGY

Sl. No.	DATE		CME/WORKSHOP/CONFERENCE/CPC	TOPIC	VENUE	SPEAKER
239.	14/06/2011	CME	HEPATITIS 'B'	RRMCH	DR. S.M.MANJUNATH	DR.KAUSALYA & DR.KANTHISHREE
240.	22/06/2011	CME	RHEUMATOID ARTHRITIS	RRMCH	DR.B.G.DHARMANAND	DR.KAUSALYA & DR.KANTHISHREE
241.	9/07/2011	IAMM-KC	DIARRHOEAL DISEASES	JNMC BELGAUM	--	DR.KAUSALYA & DR.KANTHISHREE
242.	22/7/2011	CME	AUTOMATION IN MICROBIOLOGY	RRMCH	DR.VIBHA ORE AWASTHY	DR.KAUSALYA & DR.KANTHISHREE
243.	05/08/2011	CME	ORGAN TRANSPLANT	RRMCH	--	DR.KAUSALYA & DR.KANTHISHREE
244.	26/08/2011	WORKSHOP	INTERPERSONAL SKILLS	RRMCH	DR.REDDY	DR.KAUSALYA & DR.KANTHISHREE
245.	17/09/2011	WORKSHOP	MYCOLOGY	VIMS BELLARY	--	DR.KAUSALYA & DR.KANTHISHREE
246.	23/09/2011	CME	CONTRAST INDUCED NEPHROPARTHY	RRMCH	DR.HARSHA.C	DR.KAUSALYA & DR.KANTHISHREE
247.	28/09/2011	WORKSHOP	PHARMACOVIGI LANCE	RRMCH	DR.PATHASARATHY	DR.KAUSALYA & DR.KANTHISHREE
248.	20/10/2011	CME	LIMB SALVAGE IN MUSCELOSKELETAL TISSUE TUMORS	RRMCH	DR.ROSHAN KUMAR	DR.KAUSALYA & DR.KANTHISHREE

249.	2/11/2011	IMSA	STEM CELLS IN NEUROLOGICAL DISORDER	RRMCH	DR.PRASANNA.K.V.	DR.KAUSALYA & DR.KANTHISHREE
250.	8/11/2011	CME	DERMATOLOGY – DRUG REAN,SYSTEMIC DISEASES, WOUND DRESSIYS, PHYSIOLOGICAL ASPECTS OF PSORIASIS	RRMCH	DR.UMASHANKAR	DR.KAUSALYA & DR.KANTHISHREE
251.	9/11/2011	CME	OPHTHALMOLOGY EYE BANKING	RRMCH	--	DR.KAUSALYA & DR.KANTHISHREE
252.	8/12/2011	WORKSHOP	--	RRMCH	---	DR.KAUSALYA & DR.KANTHISHREE
253.	27/12/2011	IMA	--	RRMCH	--	DR.KAUSALYA & DR.KANTHISHREE
254.	6/01/2012	WORKSHOP	IMMUNOFLORESENCE	BANGALORE	---	DR.KAUSALYA & DR.KANTHISHREE
255.	18/02/2012	CME	CURRENT CONCEPTS OF IMMUNOFLORESENCE	ST.JOHN'S MEDICAL COLLEGE AT BANGALORE	--	DR.KAUSALYA & DR.KANTHISHREE

256.	19/02/2012	CONFERENCE	IMMUNOLOGY	ST.JOHN'S MEDICAL COLLEGE AT BANGALORE	DR.JAYASHREE	DR.KAUSALYA & DR.KANTHISHREE
257.	31/03/2012	CME	WRITING SKILLS	RRMCH	---	DR.KAUSALYA & DR.KANTHISHREE
258.	03/08/2012	IMSA	CONFERENCE	RRMCH BANGALORE	--	DR.KAUSALYA & DR.SHALINI
259.	10/08/2012	CME	ORGAN DONATION NEED FOR HOURS & LIVER TRANSPLANATION	RRMCH	---	DR.KAUSALYA & DR.SHALINI
260.	15/09/2012	----	IAMM-KC CHAPTER MEET-2	ESI BANGALORE	DR.AMAL & DR.LAKKANNA	DR.KAUSALYA & DR.SHALINI
261.	14/12/2011	MMC	IAMM-KC CHAPTER MEET-3	MYSORE	--	DR.SHALINI
262.	18/12/2012	--	SUDDEN DEATH OF AN ADULTS	RRMCH	DR.RAJARAM	DR.KAUSALYA & DR.SHALINI
263.	29/01/2013	--	SUDDEN DEATH DUE TO TRIVIAL INJURY	RRMCH	DR.RAJARAM	DR.KAUSALYA , DR.SHALINI , DR.HARSHIKA
264.	05/02/2013	SYMPHOSIUM	VACCINES FOR INDIA INNOVATIONS & ROADMAP	ST.JOHN'S	DR.GANGULY	DR.SANGEETHA.S (PROF.& HOD) DR.HARSHIKA

265.	16/02/2013	CME	"HOW TO WRITE A RESEARCH PAPER"	ST.JOHN'S	DR.SUBASH CHANDRA PARIJA,	ALL STAFF

FMT

266. SIMLA Conference Pondicherry

COMMUNITY.MED

Dr. Shashikala Manjunatha

267. Resource Person: Polio Surveillance Training Programme - National Polio Surveillance Project - WHO Centre - Epidemic Diseases Hospital, Bangalore. Mar 2004.
268. Medical Education Sciences & Technology Workshop – RRMCH, July 15th – July 17th 2008.
269. Participated as Delegate in the Workshop on changing trends & newer concepts in the field of Physiology, Pharmacology, General Medicine (2009)
270. Meeting on "Swine Flu" at health Commissioner's Office, Bangalore (2009).
271. Resource Person – KHPT – Karnataka Health Promotion Trust – Proposal Writing Workshop – Global Fund Project, on 12/06/09.
272. Participated as delegate in KACH – Karnataka Association of Community Health, held at JSS Medical College, Mysore, on 10th & 11th Oct 2009.
273. Participated as delegate in IAOH – Indian Association of Occupational Health, held at Bangalore, on 14/06/2009
274. RGUHS workshop:-" The Right to Health: A Fundamental Human Right for Health & Medical Care" (2010)
275. Participated as delegate in KACH – Karnataka Association of Community Health, held at Sri Devaraj Urs Medical College, Kolar, on 23rd Oct 2010.
276. Participated as delegate in IAPSMCON – Indian Association of Preventive & Social Medicine Conference, held at Rajendra Institute of Medical Sciences, Ranchi, on Feb – 22-24 – 2010, Ranchi.
277. Chief organizer: Occupational Health & Safety Work shop: RRMCH: 11/ 8/ 10.
278. Resource Person – State Level Kannada Vaidya Parishat Conference held at RajaRajeswari Medical College, Bangalore, on 14th Oct 2011

279. Participated as delegate in Cutaneous Medicine Lecture Series, conducted by Department of Dermatology, Venerology & Leprosy, RRMCH, Bangalore, on 8th Nov 2011.
280. Participated as delegate in Annual National Conference conducted by IMA, Indian Medical Association, at RRMCH, Bangalore, on 27th – 29th Dec 2011.
281. Participated as delegate in KACH – Karnataka Association of Community Health, held at S Nijalingappa Medical College, Bagalkot, on 3rd & 4th Nov, 2012.
282. Resource Person – Occupational Health & Safety & Health Promotion Education –RV College of Engineering, Bangalore, on 16/04/13.
283. Key note Address (Welcome Address) – *RRMCH,CME on Poliomyelitis Eradication, Measles Control, Routine Immunization, in Collaboration with WHO Country Office, on 03/05/13.*

Dr.Jayanth Kumar.K:

284. Recent Trends in Health care & Medicine: - Association of Physiologists & Pharmacologist of India. Ilarnation chapters at RRMCH, Bangalore.
285. Attended KACH Conference held at JSS Medical College Mysore, 10th & 11th October 2009

Dr.Srividya.V:

286. Participated as delegate in 17th KACH Conference at St. John's, Bangalore, 11th March 2005
287. Participated as facilitator for Workshop on Problem Solving for Better Health, MSRMC Bangalore, 2nd June 2005 as facilitator
288. Attended the 19th Annual conference of KACH at Kempegowda Institute of Medical Sciences , Bangalore, October 2007
289. Participated as delegate in Annual conference of KACH at JSS Medical College, Mysore, 10th & 11th October 2009
290. Attended a meeting on Planning strategies for the control of vector-borne diseases held at Urban Health & Family Welfare Training Centre, Bangalore
291. Participated as delegate in Bengaluru Road Safety & Injury Prevention Programme,(A
292. Joint ICMR, WHO & NIMHANS collaborative initiative) Annual Stake Holders Consultation meeting for the year 2010 and in 2011 held at NIMHANS
293. Resource Person, Workshop on "RNTCP- TB/HIV" for Medical officers of various Primary Health Centers, held at State Tuberculosis Institute, Bangalore

294. Resource Person, Workshop on "Health Care Waste Management" for Medical officers of various Primary Health Centers, held at State Institute of Health & Family Welfare, Bangalore
295. Participated in the workshop on educational science & technology for Medical teachers conducted by members from RGUHS, held at RRMCH, (September2010, July 2012)
296. Attended a training programme on HIV/AIDS & NACP III conducted by KSAPS at KIMS, Bangalore (March 2011)
297. Participated in a sensitization workshop on IDSP conducted by State Surveillance Unit, Karnataka held at State Institute of Health & Family Welfare, Bangalore (March 2011)
298. Participated in workshop on pre-service training of Medical undergraduates for Continuum of Care of Common Chronic Conditions, held at St. John's medical College, Bangalore, conducted in collaboration with WHO & KHPT (September 2011)
299. Workshop on Pre-service Training of Medical undergraduates for Continuum of Care of Common Chronic Conditions, conducted by Dept of Community Medicine, RRMCH in collaboration with St. John's medical College, WHO & KHPT (November 2011)

National: India

300. First Bi–Annual Conference of ISHWM, MSRMC, Bangalore, 4th November 2004.
301. Attended and made a poster presentation of a scientific paper titled "Making a Diagnosis: Exploring the Interns Perspective" at Joint National Conference of IAPSM/ IPHA at S V Medical college, Tirupati, 21/1/06 to 24/01/06
302. Attended IPHA Golden Jubilee Programme at KIMS, Bangalore 26/9/06
303. Participated as member of organizing committee in Annual National Conference conducted by IMA, Indian Medical Association, at RRMCH, Bangalore, on 27th – 29th Dec 2011.
304. Participated as delegate in Annual National Conference of IPHA- Indian Public Health Association, conducted by IMA, Indian Medical Association, held at Kochi, Kerala, on 10th- 12th February 2012
305. Participated as delegate in workshop on HIV/AIDS- Mentoring & Consultancy of Community Care Centers, held at Chennai, organized by TANSACS (July 2009)
306. Participated as delegate in the RNTCP, Zonal Task Force Workshop held at Pondicherry (2009), at SRM Medical College in Chennai (2010)

307. Participated as organizer & Resource Person in training course on "Infectious Disease Epidemiology & Health Protection" for postgraduates & junior faculty of Dept of Community Medicine from various Medical Colleges in Karnataka, Andhra Pradesh & Tamil Nadu conducted by Department of Community Medicine, RRMCH in collaboration with HPA, Birmingham, UK (April 2010,2011,2012)
308. Participated as organizer & Resource Person in training course on "Public Health Emergencies & Disasters; Preparedness & Response" for postgraduates & junior faculty of Dept of Community Medicine from various Medical Colleges in Karnataka, Andhra Pradesh & Tamil Nadu conducted by Department of Community Medicine, RRMCH in collaboration with HPA, Birmingham, UK (October 2010,2011,2012)

International

309. Workshop on Sound Health Care Waste Management. WHO / HCWM CELL – MSRMC, Bangalore, 15/11/06
310. Participated as delegate in IMSA – International Medical Sciences Academy
311. Conference in RRMCH - Aug 3rd – 4th 2012.

Dr.A.C.Shyam

312. State Institute of Health & Family Welfare: Resource person for Hospital Waste Management & Hand Washing techniques for Medical Officers & other paramedical staff
313. Attended workshop on Community Care Center for Karnataka Health Promotion Trust, June 2009.
314. Attended International Conference on IHD held at Bangkok, June 2009.
315. Attended International Conference on Diabetes update at Chang Mai, Thailand, Nov2009.
316. Attended international conference on cardiology held at Hongkong.
317. Attended international conference on cardiology update at Dubai, UAE
318. Attended international conference on Diabetes at Cape Town, South Africa.
319. Attended diabetes update programme held at Singapore.
320. Attended international conference on Diabetes at Zurich, Switzerland.

Mr. Paramashivaiah.A.H

321. Participated in the 30th Annual Conference of Indian Association the study of Population on Population, Gender and Health held at Institute for Social and Economic Change, Bangalore during 17-19 Oct-2008

322. Participated in the 6th International Conference of Indian Association for Social Sciences Health held at Pondicherry University, Puducherry form 07-08 March 2009
323. Participated in the CME- the changing trends with newer concepts in field of Physiology, Pharmacology, Biochemistry & General Medicine" on the 7th August 2009. Held at Rajarajeswari Medical College & Hospital
324. Participated in the Cutaneous Medicine Lecture Series (Cmls) as delegate held at Rajarajeswari Medical College & Hospital on Tuesday 8th November -2011 Participation in the National Workshop on "Statistical Methods for Clinical Trials" conducted by Dept of Statistics, National Institute for Research in Tuberculosis, ICMR, Chennai , 19-20 December-2012

GEN. MEDICINE

325. EASD (European Association for Study of Diabetes) 2011
326. EASD (European Association for Study of Diabetes) 2012
327. APICON – 2011
328. APICON – 2012
329. ADA Conference 2012
330. IMSA Conference 2012
331. DEBATE – 2012
332. ITSCON (Indian Thyroid Society Conference 2013) Bangalore.
333. INTERNATIONAL DIABETES CONGRESS 2013 COCHIN

SKIN & VD

Dr. Vivekananda.

334. ACSICON -2013 Bangalore.
335. Dermatopathology Conference 2012 Mangalore.
336. MIDDERMACON-2012 Hyderabad-Secunderabad.
337. ONYCHOCON-2012, Bangalore.
338. VITLICON-2011 Bangalore.
339. DERMACON -2009, Bangalore.

Dr.Umashankar. N.

340. ACSICON -2013 Bangalore.
341. ONYCHOCON-2012, Bangalore.
342. CUTICON-KN, 2012 Bidar.

343. VITLICON-2012, Shimla.
344. DERMACOM-2012, Jaipur.
345. Karnataka State IADVL Conference-2011, Mandya.
346. NATIONAL CONFERENCE OF ASSOCIATION OF CUTANEOUS SURGEONS OF INDIA-2011, Kaziranga.
347. CUTICON-2010, Raichur.

Dr.Belliappa.

348. ACSICON -2013 Bangalore.

Dr. Leena C.B.

349. ACSICON -2013 Bangalore.
350. AESTHETICS- 2012, DELHI.
351. ONYCHOCON-2012, Bangalore.
352. CUTICON-2011, Mysore.

Dr.Sapnashree Bhaskar.

353. National CME IN Pathology-2010.
354. National CME IN Pathology-2008.
355. State CME- EVOLVING TRENDS IN PAEDIATRIC EMERGENCIES.
356. PAEDITRICDERMATOLOGY STATE CONFERENCE- 2008.

PSYCHIATRY

Conferences attented by Dr Hebbar S.

357. KANCIPS 2009: Indian psychiatric society, Karnataka chapter
CBT work shop at NIMHANS 2009
358. IMA national conference 2011

Conferences attended by Dr Amar Bavle

359. national level(ANCIPS) and 3 state level conferences (KANCIPS)

Conferences attended by dr Vishnuvardhan

360. IPS and KIMS Bangalore – CHITTAVICHARA – 5TH AND 6TH MARCH 2011 at Bangalore.
361. IPS – SOUTH ZONE – PG CME, 12TH AND 13TH JUNE 2010 at Chennai.
362. IPS – NORTH ZONE – PG Training Programme, 6th to 9th SEPTERMBER 2010 at Shikar, Rajasthan.
363. RRMCH – PG CMLS, 8TH NOVEMBER 2011.
364. IPS – 65TH ANCIPS, 10TH TO 13TH JANUARY 2013 at Bangalore.

365. IPS – 60TH ANCIPS, 3RD TO 6TH JANUARY 2008 at Kolkata.
366. IPS – KSB – PG CME, 2008 at Davangere.
367. IMA – 86TH ANNUAL NATIONAL CONFERENCE, 27TH TO 29TH DECEMBER 2011.

SURGERY

368. ASICON 2007 – Dr. Venkatesh, Dr. Seshasayi, Dr. B J Shreekantaiah, Dr. RevanaSidappa, Dr. Hanumanthiah
369. ASICON 2008 - Dr. Seshasayi, Dr. Jaganmaya, Dr. B J Shreekantaiah, Dr. RevanaSidappa, Dr. Hanumanthiah, Dr. Venkatesh,
370. ASICON 2009 - Dr. Venkatesh, Dr. Seshasayi, , Dr. B J Shreekantaiah, Dr. RevanaSidappa, Dr. Hanumanthiah Dr. Jaganmaya, Dr. MuddeBihal
371. ASICON 2011 - Dr. Jaganmaya, Dr. B J Shreekantaiah, Dr. RevanaSidappa, Dr. Hanumanthiah, Dr. Venkatesh, Dr. Seshasayi
372. ASICON 2012 - Dr. Venkatesh, Dr. Seshasayi, Dr. Jaganmaya, Dr. B J Shreekantaiah, Dr. RevanaSidappa, Dr. Hanumanthiah
373. NSGE 2012 - Dr. Venkatesh, Dr. Jaganmaya, Dr. Hanumanthiah, Dr. RajaShekar
374. NSGE 2013 - Dr. Venkatesh, Dr. Jaganmaya, Dr. Hanumanthiah, Dr. RajaShekar
375. AMASICON 2012 - Dr. Venkatesh, Dr. Jaganmaya, Dr. Hanumanthiah, Dr. RajaShekar

ORTHOPAEDIC

376. International.
377. Dr.Rajagopalan.N., Professor and HOD attended EFORT (European Federation of Orthopaedics and Trauma), at Copenhagen, from May 31 – June4, 2011.
378. Dr.Roshan Kumar, B.N., Professor attended, AAOS(American Academy of Orthopaedic Surgeons, March 2013. National
379. Dr.Rajagopalan.N., Professor and HOD attended
380. Karnataka Orthopaedic Association Annual Conference, Feb 2013,
381. Karnataka Orthopaedic Association Annual Conference, Feb 2012,
382. National Association of Interlocking Surgeons, Sept 2012,
383. Indian Orthopaedic Association Annual Conference, Dec 2012, Chennai.
384. Dr.Roshan Kumar, B.N., Professor attended
385. Karnataka Orthopaedic Association Annual Conference, Feb 2013,

386. Karnataka Orthopaedic Association Annual Conference, Feb 2012,
387. Indian Orthopaedic Association Annual Conference, Dec 2012, Chennai
388. Dr.Gopinath, P.M., Associate Professor attended
389. Indian Orthopaedic Association Annual Conference, Dec 2012, Chennai
390. Bangalore Orthopaedic Society Annual Conference, Jan 2013
391. Dr.Kiran Kumar, Associate Professor attended
392. Indian Orthopaedic Association Annual Conference, Dec 2012, Chennai
393. Bangalore Orthopaedic Society Annual Conference, Jan 2013
394. Dr. Ramesh, Senior Resident, attended
395. Indian Orthopaedic Association Annual Conference, Dec 2012, Chennai
396. Dr.Mahesh, Senior Resident, attended,
397. Bangalore Orthopaedic Society Annual Conference, Jan 2013
398. Dr. Gururaj, Senior Resident, attended
399. Ganga Hospital Spine course,
400. Ganga Hospital Trauma course,
401. Ganga Hospital Arthroplasty course,

OPHTHALMOLOGY

402. AIOS & KOS attending yearly

E.N.T.

403. M S Ramaiah Advanced Learning Center, "Advanced Paranasal Sinus and Skull Based Workshop" held on 12th August, 201 as a delegate/guest faculty.
404. Vydehi Institute of Medical Science & Research Center, "OTORHINO-REVISITED" 29th-30th October 2011
405. KVG Medical College & Hospital, "Live Surgical Workshop and CME in ENT, Head & Neck Surgery" held on 15-10-2009
406. Kempegowda Institute of Medical Science, "Rhinoplasty Redefined" live surgical workshop on 24th and 25th of October 2009
407. Bangalore Medical College and Research Institute "RHINOPLASTY REDEFINED" 9-10-2010
408. Mandya Institute of Medical Sciences, "CME-OTOLOGY" 18th November 2011.
409. Basaveswara Medical College & Hospital Cochlear Implat and Bone Anchored Hearing Aid update 2012 Course from 4 August 2009 to 10 August 2009.

410. M S Ramaiah Advanced Learning Center "Live Surgical Workshop on Sleep Disordered Breathing and Coblation Surgery" held on April 27-2012.
411. KLE University's, J.N. Medical College , "Role of Imaging in Cochlear Implant" on 16th-18th September 2011.
412. IMSA Conference on 3rd and 4th August 2012.
413. Bangalore Medical College and Research Institute, "Fess-Nose and Beyond 2012" on 17th-18th November 2012.
414. M S Ramaiah Advanced Learning Center, "Advanced Cadaveric Temporal Bone and Lateral Skull Base Workshop" held on 2nd September 2012.
415. "9th International Workshop on Endoscopic Endonasal Skull Base Surgery" held on26th to 28th April 2013 at B M Birla Auditorium.
416. RGUHS, "Research Methodology, Biostatistics and Ethical aspects of Research" on 25th & 26th of August 2004.
417. Sri Devaraj Urs Medical College, "Live Ear Surgery Workshop and Temporal Bone Dissection" on 10th and 11th July 2004.
418. Sri Devaraj Urs Medical College Conference, on 13 March 2004.
419. Command Hospital Air Force Bangalore, Conference on18-19 October 2003.
420. Rajiv Gandhi University of Health Sciences, "OSCE" on 5th March 2003.
421. South Zone ENT Conference-98, held on 17-19 July 1998.
422. Advanced Functional Endoscopy Sinus Surgery Workshop, 16th July 1998.
423. IV Annual Conference of Indian Society of Otology, 4th & 5th November 1995.
424. South Zone, IX Tamilnadu & Pondicherry States ENT Conference, on 9th-11th September 2005.
425. 22nd Karnataka State AOI Annual Conference- 2004, 16th, 17th & 18th April 2004.
426. 30th AOI Karnataka State Conference 2012, on 14th, 15th & 16th September 2012.
427. MAA ENT Hospital Conference, on 29th-30th September 2012.
428. 22nd Karnataka State AOI Annual Conference-2004 on 16th, 17th & 18th April 2004.
429. M S Ramaiah Advanced Learning Center, "Advanced Paranasal Sinus and Skull Base Workshop" held on 12th August 2012.
430. 10th FHNO – IFHNOS 2010 Conference, Held From the 13th to 15th October 2010.
431. Rajiv Gandhi University of Health Sciences Conference on 15th-17th September 2010.
432. PSG Medical College, ISOCON – 2010 Conference, 5th – 7th February 2010.

433. Kempegowda Institute of Medical Science Auditorium,"Rhinoplasty Redefined" on 24th & 25th of October 2009.
434. The American Academy of Continuing Medical Education, "Middle East Update in Otolaryngology Conference" on 18-20 January 2006.

RADIOLOGY

435. IRIA national and state conferences –Two each
436. CME's – MYSORE, TUMKUR
437. Foetal echo in Bangalore
438. Recent updateds on MRI – BANGALORE
439. NEUROIMAGING – NIMHANS
440. IMSA – BANGALORE.

ANAESTHESIOLOGY

441. Conducted "Difficult Airway & LMA Workshop": Hands on Workshop Difficult Airway & LMA (January 2007) at St Johns, Bangalore.
442. ISA Karnataka State, Bangalore: CME on "Recent advances in the management of sepsis in the critical care set up". (June 2007)
443. ISA Karnataka State, Bangalore: CME on: Interesting case presentations
444. Attendant ISA Conference 2007 at Vishakhapatnam from 26-12-2007 to 29-12-2007 and chaired a session on Regional Anaesthesia on 27-12-2007.

2008:

445. Attended SZ ISACON South Zone conference at Mangalore and delivered a lecture on "Perioperative management of uncontrolled diabetes mellitus patients"
446. Attended world congress of Anaesthesiology (WCA) South Africa.

2009:

447. Visitor to the University of Minnesota, Minneapolis, USA.

2011

Attended ISA Bangalore Branch conferance and presented papers on

448. Obstructive cardiomyopathy and anaesthetic considerations
449. Anaesthetic considerations in Intellectually disabled children with genetic disorders.
450. Attended" SAARC" Anaesthesiology Conference at Bangalore. Took part in Debate"LMA For Caesarian Section". Chaired session on Hyperbaric anaesthesia.
451. Attended Regional anaesthesia International conference NYSCORA at Bangalore.

452. Attended ISACON 2011 National confernce Indian Society of Anaesthesiologists at Mumbai chaired session on

2012

453. Attended International Medical and Scientific Conference and delivered guest lecture on "Advances in Acute Pain management".
454. Attended World congress of Anesthesiology in Buenos Aires, Argentina
455. Attended NABH workshop conducted by Quality control of India and Rajiv Gandhi University of Health Sciences, Bangalore
456. Attended CME sponsored by I.S.A and RGUHS, at Bellary and chaired a session on Supraglottic Airways on 2-9-2012
457. Attended 60th Annual National Conference of Indian Society of Anaesthesiologists from Dec.26-29, 2012.

Dr.Rangalakshmi

458. Attended National Conference on Critical care at Pine in March 2011
459. Faculty at IMSA Conference at Bangalore -Aug 2011
460. Faculty at the National Conference of ISA in Mumbai 2011
461. Conducted Workshops on Gasman Simulation at Trichur, Manipal , Mangalore, Mysore, and Bangalore

Dr.Chaitanya Kamat

462. SAARC 2011
463. CME on Ultrasound guided Nerve blocks 2012
464. CME on Critical care 2012

Dr.Maya.D.Nadkarni

465. SAARC 2011
466. KISACON Mangalore 2012
467. CME on Critical care Sept 2012
468. CME at Kolar Medical college

Dr.Soumya

469. IMSACON 2012 – Dubai – UAE

Dr.Pawan

470. SAARA 2011

Dr.Karthik

471. SAARC -2011
472. Conference on Critical care & emergency medicine –Coimbatore 2011
473. KISACON Sept 2012
474. SAARC (International conference) in may 2011
475. KISACON 2012 in Nov 2012 (State conference)

Dr.Sudheer

476. SAARC -2011
477. Conference on Critical care & emergency medicine –Coimbatore 2011
478. CME on fluid & electrolyte management 2011
479. KISACON Sept 2012
480. SAARC (International Conference in may 2011)
481. KISACON 2012 (state conference) in Nov 2012

Dr.Bhanuprakash

482. ISACON 2010 in Lucknow

Dr.Soumya.M.J

483. RSACP – National Conference – 2010 October
484. Paper – podium presentation & publication – special edition
485. SAARC – International Conference 2011 –August Bangalore

OBGY & GYNAEC.

Dr.Nagarathnamma:

453. Faculty YUVA FOGSI south zone conference
454. Universal presentation & creating a safe work environment: Handling & decontamination of equipment & materials & Post exposure prophylaxis: KIMS march 2006
455. Participant :Training of trainees workshop for Medical College teachers in Educational Science & Technology
456. GNANA VARSHA 2006: faculty
457. International conference on mother & Fatus
458. All India congress of Obstetrics & Gynaecologyical societies of India
459. Training of trainees workshop on STI issues in HIV/AIDS
460. YUVA FOGSI South zone- chaired session on obstetric hemorrhage – living in the shadow of the Taj

461. IMSACON, Bangalore
462. **Dr. Rupakala**: YUVA FOGSI South zone- chaired session on obstetric hemorrhage living in the shadow of the Taj
463. Faculty YUVA FOGSI south zone conference
464. Participant :Training of trainees workshop for Medical College teachers in Educational Science & Technology
465. GNANA VARSHA 2006: faculty
466. IMSACON, Bangalore
467. Dr. Nirmala: : YUVA FOGSI South zone- chaired session on obstetric hemorrhage living in the shadow of the Taj
468. IMSACON, Bangalore
469. Dr. Suhasini: IMSACON, Bangalore

PAEDIATRICS

470. Dr.adarsh attended the conference at china along with prof. Dong who is the inventor of hepatitis vaccine at hangzir.
471. Dr.sreekrishna, prof attended imascon 2012 in rrmc&h
472. Dr.sreekrishna, prof participated ima national conference 2011
473. Dr.rajnish,asso.prof of pediatrics attended pedicon 2009,blore and pedicon 2011 jaipur.
474. Dr.pavan kumar,sr-- attended state iap meet,hassan 2010 and national iap conference gurgaon 2012.
475. Dr.pratibha,sr-- pedicon,2010 mangalore, critical care conference chitradurga,2011 & pedicon 2009,mysore.
476. Dr.sangeeta,sr-- pedicon 2006, bps cme- 2013, pediatric dermatalogy cme 2013
477. Dr.sahana, sr-- neonatal conference ipokrates nov 2012, neonatal conference mysore 2011, iapbps cme bangalore 2010, iap state pediatrics 2008
478. Dr.sunil, asso.prof-- ipokrates 2008,2009,2010,2012.

Fact Data Sheet-11. Conferences /workshops conducted

PHYSIOLOGY

LIST OF WORKSHOP CONDUCTED BY MEU 2011-12

1. Training course in infectious disease Epidmiology and health protection (community medicine) - 18th april tp 22nd april2011
2. Public health emergencies & diseters Prepardness & response - 19th sept. To 23rd sept. 2011
3. Ug orientation programme - 22nd sept. 2011
4. Work shop on pharmacovigilance - 28th sept. 2011
5. workshop on continuum of care for Common chronic condition for under Graduates medical students - 15th Nov. 19th nov. 2011
6. Post graduate lecture series rguhs Karantaka science& technology academy - 08th dec. To 10th dec. 2011Bangalore
7. Research methodology orientation Worlshop for ist mbbs students - 04th feb. 2012

2013

8. Interns ' orientation programme - 28/3/ 2013
   CME conducted
9. State level cme on "emerging trends in physiology, pharmacology, biochemistry & in general medicine"- august 2009 at raja rajeswari medical college & hospital in association with appi b'lore branch, b'lore.
10. State level cme on "kannada vaidya sahithya sammelana" – october 2011 at raja rajeswari medical college & hospital, b'lore.
11. Cme/ guest lecture by dr. Mario vaz professor, st. John medical college on "what is normal in physiology?"- april 2012 at rrmc&h in association with appi, b'lore branch.

BIOCHEMISTRY

12. CME Programme had been arranged by Department of Biochemistry on 20/04/2012 at Rajarajesheshwari Medical college and Hospital
    Speaker: Dr. Venkatesh Thuppil, Director NRCLPI, Department of Biochemistry, St.John's Medical College, Bangalore

Topic: "Translational Research and Project Lead Safe"

PHARMACOLOGY

13. Cme – "the changing trends with newer concepts in the field of physiology,pharmacology,bio-chemistry & gen medicine aug 2009
14. Workshop – "good clinical practice training workshop" – nov 2010
15. Cme - "pharmacovigilance orientation– sep 2011

PATHOLOGY

15. CME Programme organized by Blood Bank – Department of Pathology RRMCH – 8/10/2009.
16. Participation as delegate in CME on changing trends with the newer concepts in fields of Pathology, Pharmacology, Biochemistry and General Medicine Post Graduate lecture series – RGUHS in associate with RRMCH. 8th to 10th Dec 2011.
17. Academy of Pathology , Annual Meeting, 18th Nov 2012
18. Participation as delegate in CME on Organ Transplantation RRMCH & IMSA Bangalore, Aug 2011
19. IMA Conference RRMCH Bangalore, Dec2011**
20. Orientation Programme on NABH Accreditation RGUHS Bangalore, Nov 2011.
21. Workshop on Educational Science & Technology for Medical Teachers MEU, RRMCH Bangalore, Jun 2012.
22. IMSA, southern region, Conference RRMCH Bangalore, Oct 2012.
23. Under graduate Pathology Quiz for Medical colleges of RGUHS - KCIAPM, at RRMCH on 12th October 2010

MICROBIOLOGY

24. State level conference of Indian Association of Medical Microbiologist(Karnataka Chapter), Theme: Update on Tuberculosis on 27/02/2010.

CME/WORKSHOPS CONDUCTED:

25. Department of microbiology conducted PG lecture series sponsored by RGUHS and KST on 8-10th December 2011.
26. Department of microbiology conducted workshop on HIV/AIDS on world AIDS day on December 1, 2011.

FMT

25. CME held on 30th march 2012

COMMUNITY.MED

26. Training course on "Infectious Disease Epidemiology & Health Protection" for postgraduates & junior faculty of Dept of Community Medicine from various Medical Colleges in Karnataka, Andhra Pradesh & Tamil Nadu conducted by Department of Community Medicine, RRMCH in collaboration with HPA, Birmingham, UK (April 2010,2011,2012)
27. Training course on "Public Health Emergencies & Disasters; Preparedness & Response" for postgraduates & junior faculty of Dept of Community Medicine from various Medical Colleges in Karnataka, Andhra Pradesh & Tamil Nadu conducted by Department of Community Medicine, RRMCH in collaboration with HPA, Birmingham, UK (October2010, 2011, 2012)
28. Workshop on Pre-service Training of Medical undergraduates for Continuum of Care of Common Chronic Conditions, conducted by Dept of Community Medicine, RRMCH in collaboration with St. John's medical College, WHO & KHPT (November 2011)
29. Orientation programme conducted by Dr Gururaj, Professor of Epidemiology at NIMHANS on "Bangalore Road Safety & Injury Prevention" for various cadres of staff at RRMCH
30. CME on "Chikungunya" conducted by Dept of Community Medicine at RRMCH in June 2009
31. CME on Poliomyelitis Eradication, Measles Control, Routine Immunization, in Collaboration with WHO Country Office, at RRMCH on 03/05/13

GEN. MEDICINE

Conferences / CME Conducted

32. CME: Hepatitis – B an overview, Dr. Manjunath ,14/6/2011
33. WEB-CME: THYROID AND CO-MORBID CONDITIONS
    26/8/2011 - DR.PRAMOD GANDHI (Endocrinologist) NAGPUR
34. WEB-CME: THYROID AND BONE DISEASE
    18/11/2011-DR.AMBRISH MITTAL (Endocrinologist) NewDelhi
35. CME - Diabetes in India – An overview 22/11/2011,Dr.Krishna M.V
36. IMSA – 2012: (International Medical Sciences Academy) multidisciplinary,Conference 2nd& 3rd August 2012.
37. WEB-CME: Modern Management of COPD 9/2/2013, Prof Dr.PETER BARNES (UK)

38. WEB-CME: ITSCON (Indian Thyroid Society Conference 2013) Bangalore.
39. CME: Hepatitis B Management

    14/6/2013

    Speaker : Dr.Kaiser Raja (Gastroenterologist & Hepatologist)
40. CME: Pneumococcal Vaccine (focus on prevention)

    15/6/2013

    Speaker: Dr.Krishna.M.V (Prof & HOD of Medicine)
41. Recent advances in nuclear medicine

    Focus on imaging 16/3/2010

    Speaker: Dr.Kallur – HCG center Bangalore
42. Management of Hepatic Encephalopthy

    19/8/2010

    Speaker: Dr.Mamatha Patil , Department of Medicine, RRMCH
43. Management of Type 2 Diabetes Mellitus

    27/8/2010

    Speaker : Dr.H.M.Krishna Murthy
44. Spirometry and Respiratory Emergencies

    16/6/2010

    Speaker: Dr.Murali Mohan Pulmonologist, Narayana Hrudayalaya, Bangalore.
45. Hepatitis – B an over view

    14/6/2011

    Speaker: Dr.Manjunath, Gastroenterologist
46. WHO guidelines of Management of Malaria

    19/8/2011

    Speaker: Dr.Krishna.M.V, RRMCH

SKIN & VD

47. ACSICON -2013 Bangalore.
48. ONYCHOCON-2012, Bangalore
49. VITLICON-2011 Bangalore.
50. DERMACON -2009, Bangalore
51. Karnataka State IADVL Conference-2011, Mandya

SURGERY

52. Surgical Staplers
53. Medical Writing
54. Hand suturing
55. CME On Rabies

ORTHOPAEDIC

56. Conducted a CME on Osteoporosis in 2010
57. Conducted a CME on Bone Tumours in 2010
58. Conducted a CME on Rheumatoid Arthritis in 2010
59. Dr.Rajagopalan.N., Professor and HOD, was the Chairman of the Scientific Committee of OASISCON (Orthopaedic Association of South Indian States Annual Conference) at Bangalore, in August 2012 and organized the Scientific Program.

OPHTHALMOLOGY

60. CME on EYEBANK

    Guest lecture by Dr.D.Raviprakash chief of cornea

    Minto Reginol Institute of Ophthalmology Bangalore

E.N.T.

61. **"RHINO FACIAL AESTHETIC SURGERY". 09-10-2011**

    Dr. Ullas Raghavan. U.K.

    Rajarajeswari Medical College Auditorium with direct relay from RRMC Hospital.

62. **"RADIOLOGY IN ENT" BY NATIONAL FACULTY. 04-02-2012**

    Dr. I.K. Indrajith.

    Dr. Supreetha Arya.

    Dr. Manoj Agarwal.

    Dr. Sathish Jain.

Rajarajeswari Medical College Auditorium Bangalore Mysore Road.

63. **SYMPOSIA ON SNORING AND OSA 25-05-2013.**

    Indian Association Of Surgeons For Sleep Apnoea [IASSA]

    Guest Speakers from IASSA

    1. Dr. Seemab Shaikh, **PUNE.**
    2. Dr. Vijaya Krishnan P, **CHENNAI.**
    3. Dr. Srinivas Kishore, **HYDERABAD.**
    4. Dr. Vikas Agrawal, **MUMBAI.**

5. Dr. Vidya Sagar, **VIJAYAWADA.**
6. Dr. Neha Shah, **MUMBAI.**
7. Dr. Dhanraj. G.A. **BANGALORE.**

RADIOLOGY

64. Radiology and ENT
65. Foetal imaging.

ANAESTHESIOLOGY

66. Conducted workshop on CPCR, BLS and ACLS at Rajarajeswari Medical and Dental Colleges.
67. ISA Karnataka State, Bangalore: CME on "Recent advances in the management of sepsis in the critical care set up"
68. Conducted "Difficult Airway & LMA Workshop": Hands on Workshop Difficult Airway & LMA
69. Conducted workshops on computer simulation in Anaesthesia for better understanding of uptake and distribution of inhalation anaesthetics using Gasman at
70. Hosmat Hospital Bangalore in 2011
71. CARE hospital, Hyderabad in 2011
72. Jubilee mission medical College, Trissur in 2011
73. CME in ISACON 2011, Mumbai.
74. Conducted workshop on CPCR, BLS and ACLS at Rajarajeswari Medical college for Nurses working in Critical and semicritical areas,Interns and post graduates of all the branches of Medicine.

OBGY & GYNAEC.

75. Menopause awareness programme
76. Virtual CME
77. Thyroid disorders in Pregnancy : Dr.Ambrish Mittal
78. Recent advances in Radiotherapy : Dr.Naveen, Associate Prof. KIDWAI
79. First and second trimester ultrasound and fetal echocardiography:Dr.Krishna,Manipal Hospitals, Bangalore

DM Cardiology

80. ECG Workshops
81. International Cardiology Symposium in October 2013
82. Cardiology- Heart Beat Symposium- CMEs

Duties Of Post Graduate Student/ Interns Posted In Cardiology

83. Start the OPD sharp at 9 am and end till 4 30 pm.
84. Should take the ward rounds (general, ICCU, CCU and all reference old) at 8:30 am, 4:45 pm, 8:30pm daily. (inform us about the patient daily)
85. On Sunday – should take the ward rounds in morning and once in night
86. Post the cases for intervention a day before and confirm with us and paste the list in the catheterization lab.
87. Should see all cardiac references and keep a record and discuss with us.
88. All patients (walk-in, referred, cardiology clearance for surgery, pediatric cases) seen in OPD should also have to be registered in cardiology.
89. Should present one case on Monday to us (case discussion will be at 2 pm) and on Friday to
90. Should present a PowerPoint presentation on topic given on Tuesday. (timing will be informed)
91. Should present one interesting ECG on Wednesday to us (ECG discussion will be at 2 pm, timing is adjustable)

Urology

92. Dr. L.N. Raju attended conference in China & Korea
93. Dr. Deepak Bolbandi conducted workshops & clinical meetings for postgraduates

PAEDIATRICS

94. Dr.Prema ---- South zone TOT workshop on adolescent office practice
95. Dr.Sreekrishna conducted / participated workshops on Breast feeding in HAL hospital / MVJ Medical College.
96. Dr.Sreekrishna, Lecture given in MVJ Medical College Bangalore on resuscitation of the new born.
97. Dr.Sreekrishna, regular classes for theory and practical's for UG's & PG's
98. Dr.Sreekrishna, attended conferences conducted regularly in Bangalore.
99. Dr.Tamil Selvan, Prof Ped , monthly BPS meeting, National Pedicon, Karnataka Pedicon, south India pedicon, CME programmes and NNF

Fact Data Sheet-12. Services

ANATOMY

The faculty is primarily concerned with imparting knowledge in anatomy to 1St MBBS and to MD anatomy students. However the students belonging to the following courses are being taught.

1. 1st BDS students about general anatomy, History, and Embryology
2. 1st BSc Nursing about Elements of Anatomy
3. School of Nursing about general anatomy
4. CMLT/DMLT
5. DMRT
6. DOT

} General anatomy

7. DHI
8. Interactive departmental teaching programme to medical post graduates and dental postgraduates of Rajarjeswari Medical College and Dental College.

PHYSIOLOGY

Dr. Vasant a. Kulkarni's m.d.medical services

9. Thirty five years teaching experinces in various medical colleges- For under graduates / postgraduates.
10. sr- feculty/ member bos rguhs bangalore- member adviser Committee- prasarang rguhs bangalore
11. Many scientific medical research articles are published in National and international journals
12. Medical education research and new approach
    a) Evaluation of answer scripts- analysis- standard tests
    b) Viva- voce new techniques- paper presentation in t o t.
    c) Setting of question paper- presentation in comferences
    d) How to prepare for the examination/ face the examination
    e) Orientation lectures for freshers-key to successful career
    f) diagram writing skills- make it easy

g) impressive teaching/ lessonplanning- articale published in medute

h) journal--- attended many national seminars participated

13. Specially yoga and yoga research- started department of yoga

And conducted many free yoga camps and published many reaearch

Papers such as effects of yoga practices on pulmonary funcions/on cvs

Tension/ n.m. flxibility/ asthama etc., many papers are published in

National yoga/ medical journals

BIOCHEMISTRY

14. About 2500 to 2700 investigations are done per day which includes
15. Analysis
16. Blood,
17. Urine
18. Body fluids.

PHARMACOLOGY

19. Provoding ADR awareness among all healthcare Professional.
20. Collection of ADR forms from all the Clinical Dept
21. Casualty assessment done at PV cell.
22. Reporting of ADR to the Regional Centre
23. Providing Feedback to the Clinicians.

PATHOLOGY

Histopathology:

24. Biopsy : Incisional
25. Excisional
26. Frozen Section

Cytology:

27. FNAC: Palpable masses
28. Non-palpable masses
29. Image guided
30. Pap Smear
31. Body Fluid Cytology
32. Imprint cytology

Clinical Pathology:

33. Haematology

34. CBC, Hb, TC, DC, ESR, Reticulocyte count, Platelet count.

35. Peripheral smear, RBC parameters

36. Bone marrow,

37. PT, APTT

38. Urine analysis: Routine, Bile Salts, Bile Pigments, Ketone bodies

39. Semen analysis

40. Stool for Occult blood

41. Immunohistochemistry

42. Hb electrophoresis

MICROBIOLOGY

Bacteriology: Culture and sensitivity of :

43. Urine,

44. Blood,

45. CSF,

46. pus

47. Sputum,

48. Stool,

49. Ear swabs,

50. Miscellaneous fluids

Immunology:

51. ASO test,

52. CRP test,

53. Urine Pregnancy test,

54. RPR test,

55. Widal test,

56. Leptospira antibodies,

57. RA test

Parasitology:

58. Stool for Ova and cyst

59. Peripheral smear for malarial parasite

60. Rapid card test for detection of malarial parasite

Mycology:

61. KOH mount
62. Lactophenol cotton Blue for fungal elements
63. Fungal culture

Virology:

64. HIV, HBsAg, HCV antibody
65. NS_1Ag for Dengue, IgM, IgG for Dengue

FMT

66. Eye donation
67. Embalming
68. Autopsy examinations

COMMUNITY.MED

69. Official adoption including Administration & functioning of Primary Health Centre, Ittamadu, Ramanagara Taluk, Ramanagara District
70. Administration & functioning of Urban Health Centre, Channasandra, Uttarahalli, Bangalore-560 061
71. Administration & functioning of Urban Health Centre, Agara, Bangalore-560 074
72. Health Camps, Family Welfare Activities, MCH Activities, School Health check-up/surveys, National Health Programmes, Training Programmes/ Health Education activities

GEN. MEDICINE

List of services offered by the Department of Gen-Medicine

73. Out patient clinics -daily (9am to 4pm)
74. Inpatient services -Admission / Medical procedures

Treatment (round the clock)

75. Medical Intensive care-Admission & treatment of sickpatients

(round the clock)

76. Patient Counselling & Health Education

TB & CHEST

77. Sputum for afb by fluorescent microscopy and initiation of dots as per guidelines of rntcp.
78. Pulmonary function test by computerised spirometry.
79. Pleural aspiration.

80. Bronchoscopy.
81. Thoracotomy.
82. Pleural biopsy.

SKIN & VD

83. Special investigations like scrapings for fungus, wet mounts, AFB smars,Tzank test, smear for Gram stain,Giemsa stain etc
84. Patch testing.
85. Woods lamp examination.
86. Dermoscopy
87. Dark field microscopy.
88. Ear piercing.
89. Electro Cautery.
90. Radio frequency therapy.
91. Chemical cautery
92. Cryo therapy.
93. Dermabration.
94. Chemical peel. Whole body photo therapy. Targetted Phopto therapy.
95. Vitiligo surgery.
96. CO2 laser therapy.
97. Fractional CO2 laser therapy.

PSYCHIATRY

98. Regular OPD and IP services provided: Total 30 beds are available for psychiatric patients
    - De-addiction service
    - Medico legal/Psychological assessments(IQ assement- Bhatia, Weschlers scale, BKT, progressive matrices, Personality assessment-projective tests, TAT
    - Child and adolescent psychiatry
    - Geriatric psychiatry – care is available
    - Participation in community programs
99. Emergency psychiatric care is available

100. Questionnaires are available(Y-BOCS, HAM-A, HAM-B, PANSS, MINI, Beck Depression scale 13 item, PSWQ, BSQ, GAF, PDSS, Librosky scale, Young mania rating scale

Neurology and internal medicine exposure available

Chronic psychiatric care and rehabilitation is not available

Treatment facilities available

- Pharmacotherapy
- ECT –Pulse wave
- Behavior therapy
- Cognitive therapy
- Group therapy- AA meetings

SURGERY

101. Laparoscopy (Diagnostic and Therapeutic)
102. Endoscopy(Diagnostic and Therapeutic)
103. Colonoscopy (Diagnostic and Therapeutic)

ORTHOPAEDIC

104. Arthritis Clinic
105. Spine Clinic.

OPHTHALMOLOGY

106. We are conducting DBCS eye camps,
107. School health camps
108. Glaucoma services

E.N.T.

109. Microscopic ear and advanced hearing solutions.
110. Endoscopic nose, sinus and skull base surgeries.
111. Micro laryngeal Surgery & phonosurgery
112. Head & Neck oncology
113. Sleep and snoring surgery
114. Pediatric Otorhinolaryngology
115. Facial Plastic & reconstructive surgery.

EAR:

116. Seroma – incision & drainage

117. Keloid - exicision
118. Ear lobe repair
119. Ear lobe reconstruction
120. Tympanotomy & grommet insertion
121. Myringoplasty
122. Mastoidectomy (cortical) & myringoplasty
123. Tympanoplasty **type 1** to **type 3**
124. Modified radical mastoidectomy & ossiculoplasty
125. Radical mastoidectomy
126. Stapedotomy
127. Facial nerve decompression
128. Postaural subperiostgal abscess – incision & drainage
129. Ear stud piercing
130. Otoplasty
131. Ear reconstruction
132. Myringo platino pexy
133. Myringo stapedio pexy
134. Myringoplasty
135. Cochelear implant surgery

RADIOLOGY

136. X-Ray - Routine X-rays, Barium Studies, contrast studies for GIT/GUT, HSG, Fistulogram, sinogram etc.
137. Ultra sound – Routine Abdomen Pelivs, OB Gyn, Small parts,Doplars, Neurosonogram,FNAC/FNAB, Aspiration
138. Mammogram,
139. CT Scan – Whole body, cardiac, vascular, guided procedures
140. MRI Scan – Whole body, MRA, MR Spectroscopy.

OBGY & GYNAEC

141. Obstetric Antenatal clinic
142. Low risk pregnancy care
143. High risk pregnancy care
144. Prenatal screening and diagnosis
145. Triple marker
146. Genetic Counselling

147. Level III ultrasound scans
148. Antepartum surveillance by USG & NST
149. Intrapartum care
150. Intensive intrapartum monitoring and one to one care
151. CTG
152. Other fetal well being tests

Gynecology:

153. USG - both TAS & TVS
154. USG guided procedure
155. Colposcopy and other screening method for Gynec cancer

Endoscope Procedure:

156. Laparoscopy - Diagnostic & operative (Hysteroscopy - Diagnostic 86 operative)
157. LAVH
158. Ovarian cystectomy
159. Laproscopic ectopic Surgeries

Infertility

160. Hormone Assary laboratory
161. Laparoscopic and hysteroscopy procedure for diagnosis and management of infertility like PCOD drilling, adhesiolysis, Septal resection 86 polypectomy.
162. Ovulation induction with USG monitoring
163. IUI

Plastic Surgery

164. Congenital Deformities Like -Cleft Lip and Palate Vascular Malformations / Hand Deformities /
165. Acute Burns and Burn Reconstructions
166. Trauma - Maxillofacial Reconstruction
167. Cancer Reconstructions
168. Cosmetic Surgery – Rhinoplasty / Abdominoplasty / Augmentation Mamoplasty
169. Reconstruction – Reduction Mammoplasty / Revision Scar // Lipoplasty

DM Cardiology

170. Electrocardiography

171. Radiography – routine and specialized areas like CT Angiography
172. Stress testing – tread mill test, stress related and other nuclear techniques
173. Holter monitoring for arrhythmias and ischemic disorders
174. Echocardiography – M-mode, Two dimensional, Doppler, color flow imaging, transesophageal Echocardiography and echo directed hemodynamic studies.
175. Invasive Cardiology-Coronary angiography, angioplasty, device implantations, Electrophysiology study and ablations, device closure.
176. Coronary angiography- 49
177. Coronary angioplasties- 08
178. Pacemaker implantation- 01
179. Electrophysiology study- 02

Urology

180. Uroflowmetry
181. ESWL therapy
182. Urodynamic study
183. Cystoscopy
184. URS
185. TURP
186. TURBT
187. PCNL
188. Laparoscopic procedures
189. Reconstructive surgeries
190. TOT surgery
191. Other open surgeries

PAEDIATRICS

192. Dr.Adarsh, Prof & HOD Ped.Education and health services programmes---- TV 9 five programmes and chandana TV Channels, One more live TV programme penal discussion has been conducted on 08.07.13 on the first three parent Baby could be born in Britain along with Dr. Kamani Rao.
193. We care and cure all children from the age of Zero till 19 years. We provide care to preterm, term, IUGR babies, LBW babies etc.,
194. We give care to babies even from birth weight of 750 gms.
195. These facilities will be provided in our NICU. Our NICU provides care to all the babies upto age of 1 month. Here we do exchange transfusion, ventilator care, C-PAP,

parental alimentation, phototherapy, artificial surfactant therapy to preterm babies who need.

196. We do have facilities for Pediatric and neonatal surgery. Certain cases like diaphragmatic hernia, Oesophageal artesian , congnetal, intestinal obstructions and other cases

197. PICU All pediatric emergency cases will be managed eg. Dengue fevers, respiratory failure etc.

We have ventilator facilities in our PICU.

Past 2 years we are getting cases of Dengue fevers in almost epidiomological proportions and also we have treated around 125 to 150 cases of dengue fever / suspected dengue fever without any mortality.

We also manage MLC's cases like attempted suicide, poison cases etc which may required ventilator care

198. Dr.Sreekrishna participated in medical and pediatric camps conducted by various organizations like Datta peetha etc.,

Fact Data Sheet-13. Extension Activities

ANATOMY

1. The department is encouraging and registering for voluntary body donation programme which has received a good response with 16 registrations so far and with 3 donors already given their body after their demise.
2. Department conducts regular camps to spread the awareness amongst the people for voluntary body donation
3. School children's from the institutions around Kengeri regularly visit the department to enrich their knowledge about the parts of the human body.

BIOCHEMISTRY

In addition to teaching MBBS Students department is involved in teaching

4. BDS Students,
5. MLT Students
6. Nursing students.

FMT

7. Histopathology examination with Dept of Pathology,
8. Forensic Science Laboratory

COMMUNITY.MED

9. Administration & Functioning of Integrated Counseling & Testing Centre for HIV at RRMCH & at PHC, Ittamadu
10. Implementation of Integrated Disease Surveillance Project in association with State Surveillance unit, Karnataka
11. Co-ordinating Implementation of Revised National Tuberculosis Programme
12. Implementation of 'Bengaluru Road Safety & Injury Prevention Programme' – A collaborative Project of WHO, ICMR & NIMHANS
13. Observation of important Public Health Days viz World AIDS Day, World Environment Day, World TB Day, World Breastfeeding Week etc

GEN. MEDICINE

14. Health camps – Rural-Urban
15. Health education

TB & CHEST

16. RNTCP

17. DOTS as per WHO guidelines in co-ordination with district Health services.

RNTCP PROGRAMME RAJARAESWARI MEDICAL COLLEGE AND HOSPITAL
SPUTUM EXAMINATION & TB CASES DETECTED
QUARTER / ANNUAL YEAR- 2012

MONTH /QTR	RRMCH					Referred from P.H.C			Total suspects & sputum positive			Total TB cases			ICTC	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	NEW OPD	TB SUSPECTS	%	Sp pos	%	TB suspects	Sp pos	%	TB suspects	Sp pos	%	Pul sp neg	Ex pul	Total	Ref	Pos
I QTR	7087	287		37		131	2		420	39		34	22	95	88	2
II QTR	7220	244		49		130	9		374	58		19	29	106	87	1
III QTR	6755	241		42		117	3		358	45		17	23	85	60	1
IV QTR	6858	305		43		118	5		423	48		23	20	91	63	Nil
Total	27,950	1079		171		496	19		1575	190		93	94	377	298	4

PSYCHIATRY

18. Psychiatry camp conducted in the community

SURGERY

19. Arranged and attended regular camps atIttamadu, Rural and Urban Health Centre

OPHTHALMOLOGY

20. Screening of refractive errors in children who are picked from the community

21. Screening of glaucoma patients after the age of 40

22. Eye Bank facilities

E.N.T.

JOURNAL CONTRIBUTIONS:

Reviewer: Dr. Vishal Rao etal
23. Cochrane

24. Oral oncology
25. Achieves of otolaryngology and head and Neck Surgery- Official journal of American Head and Neck Society
26. Current oncology
27. Laryngoscope
28. Indian Journal of Cancer
29. International journal of head and neck surgery

Author for Medicine, an American online clinical medical knowledge base

Author for the section on "Journal Scan "in **The International Journal of Head and Neck Surgery**

SL NO	POST GRADUATES	NAME	TOPIC
30	1st year PG	Dr. Roshna Moyin & Dr. Shivanagouda Patil	Deputed to peripheral posting 1. Chandrasekhar Institute of Speech & hearing from1-6-13 to 15-6-2013 2. Nimhans posting from 1-7-13 to 31-7-2013.
31	1st year PG		

RADIOLOGY

32. One, Breast Screening program - Mammography

ANAESTHESIOLOGY

Interventional Pain medicine and Palliative medicine

33. Cancer related PAIN management
34. Non Cancer PAIN management

Conditions treated

35. Back Pain

36. Neck Pain
37. Shoulder Pain
38. Failed back surgery syndrome
39. Pelvic Pain
40. Complex regional pain syndrome
41. Headaches
42. Musculoskeletal Pain
43. Diabetic neuropathy
44. Fibromyalgia
45. Multiple sclerosis
46. Pains secondary to vascular insufficiency

Palliative care Management

47. Lymph edema and stoma care
48. Family support/Respite care
49. Holistic support
50. Psychological support
51. Multidisciplinary and Multimodal pain management
52. Fluoroscopic guided pain interventions
53. Ultrasound guided pain intervention
54. Intrathecal pump insertion and management
55. Epidural catheter insertion and management
56. Neuromodulation
57. Spinal cord stimulator (SCS) insertion and management
58. Peripheral field stimulation(PFNS) insertion and management
59. Sacral nerve stimulation

OBGY & GYNAEC.

Sl.no	Name of Health Centres	Village Name	Distance from RRMCH
60.	1) Primary Health Centre	Ittamadu, Ramnagar District	22 Kms
61.	2) Urban Health Centre	Agara, Bangalore Urban District	11 Kms
62.	3) Urban Health Centre	Channsandra, Uttarahalli Main Rd. BBMP	6 Kms

Nephrology

63. Management of Acute renal failure
64. Chronic kidney disease screening, prevention of progression and management of subsequent complications
65. Acute and maintenance hem dialysis
66. Peritoneal dialysis catheter insertion
67. Fluids and electrolyte management
68. Kidney biopsy
69. Placement of temporary and permanent catheters for hemodialysis
70. Plasmapheresis
71. Hypertensive emergencies

PAEDIATRICS

72. Providing health check ups in schools, PHC's.
73. Vaccination programmes.
74. Education programmes done at Anganvadi's.
75. Once in a week, PG & Interns will conduct Camps in rural areas
76. Adapoted School for physically challenged children. --- Shreekrishna trust and Balya trust- Anatashrama and Sri Sathya Sai charitable trust.

Fact Data Sheet-14. Enrichment courses

ANATOMY

1. Simulation studies on surface Anatomy and surface markings involving students of MBBS and BDS.
2. Medical Quiz in anatomy related topics traing to medical students to participate in college and inter college cultural activities.
3. Diagram writing, labeling preparation of models and charts.

PHYSIOLOGY

4. Autonomic function tests
5. Artificial respiration/resuscitation demonstration
6. Pulmonary function tests
7. ENMG, Evoked potentials

BIOCHEMISTRY

8. Early Markers of Myocardial infarction
9. Dietary planning
10. Human genome project
11. Lipoproteins in health and disease
12. Obesity and its prevention
13. Metabolic syndrome

PHARMACOLOGY

14. Treatment of MDR- Tuberculosis -UG
15. Newer Drug Delivery Systems
16. Drug Transporters in Drug Efficacy and Toxicity -PG
17. Emerging Themes and Therapeutic Prospects for Anti-Infective Peptides

PATHOLOGY

18. Immunoflourescence in diagnosis
19. Immunohistochemistry in breast cancer
20. Flow Cytometry in Hematology

COMMUNITY.MED

	Date	Faculty	Programme
21.	27/7/09	Dr. Shashikala.M	Workshop on HIV/AIDS – mentoring / consultancy of CCC Community Care

			Centre
22.	07/8/09	Dr. Shashikala.M	Workshop on HIV/AIDS – mentoring / consultancy of CCC Community Care Centre
23.	27/7/09	Dr.Vani Srinivas	Workshop on HIV/AIDS – mentoring / consultancy of CCC Community Care Centre – Chennai Organized by TANSACS
24.	24/7/09	Dr.A.C Shyam	
25.	27/7/09	Dr.Srividya.V Dr.Pradeep	Workshop on HIV/AIDS – mentoring / consultancy of CCC Community Care Centre – Chennai Organized by TANSACS
26.	25/10 to 29/10/10	All Staff	Public health Emergencies & Disasters preparedness & Response
27.	20/3 & 21/3/12		Orientation on HIV/AIDS
28.	19/4 to 23/4/12	All Staff	Infections Disease Epidemiology & health protection
29.	2010-12	Mr. Paramashivaiah.A.H	MPS - Master of Population Science (MPS) IIPS - International Institute for Population Sciences
30.	12/12 13/12/08	Mr. Paramashivaiah.A.H	Workshop cum training programme on "Data Management and Biostastics using SPSS Statistical Software" from 12-13 December, 2008 organized by National Institute of Animal Nutrition And Physiology, Bangalore.
31.	25/5 to 29/5/2009	Mr. Paramashivaiah.A.H	Short Course On Fundamentals of Biostatistics & SPSS Conducted by Dept of Biostatistics Resource and Training Center , Christian Medical College, Vellore, India
32.	8/8 9/8/2009	Mr. Paramashivaiah.A.H	Orientation Course on Research Methods And Bio-Statistics Sponsored by Rajiv Gandhi University of Health Sciences, Bangalore and Conducted by Florence College of Nursing Bangalore
33.	18/8 to 20/8/2011	Mr. Paramashivaiah.A.H	Participated in the "Refresher Course in Statistical Methods in Behavioral Research" at NIMHNS, Bangalore Dept of Biastatistics.

GEN. MEDICINE

34. Electrocardiograph (ECG) – interpretation for UG students.

35. Reading of a. Chest X-ray for UG students.

36. Interpretation of Blood Gas analysis report for UG & PG students.

37. Reading of CT scan Brain images for UG &PG.

38. Reading of MRI Brain images for UG & PG.

TB & CHEST

39. Training of Teaching faculty & Para medicals in RNTCP guidelines in RRMCH.

SKIN & VD

40. Vesiculobullous Disorders like Pemphigus, Pemphigoid etc.,

41. Allergic Skin Diseases like Urticaria, Eczema etc.,

PSYCHIATRY

40. Cognitive therapy of panic disorder for PGs

SURGERY

41. Use of Staplers

42. Laparoscopy/Endoscopy

OPHTHALMOLOGY

43. Industrial workers eye checkups

44. Screening of vitamin A deficiencies from school health camps

RADIOLOGY

45. Pediatric ICU - Imaging

46. Critical Care Unit - Imaging

OBGY & GYNAEC.

Dr. Nagarathnamma

47. USG

48. Laproscopy

49. Colposcopy

50. Gynaec oncology observership: Kidwai

51. Resource person for Traning Doctors & Para Medical Worker on HIV/AIDS.

Dr. Rupakala

52. Endoscopy Training 2007

53. Colposcopy Training : Kidwai

54. Training in Intra uterine Insemination:2013

55. Hands on Training in Uro gynaec work shop :2013

Dr. Suhasini

56. Advanced Endoscopy Training

57. Gynaec oncology observership: Kidwai

58. IVF

Dr. Nagendraprasad

59. Laproscopy
60. Hysteroscopy

Dr.Sarojamma

61. Laproscopy
62. Hysteroscopy

Dr. Nirmala

63. Fellowship in Gynec Oncology
64. Laproscopy basics

Dr. Rekha

65. Laproscopy Basics

Dr. Suchitra

66. Laproscopy
67. Hysteroscopy
68. IVF Training

PAEDIATRICS

69. We have daily enrichment courses, PALS, NALS, TOT programmes, perinatal mortality, symposia, mortality and morbidity programmes every month. CPC is also conducted every month.
70. Dr.Prema completed PG diploma in adolescent practice in 2008 and PALS and NALS
71. Regular discussions being conducted in the Dept. For better management and upgradation of knowledge.
72. Dr.Tamil Selvan--- Neonatology and basic computer training
73. Dr.Purushotham
    a. Workshop in neonatal/ pediatrics advance life seaport
    b. Pediatrics & neonatal ventilation
    c. State pedicon 2007 at hubli
    d. State pedicon 2008 at Mysore
    e. Neonatology conference (NALS course) at Devaraj use medical college, Kolar
    f. NALS course held at Columbia asia hospital, mysrore
    g. Workshop on ventilation, held at Saifee hospital, Mumbai.
    h. Work shop on research methodology, dec 2012.

74. Dr.Rajnish,Asso.Prof-- Enrichment Courses : NALS, PALS, TOT IAPNRP(NAVJAT SHISHU SURAKHSHA KARYAKRAM.
75. Dr.Sree Krishna, Prof-- NALS, PALS, worked in PICU,NICU abroad in a Tertiary Care Centre.
76. Dr,Prathibha, SR-- PALS, Fellowship in Adolescent Pediatrics from University of Kerala.
77. Dr.Sangeeta, SR-- NALS, PALS
78. Dr.Sahana,SR-- PALS,NALS
79. Dr.Sunil.B,Asso.Prof-- NALS,PALS

Fact Data Sheet-15. List of Approved Guides

ANATOMY

1. Dr B Sathyamurthy
2. Dr G. K Ramachandrappa
3. Dr Balakrishna

PHYSIOLOGY

4. Dr, Ranganath M.D, Professor & HOD
5. Dr. Mary Prem Jayarajan Professor.

BIOCHEMISTRY

6. Dr. H.V. SHETTY, Professor and HOD, Biochemistry
7. Dr S.M.R.Usha, Professor of Biochemistry
8. Dr. PRIYADHARSHINI K. S., Associate Professor, Biochemi

PHARMACOLOGY

9. Dr.Basavaraj Bhandare,
10. Dr.A R Kalamdani
11. Dr.Sathyanarayana V

PATHOLOGY

12. Dr. T.Rajaram
13. Dr. Rangappa
14. Dr. Usha Ramachandra
15. Dr. Sharmila.P.S
16. Dr. V.Mahanthachar

MICROBIOLOGY

17. Dr. Sangeetha. S
18. Dr. Gogi Suresh Dattatreya
19. Dr. K.C. Rathish

FMT

20. Dr.Chandrashekaraiah .C
21. Dr.Pradeep kumar. M.V

COMMUNITY.MED

Sl No.	Name	Sex	Designation	*Qualification*	*Approved Guide Y/N*	*STATE*	*PT/FT*	*PhD /*

SL NO.	NAME	SEX	DESIGNATION	QUALIFICATION	APPROVED GUIDE	STATE	PT/FT	
22.	Dr.Shashikala Manjunatha	F	Professor & HOD	MBBS.M.D. D.I.H	Y	Karnataka	FT	
23.	Dr.Jayanth Kumar	M	Professor	MBBS.M.D.	Y	Karnataka	FT	
24.	Dr.Damayanthi M N	F	Professor	MBBS.M.D.	Y	Karnataka	FT	

GEN. MEDICINE

25	DR.Krishna.M.V	M	Professor & HOD	MBBS , MD(Med)	Yes	Karnataka	FT
26	Dr.K.Rangamani	F	Professor	MBBS , MD(Med)	-	Karnataka	FT
27	Dr.Chikkananjaiah	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
28	Dr.Ajith Kumar	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
29	Dr.Vijay.M.B	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
30	Dr.Mamatha B Patil	F	Professor	MBBS , MD(Med)	Yes	Karnataka	FT
31	Dr.Sudhindra	M	Professor	MBBS , MD(Med)	Yes	Karnataka	FT

TB & CHEST

32. Dr.Y.Laxman – Professor and HOD of dept. of pulmonology
33. Dr.Karnappa Bhangari – Asso. Professor of dept of pulmonology

SKIN & VD

34. Dr. Vivekananda. Professor and H.O.D.
35. Dr. Umashankar N. Professorand Additional H.O.D.

PSYCHIATRY

36. Dr Amar Bavle
37. Dr Sudhir Hebbar

SURGERY

38. Dr. Saiprasad
39. Dr. Revansiddappa
40. Dr. Jaganmaya
41. Dr. Seshasayi
42. Dr. B.J Sreekantaiah
43. Dr. Venkatesh.S
44. Dr. Hanumanthaiah
45. Dr. Naveen.P

ORTHOPAEDIC

46. Dr.Rajagopalan.N., Professor and HOD for MS.Ortho and also approved as a Guide for Ph.D. in Orthopaedics, by RGUHS.
47. Dr.Roshan Kumar, B.N., Professor, for MS.Ortho.

OPHTHALMOLOGY

48. Dr Shivkumar, Dr Appaji gowda
49. Dr Kaushal Kumar

E.N.T.

50. Dr. Nagaraj T.M (Prof and HOD)
51. Dr. Srinivas .V (Prof)

RADIOLOGY

52. Dr Pravin G U / M / Prof & HOD MBBS,MD Y/ FT
53. Dr Saroja R K / F / Professor MBBS,MD Y/FT
54. Dr Javaji raviprasad / M / Prof MBBS MD Y/FT
55. Dr Munirathna / M / Prof MBBS MD Y/FT
56. Dr Seetha Pramila V V F / Professor MBBS,DMRD DNB/ Y/FT

ANAESTHESIOLOGY

57. Dr.H.Sahajananda
58. Dr.Rangalakshmi
59. Dr.Venkatesh Murthy

OBGY & GYNAEC.

Sl:No	Name of The Staff	Designation
60.	Dr.Nagarathnamma	Prof & HOD
61.	Dr.Sailakshmi	Professor
62.	Dr.Roopakala	Professor
63.	Dr.Suhasini	Professor

PAEDIATRICS

64. Dr.Adarsh E, Prof and HOD, Ped.
65. Dr.Prema, Prof Pediatrics
66. Dr.Tamil Selvan, Prof of Pediatrics
67. Dr. Y Sreekrishna , Prof of Pediatrics

Fact Data Sheet-16. List of on-going projects-

ANATOMY

Dr. Shruthi (Asst prof)

1. Unilateral entrapment of renal artery by Diaphragmatic crus.

Dr. Mangala (Asst prof)

2. Duodenal diverticulum.

Dr. Bharathi .D (PG) under the guidance of Dr. Ramachandrappa GK (Prof)

3. A nasal endoscopic study of anatomical variations of human nasal osteomeatal complex. Variation in branching pattern of axillary artery

Dr. Supraja Srivatsava (PG) under the guidance of Dr. Sathyamurthy.B (Prof & HOD)

4. Case report: Unilateral rectus sternalis muscle.
5. A study of palmar dermatoglyphics in typeII Diabetes mellitus in a tertiary care hospital.

Dr. Pavan Kumar Sisodia (PG) under the guidance of Dr. Balakrishna (Prof)

6. Study of gross anatomy and metrical analysis of coronary sinus in human heart.

PHYSIOLOGY

7. A comparative study of glomerular filtration rate in normal subjects and type 2 diabetes mellitus patients in Bangalore – Dr.Neelkanth Kote
8. A comparative study of short term memory assessment by visual tasks in yoga practitioners and normal subjects – Dr.Shilpa M
9. A comparative study of anemia with the degree of glycemic control in type 2 diabetes mellitus – Dr.Ujwala Jagdale
10. A retrospective study of anemia in women of reproductive age group in Rajarajeswari Medical College & Hospital, Bangalore – Dr.Ujwala Jagdale
11. Attitude of first year MBBS students about the different teaching aids used in Physiology lectures -– Dr.Ujwala Jagdale

BIOCHEMISTRY

12. Dr. N.Chandrika, Assistant Prof. of Biochemistry
    Dr. S.M.R. Usha, Prof. of Biochemistry.
    Dr. H.V. Shetty, Prof. & HOD Biochemistry

Project Title: Study of serum ferritin and serum insulin levels in prediabetics.

13. Dr. S.M.R. Usha, Prof. of Biochemistry

Dr. C.M. Bindu, Associate Prof.of Biochemistry

Project title: Prevalence of thyroid dysfunction among Women in menopause transition referred to lab for biochemical investigations during an 8 month period. (Jan – Aug 2012)

14. Dr. C.M. Bindu, Associate Prof.of Biochemistry.
    Project Title: Effect of blood glucose in different phases of Menstrual cycle.
15. Dr. Manjula K.S. Postgraduate in Biochemistry
    Project Title: Relation between hyperglycemia and hypertriglyceridemia
16. Dr. Reena R. Postgraduate in Biochemistry
    Project Title: Influence of fasting and non-fasting state on Lipid Profile.

PHARMACOLOGY

17. A comparative study of combination therapy of topical Isotretinoin plus topical Clindamycin versus topical Adapalene plus topical Clindamycin in the treatment of mild to moderate acne vulgaris of face in a tertiary care hospital, Bangalore.

Dr. Jyotirmoy Adhikary , Dr Satyanarayana. V

18. A Prospective study of prescribing pattern of Anti hypertensive drugs in a tertiary care hospital Bangalore

Dr A R Kalamdani , Dr Prasad S R , Mrs Hema Malini , Dr Basavaraj Bhandare , Dr Krishna M V

19. A Prospective study to evaluate the efficacy of combination therapy of Vildagliptin and Metformin in the treatment of Type II Diabetes Mellitus.

Dr Basavaraj Bhandare , Dr Satyanarayana V. , Dr Jyotirmoy Adhikary

20. Variation in Glucose concentration in different phases of menstrual cycle in patients with pre menstrual symptoms (PMS)

:Dr Meena K N, Dr Basavaraj Bhandare , et al

21. A prospective study of Antimicrobial prophylaxis in lower segment cesarean section in a tertiary care hospital.

Dr Naveen Poojar C M, Dr Basavaraj Bhandare

22. Prescription pattern of antihypertensive drugs in elderly patients in a tertiary care hospital.

Dr.Poornima B , Dr A R Kalamdani.

23. Comparative study of efficacy and safety of Dexrabeprazole versus Rabeprazole in patients with Gastro-esophageal reflux disease (GERD)

Dr Basavaraj Bhandare , Dr Satyanarayana V

24. **"**Study Of Pattern Of Antimicrobials Usage In Lower Respiratory Tract Infection In Department Of General Medicine**"**

Dr.Poornima.B , Dr. Anand R Kalamdani , Dr.Basavaraj Bhandare

25. "Prescription Pattern Of Drugs In Osteoarthritis In Department Of Orthopedics

Dr.Poornima.B , Dr. Anand R Kalamdani, Dr.Basavaraj Bhandare

26. "Pattern Of Use Of Antihypertensives In Pregnancy Induced Hypertension

Dr. Naveen Poojar C M,. Dr.Basavaraj Bhandare ,Dr.Sathyanarayana V

27. "Study Of Antimicrobial Usage In Intensive Care Unit

Dr. Naveen Poojar , Dr.Basavaraj Bhandare , Dr.Sathyanarayana.V

PATHOLOGY

28. Study of liver in forensic autopsy cases : Dr T Rajaram

29. Clinico -Pathological Profile of Sino-nasal Carcinoma :,

Dr. Sharmila.P.S

30. Study of Atherosclerosis in young Adults died due violent deaths in South Bangalore A pilot Study of 10 cases, in Department of Forensic Medicine in collaboration with Department of Pathology, RRMCH, Bangalore.

Dr. V.Mahanthachar,

31. Study of Hyperpigmented lesions – Clinico-Pathological correlation. Dr Shweta S,

32. Clinico-Pathological study of Lichenoid lesions of skin.

Dr. Jyothi A Raj,

33. Perinatal Autopsies : Clinico-Pathological correlation : A Hospital based study. Dr Shashikala K

Histomorphologycal Profile of Spectrum of Gastrointestinal Lesions in Tertiary Care Hospital Dr.Sushma T.A

MICROBIOLOGY

34. Comparative Lab diagnoses of Malaria by Leishman stain & Acridine orange stain of Peripheral blood smear & ICT. Funded by Institute.

35. Aerobic bacterial & fungal aetiology of chronic suppurative otitis media. Funded by Institute

36. Comparative detection of NS1 antigen by ELISA and Immunochromatography in clinically suspected cases of Dengue virus infection in a teaching Hospital. Funded by Institute

37. Detection of Carbepenamase and Metallo- beta lactamase in clinical isolates of Pseudomonas aeruginosa in a tertiary care centre. Funded by Institute.
38. Screening for nasal carriage of methicillin resistant staphylococcus aureus among health care workers.12/03/2013.
39. Thyroid dysfunction in overweight and obese adolescents: A clinical study to evaluate prevalence of abnormal levels of T_3, T_4, Thyroid Stimulating Hormone(TSH), Thyroglobulin IgG and Thyroperoxidase IgG in overweight and obese adolescents.
40. Staphylococcal species with special reference to methicillin and mupirocin resistance
41. Title: study on neonatal sepsis with reference to sepsis screening, sepsis score, microbiological profile and sensitivity.
42. Correlation of intestinal Lactobacilli and Obesity: A culture based study to establish the correlation between Lactobacilli present in the gut micro flora and obesity. Principal Investigator: Akshita Ramani, 2ndMBBS, Co-Investigator: Dr. Sangeetha. S., M.D. Microbiology, Professor and HOD, Rajarajeswari Medical College & Hospital, Bangalore.
43. Pseudomonas aeruginosa as a health care acquired pathogen in diabetic ulcers.Principal Investigator: ManjunathHiremath,2nd MBBS, Co-Investigator: Dr.D.G. Suresh, M.D. Microbiology, Professor, Rajarajeswari Medical College & Hospital, Bangalore.
44. Aerobic bacteria & their antibiotic sensitivity pattern in the discharge of Chronic Suppurative Otitis Media .Principal Investigator: Divya.B.Sheshadri, 2nd MBBS, And Co-Investigator: Dr.K.C.Rathish, M.D. Microbiology, Professor, Rajarajeswari Medical College & Hospital, Bangalore.
45. Pattern of Microbial Flora among the health care professionals and Environment of intensive care units in a teaching hospital. Principal Investigator, Ashmitha .A. Shetty, 2nd MBBS, Co-Investigator, Dr.Ragini.AnanthKashid.M.D., Associate Professor, Dept. of Microbiology.
46. Comparative Detection and Isolation of Escherichia coli 0157 by CefiximeTellurite Sorbitol MacConkey Agar (CT-SMAC) and Enzyme-Linked Immunosorbent Assay (ELISA) from Stool Specimens. A study to determine the efficacy of these methods in the detection of E coli 0157.Principal Investigator: Amrithanand.R, 2nd MBBS, Co-Investigator Dr.Kiran T.S, M.D., Assistant Professor, Dept. of Microbiology.

COMMUNITY.MED

47. **Dr. Shashikala.Manjunatha:** Profile of Disease Surveillance Activities in RRMCH.

48. **Dr. Jayanth Kumar K:** To Assess The Prevalence of Dental Fluorosis Among School Children In Rural Field Practice Area of RRMCH
49. **Dr Damayanthi M N:** Nutritional anemia among the adolescent girls in urban field practice area
50. **Dr Srividya V:** Investigation of outbreak of dengue: Cases reported at RRMCH
51. **Dr Usha S:** Study of selected risk factors of hypertension among adults in Urban Field Practice Area, RRMCH

GEN. MEDICINE

52. Prospective Study of clinical profile of type 2 diabetes among women
    Dr.Mamatha B Patil (Professor of Medicine)
53. Prediction of ventilator support in organo phosphorus poisoning.
    Dr.Udayshankar (II year PG)
54. Study of clinical and echocardiographic profile in patients with chronic kidney disease.
    Dr.Sourav Das (II year PG)
55. Study of CIMT and Atherosclerotic risk profile in Acute Ischemic stroke.
    Dr.Srikanth Reddy (I year PG)
56. CIMT in relation to Atherosclerotic risk factors in patients with prediabetes and Type 2 DM. Dr.Suraj Das (I year PG)
57. Clinical and Biochemical Profile of lean Type 2 DM with BMI <18.5kg/m^2.Dr.Neetiraj Singh (I year PG)
58. Comparitive study of dyslipidaemia in Type II DM with and without associated hypothyroidism. Dr.Kathyayini (I year PG)
59. Study of Cardiorenal Syndrome in Heart Failure. Dr.Tarapatla Sandeep (I year PG)
60. Clinical and Laboratory Profile of Asymptomatic Bacteriuria in women with Type 2 DM. Dr.Arigara Ganesh (I year PG)
61. A study of asymptomatic fatty liver disease's relation technical features, serum levels of C-reaction protein and other laboratory profile. Dr.Sandeep T (I year PG)
62. A One year cross sectional study of co-relation of clinical parameters with serum hSCRP as a predictior of severity of disease in COPD. Dr.Abhishek.M (I year PG)

TB & CHEST

63. Incidence of TB in Hiv. A prospective study in RRMCH
64. Study of MDR TB cases in RRMCH.

SKIN & VD

65. A clinical study of dermatological conditions along Blaschoc's line.
66. A clinical study of Acrofacial Hypopigmentation.
67. Evaluation of effect of Valciclovir on pain in Herpes Zoster with respect to time of initiation of treatment.

OPHTHALMOLOGY

68. "Auto blood tissue Adhesive limbal conjuctival graft in primary pterygium"
69. "Visual outcome in unusual presentation of Retro bulbar neuritis "
70. "Phacoemulsification in a patient with micro cornea with mature cataract with iris coloboma"
71. "Ocular phthirias mimicking like trachoma-case report"

E.N.T.

72. Nasal airway patency and turbinate reduction techniques –Microdebridor turbinoplasty Vs conventional turbinoplasty
73. Dr. T. M Nagaraj, Dr. Ritesh Mahajan etal
74. Headache and myofacial pain dysfunction studios
75. Dr. T.M Nagaraj, Dr. Vishwas K.V etal
76. Benign lesions of pinna and auricle
77. Dr. T. M Nagaraj, Dr. Shivanand Patil etal
78. Endoscopic ear surgeries and conventional ear surgeries – A comparison
79. Dr. V Srinivas, Dr. Roshna etal
80. Incidence and prevalence studios on snoring and sleep apnea
81. Dr. V Srinivas etal

RADIOLOGY

82. Hysterosonosalpingography and Hysterosalpingography in diagnosis of Tubal patency in Infertility patients. Dr Andrew / Dr. Pravin
83. Spleen/Kidney ratio in the assessment of mild Splenomegaly. Dr.Prajwal / Dr. Saroja
84. A study of combination of Mammography and Sono-mammography in evaluating palpable breat masses – Dr. Anuprakash / Dr. Pravin
85. Role of high frequency ultrasonography in the correlative study of thyroid diseases with histopathology report. Dr.Ashwin chandrashekar / Dr.Saroja.

86. Role of MRI as a diagnostic tool in evaluating internal derangements of Knee compared to arthroscopy.Dr.Naresh Nikhil / Dr. Seeta

ANAESTHESIOLOGY

87. Comparsion of Transdermal Fentanyl, and for post operation pain relief.
88. Increasing tendency for attempted suicide in children below 15 years – a statistical analysis over the last 5 years.
89. Comparsion of post of pain relief with continuous epidural anaesthesia in babies under 10kg vs conventional methods of analgesia in major abdominal and pelvic surgery.
90. Treatment of with radiculopathy epidural steroid injection vs conventional treatment with traction physiotherapy.
91. Clinical Experience of Airway Management and Tracheal Intubation under General Anaesthesia in Patients with Post burn Scan Contracture of Neck.
92. Clinical Practice and complications of Endotracheal Intubation in the Intensive care unit: A Prospective Study.
93. LMA Supreme V/S I gel: changes in respiratory mechanics during Laparoscopic cholectystectomy.

    Perioperative risk stratification before major non cardiac surgery: Comparison of Duke Activity Status Index Questionnaire, 6 min. walk test and 6 min. treadmill walk test

OBGY & GYNAEC.

82. To evaluate the efficacy and safety of iron sucrose injections in pregnancy complicated by iron deficiency anemia: Dr.Savitha
83. Comparison of warm and cold saline contrast media for hysterosalphingography: a prospective randomized study: Dr. Pavanaganga
84. One step method for screening and diagnosis of gestational Diabetes Mellitus Dr. Chandana
85. Study of ovarian tumours :a prospective study at RRMCH: Dr.Rupakala.B.M
86. Outcome of instrumental deliveries: Dr. Manorama
87. Diagnostic value of Risk of malignancy index for ovarian cysts: Dr. Nirmala.C
88. Hysteroscopy in IVF patients: Dr.Nagendra Prasad
89. Ultrasound findings in ectopic pregnancy: Dr.Vishma
90. Prevalence of anemia in partiriuent;Moderator: Dr.Savitha

91. Satisfaction of the patient with the treatment provided in OBG department; Moderator: Dr. Rupakala.B.M
92. Average age of Hysterectomy patients;Moderator: Dr.Suhasini
93. Blood transfusion :indications ,severity. ;Moderator: Dr.Sailakshmi
94. Significance of urine routine in pregnant patients;Moderator: Dr.Rekha
95. Prevalence of Severe Pregnancy Induced Hypertention ;Moderator: Dr.Sarojamma
96. Contraceptive usage in Rural population ;Moderator: Dr.Nirmala.C
97. Prevalence of Vulval pruritis in post menopausal women ;Moderator: Dr.Suchitra
98. Prevalence of Abnormal Uterine Bleeding in rural population Moderator: Dr.Nagarathnamma

Nephrology

99. Dialysis outcome in elderly
100. Epidemiology of AKI in rural south India
101. Outcome of AKI in elderly

PAEDIATRICS

102. Dr.Adarsh 8 projects
103. Dr.Prema – Case report – Osteopetrosis, Nicolas Syndrome
104. Dr.Prema – Obesity, Infantile colic, dengue shock syndrome, medically unexplained symptons in children age between 7 years to 17 years.
105. Dr.Sreekrishna, Prof of ped- 1. Role of Serum electrolytes, Magnesium, Zinc estimation in the management of Febrile convulsions. One more project is under process.
106. Dr.Tamil Selvan, Dengue fever and thyroid screening.
107. Dr.Karthik,Asso.Prof-- a) Parental and infant factors contributing to infantile colic.
b) Double blind study comparing Ringer lactate and normal saline in management of Dengue shock syndrome

105. Dr.Sangeeta,SR-- Infantile osteopetrosis-case report
106. Dr.Sahana,SR-- Sucrose as an analgesic in new born.
107. Dr. Sunil.B,Asso.Prof-- Comparison of Tcb Vs Sbr in Tritantax,NICU at RRMCH, BERA at RRMCH, NICU outcome for 2yrs,CPAPs Ventilation in newborn at RRMCH

Fact Data Sheet-17. List of projects completed in

ANATOMY

Dr. Shruthi

1 Precaval right renal artery- Anatomica Karnataka

2 Correlation of diameter of main renal artery with that of accessory renal artery- Anatomica Karnataka

Dr. Mangala

3. Acardia cephalus twin- A case report- Anatomica Karnataka- April 2010

PHYSIOLOGY

4. A comparative study of auditory and visual reaction time between normal and hypothyroid patients before and after treatment – Dr. Rekha K N
5. Correlation between High sensitivity C -Reactive protein with the degree of glycemic control in type 2 Diabetes mellitus patients -Dr. Gopi Kumar M S
6. Evaluation of stress status among MBBS students prior to Internal Assessment examination – Mr. Ganesh Pradhan
7. Predicting the visual outcome of senile mature cataract patients of RRMCH –Dr. Gopi Kumar M.S.
8. Correlating the values of CFF with retinopathy changes in type II DM patient – Dr. Gopi Kumar M.S.
9. Effect of premenstrual stress on auditory and visual reaction time –Dr.Rekha K N
10. Effect of premenstrual stress on critical fusion frequency - Dr.Rekha K N

    Correlating the auditory and visual reaction time with the levels of HbA1c in type 2 DM patients – Dr. Rekha KN.

BIOCHEMISTRY

11. Dr. H.V. Shetty, Prof & HOD Biochemistry.

    Project Title: A pilot study of a retrospective cohort study on Low birth weight, rapid catch-up growth and selected cardiovascular risk factors among children and young adults in Karnataka, South India.

12. Dr. H.V. Shetty, Prof. & HOD Biochemistry

    Dr. S.M.R. Usha, Prof. of Biochemistry.

    Dr. N.Chandrika, Assistant Prof. of Biochemistry

Project Title: The influence of BMI on serum ferritin, serum insulin and blood glucose levels among medical students with and without family history of type II Diabetes Mellitus.

13. Dr. S.M.R. Usha, Prof. of Biochemistry.
    Dr. N.Chandrika, Assistant Prof. of Biochemistry
    Dr. H.V. Shetty, Prof. & HOD Biochemistry
    Project Title: The influence of WHR on serum ferritin, serum insulin and blood glucose levels among medical students with and without family history of type II Diabetes Mellitus.

PHARMACOLOGY

14. Study of surgical site infections in abdominal surgeries. Journal of Clinical and Diagnostic Research. 2011. Oct. Vol: 5(5). 935-939.

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15. Drug prescribing patterns in upper respiratory tract infections in children aged 1-14 yrs. International journal of Pharma and Biosciences. Vol 3 / issue 1 / Jan – Mar 2012

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16. Profile of Drug Utilization among elderly patients attending a Cardiology Clinic in Mangalore, India. Journal of Pharmacy Research. 2010. 3(8). 1835-37.

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17. A study to assess knowledge, attitude and practice of adverse drug reaction reporting among physicians in a tertiary care hospital - ***Jyotirmoy Adhikary et.al***
    Journal of Evolution of Medical and Dental Sciences/ Volume 2/ Issue 9/ March 4, 2013,1027-1034
18. A retrospective study of Antimicrobial prophylaxis and surgical site infection in a tertiary care hospital

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PATHOLOGY

19. Histomorphological study of Teratomas in a Tertiary care hospital.
    Dr. Sushma. T.A, Dr. Shashikala.K, Dr. Sharmila.P.S, Dr. Shwetha Jaykar.S, Dr. Jyothi A Raj, Dr. V.Mahanthachar, Dr. T.Rajaram, Dr. Usha Ramchandra.

MICROBIOLOGY

20. Detection of Anti-Rubella antibody titres in medical students and health care workers. Funded by Standard Diagnostics India Ltd.
21. Detection anti HBsAg titres and HCV in medical students and health care workers. Funded by Institute
22. Asymptomatic Bacteruria in pregnant women. Funded by Institute
23. A study of MRSA by cefoxitin disc diffusion test. Funded by Institute
24. Occurrence of extended spectrum -β-lactamase among Enterobacteriaceae species isolated at a medical college hospital in Bangalore. Funded by Institute
25. Detection of Group B Streptococci in pregnant women and its transmission to their new born. Funded by Institute
26. Characterization of Candida isolates and their Antifungal Susceptibility pattern in a tertiary care centre. Funded by Institute

COMMUNITY.MED

27. Magnitude of respiratory morbidity among the Brick Kiln workers in urban field practice area of RRMCH, Bangalore
28. A Socio-Demographic profile & study of utilization of adolescent health clinics by the adolescents of Ramanagara District

GEN. MEDICINE

29. Study of clinical & radiological profile of NAFLD in Type 2 Diabetes Mellitus. – Dr.Krishna.M.V
30. Drug Trial - Study of efficacy of Pneumococcal Vaccine in adults Clinigene (Co-Investigator). -Dr.Krishna.M.V
31. Study of comparative evaluation of Efficacy and safety of Losartan – Metoprolol XL combination Vs Losartan – Ramipril combination in patients with essential Hypertension along with Type 2 Diabetes. – chief investigator .-Dr.Krishna.M.V
32. XRise – II Study – Use of Diamicron XR60 to achieve strict glycemic control of type 2 diabetes in primary care. – Dr.Krishna.M.V
33. Clinical & etiological study of acute febrile illness with thrombocytopenia – hospital based 1 year cross sectional study. – Dr.Mamatha B Patil

OPHTHALMOLOGY

34. Comparative Evaluation of incidence of posterior capsular opacification with square edged and round edged polymethlymetarycate intra-ocular lens in small incision cataract surgery

35. Correlating between visual acuity in a diffuse retinal thickening (DRT)&other types of diabetic macular edema by optical coherence tomography(OCT) scan in type 2 diabetic patients

E.N.T.

36. " Tracheal resections for thyroid cancers" -**Journal of Laryngology and otology,** 2011(accepted)

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37. "Paediatric infraorbital nerve schwannoma- a rare clinical entity" **-International journal of Head and Neck Surgery (accepted)** Dr. Vishal Rao etal
38. **"** Vocal cord paralysis Following Percutaneous Embolization of a Vagal Paraganglioma" **International Journal of Head and Neck Surgery,** Feb 2011 Dr. Vishal Rao etal
39. " Clinical Localization of the Spasmodic Segment in Voice Limiting Pharyngoesophagial Spasm" - **International journal of Head and Neck Surgery,** Oct 2010 ,Dr. Vishal Rao, etal
40. " Role of Angiogenetic markers to predict neck node metastasis in Head and Neck Cancer"- **Journal of Cancer Res Ther** , June 2010 ,Dr. Vishal Rao etal
41. " Role of Adjuvant Neck Dissection following Radio chemotherapy in partial neck responders" **Lancet Oncology,** March 2010,Dr. Vishal Rao etal
42. " Salvage Laryngectomy following Organ Preservation Approaches" – **Oncoscope**, 2010 **Dr. Vishal Rao etal**
43. " A rare case of salivary duct carcinoma of the hypo pharynx" – **International journal of Otolaryngology and Head and Neck surgery,**2012 ,Dr. Prashanth. V. etal
44. " Tracheal resection and anastomosis of carcinoma of thyroid invading the trachea " – **Journal of Laryngology and Otology ,**2012,Dr. Prashanth. V. etal
45. " Massive chylorrhea following total thyroidectomy and neck dissection –case series"– **International journal of Otolaryngology and Head and Neck surgery,**2012

Dr. Prashanth. V. etal

46. " A rare case of congenital ocular melanoma in a 3 year old child-**International Journal of Head and Neck Surgery ,**2012 ,Dr. Prashanth. V. etal
47. "Local flaps on the face- a systematic review"- **Clinical Otorhinolaryngology,** 2013 **Dr. Vishwas. K. V. etal**
48. "Solitary nasal mass- an unusual presentation"- **American Journal of Otolaryngology,**2012

Dr. Vishwas. K. V. etal

49. " Tracheal resections for thyroid cancers" -**Journal of Laryngology and otology,** 2011(accepted)
Dr. Vishal Rao etal
50. "Paediatric infraorbital nerve schwannoma- a rare clinical entity" **-International journal of Head and Neck Surgery (accepted),**Dr. Vishal Rao etal
51. **"** Vocal cord paralysis Following Percutaneous Embolization of a Vagal Paraganglioma" – **International Journal of Head and Neck Surgery,** Feb 2011 ,Dr. Vishal Rao etal
52. " Clinical Localization of the Spasmodic Segment in Voice Limiting Pharyngoesophagial Spasm" - **International journal of Head and Neck Surgery,** Oct 2010 ,Dr. Vishal Rao, etal
53. " Role of Angiogenetic markers to predict neck node metastasis in Head and Neck Cancer"- **Journal of Cancer Res Ther** , June 2010 ,Dr. Vishal Rao etal
54. " Role of Adjuvant Neck Dissection following Radio chemotherapy in partial neck responders" **Lancet Oncology,** March 2010,Dr. Vishal Rao etal
55. " Salvage Laryngectomy following Organ Preservation Approaches" – **Oncoscope**, 2010
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56. " A rare case of salivary duct carcinoma of the hypo pharynx" – **International journal of Otolaryngology and Head and Neck surgery,**2012 ,Dr. Prashanth. V. etal
57. " Tracheal resection and anastomosis of carcinoma of thyroid invading the trachea " – **Journal of Laryngology and Otology ,**2012,Dr. Prashanth. V. etal
58. " Massive chylorrhea following total thyroidectomy and neck dissection –case series"– **International journal of Otolaryngology and Head and Neck surgery,**2012,
Dr. Prashanth. V. etal
59. " A rare case of congenital ocular melanoma in a 3 year old child-**International Journal of Head and Neck Surgery ,**2012 ,Dr. Prashanth. V. etal
60. "Local flaps on the face- a systematic review"- **Clinical Otorhinolaryngology,** 2013
Dr. Vishwas. K. V. etal
61. "Solitary nasal mass- an unusual presentation"- **American Journal of Otolaryngology,**2012
Dr. Vishwas. K. V. etal

ANAESTHESIOLOGY

62. Effects of intravenously administered Clonidine on Haemodynamics and Plasma Cortisol response to Laparoscopic Cholecystectomies.
63. Anaesthesia considerations in a patients with Situs lnversus posted for laparoscopic cholectystectomy.
64. A case of portal hypertension secondary to non-cirrhotic portal fibrosis posted for Splenectomy with proximal Splenorenalshunt (PSRS)
65. General anaesthesia for a child with Treacher-Collins syndrome.

OBGY & GYNAEC.

66. To study the accuracy of pap smear, VIA, VILLI in detecting pre- cancerous lesions of cervix in RajaRajeswari Medical College & Hospital , Banglore. **Dr. Sirisha**
67. Role of Diagnostic hysterolaparoscopy in primary infertility;Dr.Uma Rani
68. Role of Isoxsuprine vs Nifedipine as tocolytic drugs in prevention of preterm labour**";Dr.Roopalatha**
69. Assessment of Cervical Funneling and short cervix in pregnant women with threatened preterm labour and outcome;Dr.Srihari
70. A prospective study of umbilical cord coiling index as a marker of perinatal outcome at Rarajarajeshwari Medical College;Dr.Amitha
71. Foetal safety and the duration of first stage of labour with a single dose of i.v. injection Hyoscine butylbromide versus i.v. injection Drotaverine hydrochloride in Rajarajeshwari Medical college and Hospital ;Dr.Sindhoora
72. Psycological distress and psychiatric morbidity in women who undergo hysterectomy;Dr.Vidya

Nephrology

73. Epidemiology of CKD in rural population of south India
74. Serum amylase levels in CKD patients
75. Cardiovascular risk factors in CKD patients

PAEDIATRICS

76. Dr.Adarsh --10 Projects
77. Dr.Karthik-- a) Comparitive study of efficacy and safety of pentavalent vaccine and tritantax + Hiberax. b) Study of efficiency and safety of Dengue vaccine

Fact Data Sheet-18. List of problem based learning

ANATOMY

1. 1st MBBS students are trained in objective structured practical examination topics and students are encouraged to prepare topics on ospe.
2. The post graduate students are trained in window dissections preparation of museum models and charts.
3. They are given questioners about congenital anomalies that are met during regular dissections and ask them to explain the same.

PHYSIOLOGY

4. **CASE 1**

   A woman aged 30 years complains of general fatigue, breathlessness on exertion, giddiness, headache, palpitations and loss of appetite.

   On examination the patient showed pallor of skin and mucus membrane, tachycardia, glossitis, spooning of nails.

   Investigations revealed

Hemoglobin	-	6g/100ml
RBC Count	-	3 million/cu mm of blood
MCHC	-	28 g/100ml
MCV	-	60 cubic microns

   Differential count – eosinophilia

   Stool examination- hook worm ova present

   Questions

   1. What is the type of anemia in this patient?
   2. What is the cause of anemia in this patient?
   3. Mention the principles involved in the treatment of this patient.

5. **CASE 2**

   A young female exhibits abnormal fatigability of muscles. Muscular movements though initially strong, rapidly tire as the day advances or after a vigorous exercise. The symptoms to appear are ptosis, weakness of chewing, swallowing and speaking. She was unable to undertake work above the level of shoulder. The symptoms showed a remitting course and often were precipitated by emotions, infections and pregnancy.

CNS - normal. Remarkable recovery was seen after injection of neostigmine intramuscularly.

Questions

1. What is your diagnosis?
2. What is the main cause for this condition?
3. Hoes does injection of neostigmine improves the condition?

6. **CASE 3**

A 69 year old man goes to consult his physician. As he sits in the waiting room, he is observed to have tremors in his hands and fingers. His face is unexpressive and he makes few movements. When he is invited to enter the physician's office, he has difficulty in standing up. He walks slowly into the office, and his arms do not swing appreciably. When he talks to the physician, his speech is monotonous but he shows no intellectual deficit. There was no sensory loss. The stretch reflexes were normal and the muscles exhibited rigidity.

Questions

1. What is your diagnosis?
2. Which part of the nervous system is involved in this disease?
3. Why are the movements so few and slow?
4. What is the treatment?

7. CASE 4

A patient reported that she was feeling very weak. Her arms and legs were thin but abdomen, back and face were full with deposition of fat. There were reddish striae on the skin of her abdomen. She had noticed that minor injuries were taking a long time to heal.

Questions

1. Identify the endocrine abnormality in this subject.
2. What is the cause of poor wound healing in this subject?
3. What change may be expected in the blood sugar value of this subject and what is its cause?

8. CASE 5

A middle aged individual comes with a history of weakness, increased thirst, increased excretion of urine and increased appetite. He also complains of loss of weight and poor healing of the wound.

Investigation reveals:

Urine contained sugar but not ketone bodies

Fasting blood glucose level – 160 mg/100 ml of blood

Questions

1. What is your diagnosis?
2. How do you explain polyuria, polydipsia and polyphagia?
3. What does absence of ketone bodies suggest?

9. CASE 6

A female aged 28 years came with a history of nervousness, restlessness, tiredness, excessive sweating, palpitation, increased appetite and amenorrhea.

On examination there was tachycardia, dyspnoea on exertion, fine tremors of out stretched hands, and the skin was warm and moist and the front of the neck was enlarged.

The eyes were prominent and the lids were retracted. Examination of cardia revealed that the heart was enlarged and sinus tachycardia and extra systoles were present.

Investigation:

B.M.R was 40%

Serum cholesterol- 100 mg%

Basal pulse rate 120/min

Questions

1. Comment on the investigation report
2. What is your diagnosis?
3. What other investigations would you suggest to confirm your diagnosis?

10. CASE 7

A male child aged 3 years old was brought to a doctor with complaint of bleeding from nose, mouth, urinary tract, alimentary tract and skin after trivial injury. Sometimes swelling of joints with pain and fever was also noticed. The bleeding was not profuse, but it was persistent. A careful history revealed similar bleeding tendency in male relatives. Investigations revealed that the coagulation time was prolonged. The bleeding time, prothrombin time and the platelet count was normal.

Questions

1. What is the most likely diagnosis?
2. Why females are not usually affected by this bleeding disorder?

3. What are the chances of the boy's sister being a carrier?
4. What is the physiological basis for treatment of this disorder?

11. CASE 8

A patient comes to a doctor with a history of yellow coloration of the aclera and skin. The stool was clay colored, bulky and foul smelling. He also developed itching and loss of appetite.

On examination there was bradycardia. The sclera, mucus membrane and skin were stained yellow.

Investigations revealed

Stool: stercobilinogen – absent

Urine: bilirubin present

Blood: coagulation prolonged

Serum albumin – lowered

Serum bilirubin – 6mg/100 ml

Liver function tests – serum enzyme test elevated

Van Den Bergh test – direct positive

Questions

1. What is your diagnosis?
2. Why the stool was pale, bulky and foul smelling?
3. Why the Van Den Bergh test was direct positive?

BIOCHEMISTRY

12. Reactions of Carbohydrates

Questions:

1. Name three (a) Monosaccharides (b) Disaccharides (c) Polysaccharides.

2. What is general test for monosaccharides? What is its principle?

3 Define (a)Aldose (b)Ketose . Give one example of each.

4 Name four reducing sugars. Why?

5 Name one non reducing sugar. Why?

1. Name two tests to differentiate reducing sugar from non-reducing sugar.

2. Name one test to differentiate monosaccharides from diasaccharides.

3. Mention the composition of (a) Benedict's (Qualitative) reagent (b) Barfoed's reagent.

4. Why monosaccharides& disaccharides do not answer iodine test?

5. Name the general test to detect polysaccharides.

6. Name one test to differentiate starch from dextrin.What is the shape of osazone crystals of (a)Glucose (b)Fructose (c) Maltose (d) Lactose?

7. Why glucose & Fructose form same type of osazone?

8. What is the composition of osazone mixture?

9. Name the confirmatory test for sucrose.

10. Name two tests to differentiate glucose & fructose.

11. Why Benedict's test is called as semiquantitative test? What is its clinical application?

13. Reactions of Proteins

Questions:

1. Mention three classes of proteins.
2. (a) Name the various agents used to precipitate proteins. Give two examples for each.

(b)What is the principle of precipitation of proteins by each agent?

3. Name two denaturation agents.
4. What is the general color reaction of protein?
5. Name two heat coaguable proteins.
6. What is the clinical significance of heat coagulation test?
7. Name four color reactions of proteins.
8. Name the amino acids which answer (a)Xanthoproteic Test (b) Sakaguchi's test (c)Pauly's test
9. Name (a) Aromatic Amino Acids (b) Sulphur containing amino acids.
10. Why sulphur test does not answer for methionine?
11. Name the amino acid with imidazole ring. Which test you will do to detect it.
12. What is the isoelectric pH of casein?
13. Name the test to detect phosphorus in casein.
14. Name the color reaction not answered by (a)Casein (b)Gelatin.
15. Why does egg albumin answer Molisch test?

14. Estimation of Blood Glucose by Folin Wu Method

Questions:

1. How is a sample collected for blood sugar estimation in a laboratory?

2. What are fasting, PPBS & random blood samples?
3. What are the normal blood glucose values?
4. What is the significance of the constriction & spherical bottom of Folin Wu tube?
5. What are the other methods of blood glucose estimation?
6. Which is the method of choice of glucose estimation?
7. What is true glucose?
8. What are the diagnostic criteria for diabetes mellitus?

15. Estimation of Blood Urea by DAM Method

Questions:

1. What is normal blood urea level?
2. Give the common causes of increased blood urea levels.
3. What is the commonest indication of doing blood urea estimation?
4. Can blood urea level decrease?
5. What is non-protein nitrogen excretion?

16. Estimation of Urine Creatinine by Jaffe's Method

Questions:

1. Define Clearance? What is normal creatinine clearance?
2. What is the normal daily creatinine excretion in urine?
3. What is creatinine coefficient & what is its importance?
4. What is the principal of Jaffe's method? Is it a specific method?
5. Creatinine clearance is considered better than urea clearance. Why?

17. Estimation of Serum Total Protein by Biuret Method

Questions:

1. What are the normal levels of total proteins, albumin, globulins& A: G ratio?
2. Mention the causes of hypoproteinaemia.
3. Hypoproteinemia is due to decrease in albumin or globulins?
4. What is the most common clinical manifestation of hypoalbuminaemia?
5. Mention the commonest cause of hyperproteinaemia? Which fraction of protein is uaually increased in it?
6. What is multiple myeloma? What is the nature of protein excreted in urine in this disease?
7. What is the importance of A:G ratio?

PHARMACOLOGY

CLINICAL PROBLEMS

18) A farmer was brought to the hospital with convulsions, sweating, laboured breathing. On examination, he had constricted pupil, excessive salivation and slow respiration, rhonchi heard all over the lung fields. The pulse rate and BP were low.

a) What is the probable diagnosis?

a) What is the line of treatment?

Probably Organophosphate poisoning

b) Terminate further exposure to the poison

Prevent further absorption by gastric lavage

Maintain patent airway – Endotracheal intubation, suction of tracheobronchial secretion, Positive pressure ventilation.

Maintain Blood pressure – IV fluids, vasopressor agents.

Specific antidotes – Inj. Atropine 2mg IV every 10min till pupil dilates, Cholinesterase reactivators (Pralicoxime 1g IV infusion, which can be repeated if required).

19) A mother was advised to instill atropine sulfate eye drops thrice daily for 8 days (2-3 drops at a time) in the eye for her 2 ½ year child for concommitant squint by a quack. After 6 days she brought the child to hospital with severe pyresxia and irritability. On examination – pupils dilated, face flushed and skin dried.

a) How do you account for above signs?

a) What is the line of treatment?

Above signs are indicative of atropine toxicity.

20) Stop usage of atropine eyedrops.

Tepid sponging till temperature come down to normal.

Placing the child in dark room (Photophobia)

Inj. Physiostigmine 1mg, repeated if required.

To a patient of labile hypertension without going into details of history, examination, investigation, propranalol was started and it was found that hypertension increased rather than decreasing.

a) Can you diagnose this patient?

a) Suggest proper treatment for hytpertension.

The increase in Hypertension may be due to Pheochromocytoma.

Surgical removal of the tumor is the treatment of choice. Inj. Phenoxybenzamine 50mg IV infusion is to be maintained intraoperatively.

In inoperable cases, Medical line of treatment to be continued.

Cap. Phenoxybenzamine 20mg BD.

PATHOLOGY

Sl. No	Specimen No	Names of Specimen
21.	M 121	Acute appendicitis
22.	M 84	Acute appendicitis
23.	M 155	Lobar pneumonia (grey hepatisation)
24.	M 69	Tuberculous lymphadenitis
25.	M 190	TB Cervical LN
26.	M 222	Hydatid cyst-spleen
27.	M 159	CVC Lung
28.	M 210	CVC Liver
29.	M 109	CVC Spleen
30.	M 195	CVC Liver
31.	M 178	Gangrene SI
32.	M 203	Madura foot
33.	M 182	Lipoma
34.	M 164	Neurofibroma
35.	M 123	Lymphoma (NHL)
36.	M 87	Leiomyoma
37.	M 96	Serous Cystadenoma ovary
38.	M 45	Adenomyosis-Uterus
39.	M 189	Cystic teratoma-ovary
40.	M 201	Bilateral serous cystadenoma ovaries
41.	M 216	Hydatid form Mole
42.	M 50	Fibroadenoma – Breast
43.	M 102	Fibroadenoma – Breast
44.	M 47	CA- Breast
45.	M 77	CA- Breast
46.	M 74	Multinodular Goitre
47.	M 4	Ca with Metastases LN caecum
48.	M 215	Adeno Carcinoma Cecum
49.	M 165	Lipomatous Polyp intestine
50.	M 91	Chronic Cholecystitis
51.	M 136	Cholesterol Gallstones
52.	M 191	Linitus plastica infiltrating Ca stomach
53.	M 3	Fungating Ca Stomach
54.	M 177	Ulcerative Adeno carcinoma Stomach
55.	M 82	Pigmented Gall Stones
56.	M 196	Micronodular cirrhosis liver
57.	M 194	Mixed nodular cirrhosis liver

58.	M 202	Hepatocellular carcinoma
59.	M 173	Left ventricular hypertrophy with Atherosclerosis
60.	M 179	Atherosclerosis
61.	M 150	Myocardial infarction
62.	M 73	Seminoma testis
63.	M 1	Ca penis
64.	M 21	Wilms tumor
65.	M 20	Chronic pyelonephritis
66.	M 160	Chronic Glomerulonephritis
67.	M 135	Urinary Bladder stone Triple Phosphate
68.	M 54	Cystic Disease-Kidney
69.	M 172	Renal cell carcinoma
70.	M 5	Osteosarcoma-tibia
71.	M 120	Giant cell tumor-Fibular Upper end
72.	M 273	SCC-Skin
73.	M 279	Lentigenous malignant melanoma sole (left foot)
74.	M 282	Pleomorphic adenoma-parotid gland
75.	M 11	Osteosarcoma-tibia
76.	M 94	Leiomyoma-uterus
77.	M 71	Squamous cell carcinoma
78.	M 285	Fatty liver
79.	M 223	Atherosclerosis Gangrene – foot
80.	M 181	Neurilemmoma

Problem based learning for II MBBS

List of discussion Charts

Sl.No	Names of Charts
81.	Thalassemia
82.	Sickle cell anemia
83.	Spherocytosis
84.	Neutrophilic leukemoid reaction
85.	Lymphocytic leukemoid reaction
86.	CML-Blast crisis
87.	Eosinophilia
88.	Reticulocytes
89.	Multiple Myeloma
90.	Megaloblastic marrow
91.	Transfusion reaction-intravascularhemolysis
92.	RH Incompatibility
93.	PAP smear-inflammatory
94.	HSIL-PAP smear (2)
95.	Malignant cells in pap smear (2)
96.	TB meningitis
97.	Fibroadenoma-breast

98.	CA Breast (2)
99.	TB Lymphnode-FNAC
100.	Pleural fluid, positive for malignant cells (adeno ca)
101.	Viral Meningitis
102.	Pyogenic meningitis
103.	Acute nephritis
104.	Nephrotic syndrome
105.	Recurrent UTI/CRF
106.	Obstructive jaundice (Gall stones) (2)
107.	Hemolytic Jaundice
108.	Hepatic jaundice (hepatitis)
109.	Cirrhosis-liver
110.	Azoospermia
111.	Oligospermia
112.	Diabetes mellitus
113.	Diabetic Ketoacidosis
114.	Carcinoma-head of pancreas

Problem based learning for II MBBS

List of Histopathology slides for discussion

Sl.No	**Names of Slides**
115.	Multinodular goiter
116.	Hashimoto's Thyroidits
117.	TB Intestine
118.	Adenocarcinoma Colon
119.	Fatty Liver
120.	Cirrhosis Liver
121.	Chronic Pyelonephritis
122.	Renal Cell Carcinoma
123.	Carcinoma penis
124.	Seminoma Testis
125.	Mucinous cystadenoma ovary
126.	Hydatidform mole
127.	Carcinoma-Breast
128.	Proliferative endometrium
129.	Secretory endometrium
130.	CGH-Endometrium
131.	Leiomyoma
132.	Osteosarcoma
133.	Gaint cell tumor bone
134.	Lipoma
135.	Acute appendicitis
136.	Lobar Pneumonia
137.	Granulation tissue
138.	TB-Lymph node

139.	CVC-Lung
140.	CVC-Liver
141.	Rhinoscleroma
142.	Actinomycosis
143.	Squamous papilloma
144.	Fibroadenoma-Breast
145.	Plemorphic adenoma
146.	Capillary hemangioma
147.	Cavernous hemangioma
148.	Neurofibroma
149.	Squamous Cell Carcinoma
150.	Basal Cell Carcinoma
151.	Melanoma
152.	Adenocarcinoma colon
153.	Monckeberg's calcification
154.	Atherosclerosis
155.	Osteochondroma
156.	Chronic Glomerulonephritis
157.	Leprosy-Borderline
158.	CVC-Spleen
159.	Rhinosporidiosis
160.	Teratoma
161.	Myocardial infarction
162.	Metastases to lymphnode-papillary carcinoma thyroid
163.	Carcinoma stomach

Problem based learning for II MBBS

List of Hematology slides for discussion

Sl.No	Name of Hematology slides
164.	Acute lymphoid leukemia (ALL)
165.	Acute Myeloid Leukemia (AML)
166.	Chronic Lymphoid Leukemia (CLL)
167.	Chronic Myeloid Leukemia (CML)
168.	Dimorphic anemia
169.	Hypochromic Microcytic Anemia
170.	Eosinophilia
171.	Neutrophilia

Problem based learning for II MBBS

List of Instruments

Sl.No	Names of Instrument
172.	Lumbar puncture needle
173.	Vim silvermann's liver biopsy needle
174.	Bone marrow aspiration needle (Salah)

175.	Wintrobes tube with stand (for ESR & PCV estimation)
176.	Westergren's ESR tube & stand
177.	Urinometer
178.	RBC pipette
179.	WBC pipette
180.	Sahlis Haemoglobino meter (Sahlis tube & pipette)
181.	Albumino meter
182.	Neubauers counting chamber

MICROBIOLOGY

183. CASE 1

A 25 year old woman has a papular rash on her trunk, arms, and palms. She says the rash does not itch. Vaginal examination reveals two flat, moist, slightly raised lesions on the labia. Material from a labial lesion examined in a darkfield microscope revealed spirocheates.

Diagnosis: secondary syphilis caused by treponema pallidum. The rash on the palms coupled with the vaginal lesions (condylomata lata) is compatible with secondary syphilis.

184. Case 2

A 70 year old man was admitted to the hospital after suffering extensive third – degree burns. Three days later, he spiked a fever, and there was pus on the dressing that had a blue – green color. Gram stain of the pus revealed gram – negative rods.

Diagnosis: wound (burn) infection caused by Pseudomonas aeruginosa. The blue – green color is caused by pyocyanin, a pigment produced by the organism.

185. Clinical case 3

A 35 year old man is seen in the emergency room complaining of severe headache and vomiting that began last night. His temperature is 40^0CWhile in the emergency room, he is increasingly combative and has a grand mal seizure. He is foaming at the mouth and cannot drink any liquids. Spinal fluid analysis reveals no abnormality and no organisms are seen in grams stain. Two days later, despite supportive measures, he died.

Pathological examination of the brain revealed eosinophilic inclusion bodies in the cytoplasm of the neurons.

Diagnosis : Rabies (an encephalitis) caused by Rabies virus. The inclusions are negri bodies. The diagnosis can also be confirmed by fluorescent antibody assays. The patient was a farm worker and was bitten by a jackal one month before the onset of symptoms.

People bitten by any wild animal should receive rabies immunisation consisting of both active and passive immunisation.

COMMUNITY.MED

A. Simulation Problems:

186. A 3 year old child is brought to you with c/o cough. On examination you find no danger signs but the breathing is fast. What are the danger signs? How will you manage the case? What would you do if the child was 10 month old?

187. An adult patient gives history of cough & cold of more than 3 weeks duration. How will you diagnose the case & treat the patient? How will you treat the case if he had taken ATT and discontinued for two months?

188. 108 cases of malaria were detected by medical officer of Ittamadu PHC during the year 2005. The epidemiological investigation (fever surveillance) carried out by the Dept. of Community Medicine, RRMCH revealed the following information during the year 2005:

Population of Ittamadu PHC	: 30000
No. of smears examined	: 210
No. of cases	: 108
Species – Plasmodium falciparum	: 35
Mixed	: 11

Presumptive treatment was given to all patients from whom smear was taken. Radical treatment was given to 108 patients. Calculate different malaria indices and suggest measures of vector control.

189. Ramu aged about 15 years is brought to the district hospital with a h/o wolf bite on the right hand On examination it is a deep penetrating wound as a medical officer how will you manage this case?

170. One of the students in a school has developed eruptive fever give the differential diagnosis. Outline the management of the case with preventive & control measures?

171. A case of crush injury due to RTA is brought to OPD, how will you manage the case to prevent tetanus?

172. A 3 year old child is brought to you with c/o sore throat, difficulty in swallowing & low grade fever. On examination you find a grayish membrane over the pharynx which bleeds if attempted to remove. How will you manage the case? Mention the preventive and control measures to be taken

173. In a certified school no of case of scabies has been reported the age of the children in the school is b/w 8-15 year as a medical officer what action would you take in terms of Management & what are the steps you will take to prevent the further occurrence of scabies in the school?

174. A mother presents to you with her 3 year old child that he is not gaining weight. The child's weight is 10 kgs. The birth weight of the child was 3 kgs. How will you manage the case?

175. As a Medical Officer of PHC what would you do if you come across vitamin A deficiency among the members of a family?

176. Seminars/ Workshops/ Group activities related to important Public Health issues *viz* Environment, HIV/AIDs, Anti-tobacco initiatives, Disaster Management

GEN. MEDICINE

175. Clinical approach to comatose patient
176. Clinical approach to a patient with chest pain.
177. Clinical approach to a patient with head ache.
178. Clinical approach to a patient with bleeding diathesis.
179. Clinical approach to a patient with Jaundice.

TB & CHEST

180. Manifestation of pulmonary disease in Adults with congenital Heart disease.
181. Prognostic value of Bronchiectasis in patients with moderate to severe chronic obstructive pulmonary disease.

SKIN & VD

182. Skin Infections (Bacterial, Viral and Fungal).
183. Papulosquamous Disorders like Psoriasis , Lichen Planus etc.,

PSYCHIATRY

184. -194. During internship, case vignets were given to students to discuss diagnosis, differential diagnosis, psychological factors, physiological aspects and the management in an integrated fastion. During theory classes alternate classes were used do prolam based learning and also solving multiple choice questions.

ORTHOPAEDIC

195. Osteomyelitis
196. Polytrauma

197. Open Fractures
198. Osteoporosis
199. Rickets and
200. Ostomalacia

OPHTHALMOLOGY

201.-204. Students have been identified and counselors have been allotted

E.N.T.-

SL.NO	DATE	TOPICS
205.	10-9-12	A CASE OF NECK SWELLING PT NAME-MAHESH
206.	19-12-12	A CASE OF OCCULT PRIMARY PT NAME-LAKHMAMMA

SL NO	DATE	CASE PRESENTATION
207.	11-01-2013	NASAL VESTIBULITIS
208.	15-02-2013	OTITIS EXTERNA
209.	22-03-2013	ALLERGIC RHINITIS
210.	06-04-2013	ACUTE EXACERBATION OF CHRONIC TONSILLITIS

RADIOLOGY

211. IV contrast reaction
212. Delay in transit time of oral contrast

ANAESTHESIOLOGY

213. COPD
214. Pleural effusion
215. IHD
216. M.S
217. Obesity
218. Geriatrics
219. Pediatrics – cleft lip & Palate
220. Hydrocephalus
221. Liver
222. CKD
223. Diabetic foot

OBGY & GYNAEC.

224. Prolapse uterus
225. PIH
226. PID / WDPV
227. Recurrent Pregnancy Loss /GDM
228. CPD
229. BOH
230. Dummy Pelvis
231. Fetal Monitoring
232. Operative gynaecology
233. Postmenopausal Bleeding
234. Fibroid uterus
235. Rh incompatibility
236. Anemia in Pregnancy
237. Vaginal birth after caesarean
238. Radiotherapy and Chemotherapy in Pregnany
239. Teletherapy
240. Low back ache
241. Preterm Labour
242. Cardiac disorders in pregnany
243. Asthma in preg
244. Gestational Trophoblastic neoplasia
245. Ectopic Pregnancy
246. Choriocarcinoma
247. Ovarian tumours
248. Cancer cervix
249. Cancer Endometrium
250. Cancer Vulva
251. Cancer Vagina
252. Endometriosis
253. Adenomyosis
254. Infertility

PAEDIATRICS

255. CHD with brain abscess case discussed and managed.
256. Dengue fever cases discussed and managed on a regular basis.

Fact Data Sheet-19. List of journals subscribed

ANATOMY

National

1. Anatomical society of India
2. Anatomica Karnatak
3. Indian Journal of Human Genetics

Intenational

4. Journal of Genetics
5. Annals of Anatomy

PHYSIOLOGY

National

6. Indian Journal of physiology and pharmacology.
7. Indian journal of Biochemistry and Biophysics.
8. Biomedicine
9. Indian Journal of Medical Research.
10. Indian Journal of Nutrition and Dietetics.

International

11. Journal of Applied physiology.
12. Annual review of physiology.
13. Physiological Review.
14. Metabolism.

BIOCHEMISTRY

Category	Sr. No.	Name of the Journal
National	15.	Indian Journal of Nutrition and Dietetics
	16.	Biomedicine
	17.	Indian Journal of Biochemistry and Biophysics
	18.	Indian Journal of Clinical Biochemistry
International	19.	Metabolism

PHARMACOLOGY

20. International – Annual review of Pharmacology and Toxicology
21. International – Clinical Pharmacology and Therapeutics

22. International – Trends in Pharmacological Sciences

23. National – Indian Journal of Pharmacology

24. National – Indian Drugs

25. National – Indian Journal of Pharmaceutical Sciences

26. National –Indian Journal of Physiology and Pharmacology

PATHOLOGY

Sl.No	National /International	Name of the Journal
27.	International	Acta Cytologica
28.	International	Archives of Pathology and Laboratory Medicine
29.	National	Indian Journal of Pathology and Microbiology
30.	National	Indian Journal of Cancer
31.	National	Asian Journal of Transfusion Science
32.	National	Indian Journal of Cytology
33.	National	Indian Journal of Hematology and Blood Transfusion
34.	International	The American journal of forensic medicine and Pathology

MICROBIOLOGY

Sl. No.	NAME OF JOURNALS
35.	Indian Journal of Human Genetics
36.	Indian Journal of Medical Microbiology
37.	IJMR
38.	IJPM
39.	Indian Journal of Medical Ethics
40.	JIMA
41.	Indian Pediatrics
42.	The Indian Journal of Pediatrics
43.	Indian Journal of Tuberculosis
44.	JAPI Physicians of India JC – 2009, 2010
45.	Indian Journal of Public Health 2010
46.	Journal of Neonatology
47.	Indian Journal of Dermatology, Venerology and Leprology
48.	Indian Journal of Leprosy
49.	Journal of Communicable diseases
50.	Indian Journal of Allergy Asthma and Immunology

Sl. No.	NAME OF JOURNALS
51.	JCM
52.	Infectious diseases Clinics of North America
53.	NEJM
54.	Journal of Infectious diseases
55.	Annual Review of Microbiology – 2010

56.	Journal of Genetics
57.	Archives of Path & Lab Medicine
58.	Leprosy Review
59.	American Journal of public health

COMMUNITY.MED

60. Indian Journal of Community Medicine
61. Indian Journal of Occupation Health & Environmental Medicine
62. Karnataka Journal of Community Health
63. Weekly Epidemiological Reports
64. WHO BULLETINS
65. Journal of Indian Medical Association

Community Medicine: E- JOURNALS:

66.	Current opinion in organ transplantation	Community medicine
67.	American journal of Preventive Medicine	Community medicine
68.	Disease Management and Health Out comes	Community medicine
69.	Disease-a- Month	Community medicine
70.	Evidence –based Healthcare and Public Health	Community medicine
71.	Evidence –based Healthcare. A Scientific Approach to Health Policy	Community medicine
72.	Family practice Management	Community medicine
73.	Ferri :Ferris Clinical Advisor 2011	Community medicine
74.	Ferri :Ferris Clinical Advisor 2012	Community medicine
75.	Health policy	Community medicine
76.	Healthcare Management Review	Community medicine
77.	JONA'S Healthcare Law ,ethics& Regulation	Community medicine
78.	Journal of Adolescent health	Community medicine
79.	Journal of Epidemiology & Community Health	Community medicine
80.	Journal of Men's Health	Community medicine

81.	The journal of Men's Health &Gender	Community medicine
82.	Tobacco Control	Community medicine
83.	Occupational and Environmental medicine	Community medicine

Central Library Journals:

S.NO	Dept			
			84.	Indian Journal of Community Medicine
1	Community medicine	Indian	85.	The Indian Journal of Environmental Health
			86.	Indian Journal of Occupational & Environmental Medicine
			87.	Indian Journal of Preventive and Social Medicine
			88.	Indian Journal of Public Health
		Foreign	89.	American Journals of Public Health
			90.	Achieves of Internal Medicine

GEN. MEDICINE

International:

91. New England Journal of Medicine.
92. LANCET
93. Post Graduate Medicine

National:

94. JAPI
95. Journal of Medical Sciences RRMCH
96. IJCP

TB & CHEST

Sl no.	Journal Category	Name of the journal	Periodicity	Volume No	Issue Nos	Period
97.	Nat.	Indian journal of tuberculosis.	Quarterly.	60	2	April

98.	Intl.	American Journal of Respiratory & Critical care Medicine.	Forthnightly.	187	-	

SKIN & VD

List of Print Journals

National	99.	Indian Journal of Dermatology, Venerology and Leprology
	100.	Indian Journal of Leprosy
	101.	Indian Journal of Dermatology
International	102.	Leprosy Review
	103.	Archives of Dermatology

List of E-Journals & E-Resources

Sr. No.	Title	Publisher	Resource Type
104.	AIDS	Lippincott Williams & Wilkins	E-journals
105.	American journal of dermatopathology	Lippincott Williams & Wilkins	E-journals
106.	Sexually Transmitted Diseases	Lippincott Williams & Wilkins	E-journals
107.	Sexually Transmitted Infections	British Medical Journal	E-journals
108.	Surgical Laparoscopy, Endoscopy & Percutaneous Techniques	Lippincott Williams & Wilkins	E-journals
109.	Journal of the American Academy of Dermatology (search this journal)		E-journals
110.	Dermatologic Clinics (search this clinic)		Clinics
111.	Habif: Clinical Dermatology, 5th ed. - 2009 - Mosby, An Imprint of Elsevier		E-Book
112.	Dermatology and Dermatologic Surgery		Year Books

PSYCHIATRY

113. Indian journal of Paychiatry
114. Indian journal of psychological medicine
115. Journal of clinical psychiatry

116. British journal of psychiatry

117. Indian journal of neurology

SURGERY

118. India Journal of Surgery

119. British journal of Surgery

120. Indian Journal of Gastroenterology

121. Journal of Minimum access surgery

122. Indian journal of Urology

ORTHOPAEDIC

123. Orthopaedics Clinics of North America

124. Clinical Orthopaedics and related Research

125. Indian Journal of Orthopaedics

OPHTHALMOLOGY

Dept. of Ophthalmology
List of National & International Journals for the year-2012

Dept.		Sl.No	Name of the journal
Ophthalmology	National	126. 127.	Indian Journal of Ophthalmology Journal of Current Glaucoma Practice by lingam Vijaya(official publication of Sankara Nethralaya) World Journal of Retina & Vitreous by Lingam Gopal
	International	128. 129.	British Journal of Ophthalmology Journal of Cataract Refractive Surgery

List of journals to be procured-4

Sl. No	Title	Publisher
130.	American Journal of Ophthalmology	Elsevier Science
131.	Contact Lens and anterior Eye	Elsevier Science
132.	Cornea	Lippincott Williams & Wilkins
133.	Journal of Neuro-Ophthalmology	Lippincott Williams & Wilkins

E.N.T

Otorhinolaryngology - journal list

Total journals: 41

134. Acta oto-laryngologica monthly 0001-6489 england
135. Acta otorhinolaryngologica italica bimonthly 0392-100x italy
136. American journal of audiology semiannual 1059-0889 usa
137. American journal of Otolaryngology
Bimonthly 0196-0709 usa
138. American journal of rhinology & Allergy
Bimonthly 1945-8924 usa
139. Annals of otology rhinology and Laryngology
Monthly 0003-4894 usa
140. Archives of otolaryngology-head & Neck surgery
Monthly 0886-4470 usa
141. Audiology and neuro-otology bimonthly 1420-3030 switzerland
142. Auris nasus larynx quarterly 0385-8146 england
143. B-ent quarterly 0001-6497 belgium
144. Clinical and experimental Otorhinolaryngology
Quarterly 1976-8710 south korea
145. Clinical otolaryngology bimonthly 1749-4478 usa
146. Current opinion in Otolaryngology & head and neck Surgery
Bimonthly 1068-9508 usa
147. Dysphagia quarterly 0179-051x usa
148. Ear and hearing bimonthly 0196-0202 usa
149. Ent-ear nose & throat journal monthly 0145-5613 usa
150. European archives of oto-rhinolaryngology
Monthly 0937-4477 usa
151. Folia phoniatrica et logopaedica bimonthly 1021-7762 switzerland
152. Head and neck-journal for the Sciences and specialties of the head And neck
Monthly 1043-3074 usa
153. Hearing research monthly 0378-5955 netherlands
154. Hno monthly 0017-6192 usa
155. Indian journal of otolaryngology And head & neck surgery
Quarterly 0019-5421 usa
156. International journal ofAudiology

Monthly 1499-2027 england

157. International journal of pediatric Otorhinolaryngology
Monthly 0165-5876 ireland

158. Jaro-journal of the association For research in otolaryngology
Quarterly 1525-3961 usa

159. Journal of international Advanced otology
Tri-annual 1308- 7649 turkey

160. Journal of laryngology and Otology
Monthly 0022-2151 england

161. Journal of otolaryngology-head & Neck surgery
Bimonthly 1916-0216 canada

162. Journal of the american academy Of audiology
Monthly 1050-0545 usa

163. Journal of vestibular researchequilibrium & orientation
Bimonthly 0957-4271 netherlands

164. Journal of voice quarterly 0892-1997 usa

165. Laryngo-rhino-otologie monthly 0935-8943 germany

166. Laryngoscope monthly 0023-852x usa

167. Logopedics phoniatrics vocology quarterly 1401-5439 usa

168. Orl-journal for oto-rhinolaryngology And its related Specialties
Bimonthly 0301-1569 switzerland

169. Otolaryngologic clinics of north America
Quarterly 0030-6665 u sa

170. Otolaryngology-head and neck Surgery
Monthly 0194-5998 england

171. Otology & neurotology bimonthly 1531-7129 usa

172. Rhinology quarterly 0300-0729 netherlands

173. Skull base-an interdisciplinary Approach
Bimonthly 1531-5010 usa

174. Sprache-stimme-gehor quarterly 0342-0477 germany 20

RADIOLOGY

175. IJR

176. Seminars in radiology

177. Radiological clinics of north America
178. Jou of ultrasound Donald.

ANAESTHESIOLOGY

179. Indian Journal of anaesthesiology
180. journal of anaesthesiology and Clinical Pharmacology
181. British Journal anaesthesiology
182. Canadian Journal anaesthesiology
183. Anaesthesia
184. Anaesthesia and Analgesia

OBGY & GYNAEC.

	Journals	Total	OBG
185.	Indian	67	3
186.	Foreign	56	3

Nephrology

187. Approach to Hyponatremia-clinical cases
188. Acid base disorders-A Practical approach
189. Hypokalemia and Hyperkalemia
190. Concepts of Water metabolism and hypernatremia
191. Diuretics-physicians perspective
192. Urinalysis-Poor men's kidney biopsy
193. Hypertension-Essential and Renovascular
194. Hypertension-Newer verses old drugs
195. Diabetic Nephropathy-A silent killer
196. Management of CKD-Action plan for Indians
197. Approach to AKI-Diagnosis and management
198. Renal replacement therapy-Over view
199. Kidney stones-Physicians perspective
200. Rapidly progressive glomerulonephritis- A Nephrological emergency
201. Nephrotic syndrome-clinical approach
202. Pregnancy and renal failure-an enigma
203. Tropical infections and Kidney
204. Pigment and contrast Nephropathy

PAEDIATRICS

205. Dr.Prema subscribed Indian Pediatrics, Indian Journal Pediatrics, and Pedison.
206. Dr. Tamil Selvan---IAP, BPS, NNF.
207. Dr.Nirmala – Indian pediatrics and Pediatrics infectious discuses
208. Dr.Rajnish,Asso.Prof-- Indian Pediatrics.
209. Dr.Karthik--a) Indian Journal of practical Pediatrics, Indian Pediatrics,Indian journal of pediatrics, journal of bangalore pediatric society, Karnataka Pediatric Journal.
210. Dr.Sangeeta,SR-- Indian Pediatrics
211. Dr.Sahana,Asst.Prof-- Indian journal of pediatrics, indian journal of practical pediatrics, pediatric infectious diseases jounal.
212. Dr.Sunil.B-- Journal of Neonatalogy, Indian Pediatrics.

Fact Data Sheet-20. Distinguished achievements

ANATOMY

Dr. GK Ramachandrappa

1. National president – IMA – New Delhi
2. Chairman – Medical education committee, national education committee New Delhi
3. Chairman – subjects committee – IMA
4. Chairman – National disaster management committee of IMA
5. Patron - IMA, Karnataka state branch
6. Patron – Medicon – 2011, National conference of Indian Medicine Association
7. Patron – Karnataka state IMA Conferences
8. President all India Medical education committee.

Dr. Balakrishna

9. Been Trained In Electron Microscopic Techniques, Neurosciences Techniques, Karyotyping, Plastination And Anthropometric Techniques.
10. Has Delivered Memorial Oration at KMC Golden Jubilee CME On Neuroanatomy-Basal Plate Of Rhombencephalon , August -2010
11. Chairperson at CMEHeld In KIMS, Bengaluru

PHYSIOLOGY

12. certificate of merit and honor by Justice Hidayutulla Vice president of India, for exemplary service in ambulance association (1982) – Dr. Ranganath M D

BIOCHEMISTRY

Dr H.V.Shetty, Professor & HOD, Biochemistry:

13. NABL Assessor
14. Syllabus setter for MD Biochemistry for RGUHS, Bangalore
15. Syllabus setter for MSc Biochemistry for RGUHS, Bangalore
16. Appointed as Inspector to start PhD Biochemistry by RGUHS at Father Muller Medical College , Mangalore
17. **Dr Shashikala Manjunatha; Prof & HOD, Dr Srividya V, Assoc Prof, Dept of Community Medicine:** Visited Health Protection Agency, Birmingham, United Kingdom, as part of faculty exchange program in the field of Emergency/Disaster Preparedness and Response & Surveillance systems as part of Global Health Fund during July –August 2011

GEN. MEDICINE

18. Certificate course in diabetology by M.V.Hospital for Diabetes (Chennai) – recognized by WHO

    Dr.Krishna.M.V

    Dr.Vijay.M.B

    Dr.Byrareddy

    Dr.Anilkumar.H

19. Online course on management of obesity – by American academy of Obesity

    Dr.Krishna.M.V

20. Participated in the Pilot project on the integrated approach to preservice training for care of common chronic diseases & conditions in Karnataka. Project implemented by RGUHS, Karnataka health promotion trust & St.Johns Medical College. Projected funded by WHO. – Dr.Krishna.M.V

ORTHOPAEDIC

21. Dr.Rajagopalan.N., Professor and HOD is a Visiting Professor, St. John's Research Institute, Bangalore and Visiting Professor, Tamil Nadu Dr. MGR Medical University, Chennai, INDIA.

    Dr.Rajagopalan.N., Professor and HOD is

    President, Computer Assisted Orthopedic Surgery- India

    Vice-President, Pondicherry Orthopedic Association

    Former President, Karnataka Orthopedic Association, 2009-2010

    Former Vice-President, Indian Orthopedic Association, 2002-2003

    Former President, National Association of Interlocking Surgeons, 2006-2007

    Former President, Bangalore Orthopedic Society, 2002-2003

OPHTHALMOLOGY

22. National society for prevention of blindness registered-INDIA year 2000

E.N.T.

23. Dr. Vishwas. K.V.

    Appreciation Award- 1st National Facial fellowship Conference, Bangalore.

    BACO Fellowship Awarded by ENT, U.K.

24. **Dr. Vishal Rao – went to America Pittsburg University.**

25. **Dr. Vishwas. K.V. _ Dun caster & Bassetlaw Hospital- NHS**

Trust, Facial Plastic Surgery Fellowship. 09-10-2011

26. **"RHINO FACIAL AESTHETIC SURGERY".**

27. Dr. Ullas Raghavan. U.K.

28. Rajarajeswari Medical College Auditorium with direct relay from RRMC Hospital.

29. **"RADIOLOGY IN ENT" BY NATIONAL FACULTY. 04-02-2012**

1. Dr. I.K. Indrajith.
2. Dr. Supreetha Arya.
3. Dr. Manoj Agarwal.
4. Dr. Sathish Jain.

Rajarajeswari Medical College Auditorium Bangalore Mysore Road.

ENLIGHTEN -2012

Training Programme for OT Staff & ENT, Head & Neck RRMCH.

Rajarajeswari Medical College in Lecturers Hall.

ANAESTHISIA STAFF.

1. Dr. Rangalakshmi Prof & HOD of Anaesthesia.
2. Dr. Shahajananda Prof of Anaesthesia.
3. Dr. Maya Assoc Prof.
4. Dr. Nischala Dixit Asst Prof.
5. Dr. Karthik.
6. Dr. Harsha.

ENT STAFF.

1. Dr. T.M.Nagaraj. Prof & HOD of ENT, Head & Neck
2. Dr. Srinivas. V. Prof. of ENT.
3. Dr. Praveen Kumar. Assoc Prof.
4. Dr. Vishwas. K.V. Asst Prof.
5. Dr. Prashanth. V. Senior Resident.
6. Dr. Ritesh. PG in ENT.

TRACHEOSTOMY CARE IN PREGNANCY. 04-04-2013

30. **Department of ENT, Head & Neck, and Department of Obstetrics & Gynecology.**

Department of OBG.

1. Dr. Nagarathnamma.R. Prof & HOD of OBG.
2. Dr. Rupa Kala. Prof of OBG.
3. Dr. Sai Lakshmi. Prof of OBG.

4. Dr. Chandana. Assoc Prof.

Department of ENT, Head & Neck.

1. Dr. T.M.Nagaraj. Prof & HOD of ENT, Head & Neck.
2. Dr. Praveen Kumar. Assoc Prof.
3. Dr. Vishwas. K.V. Asst Prof.
4. Dr. Prashanth. V. Asst Prof.
5. Dr. Roshna Moyin PG.
6. Dr. Shivanagouda Patil PG.
7. Ms. Savitha Audiologist.

25-05-2013.

SYMPOSIA ON SNORING AND OSA

Indian Association Of Surgeons For Sleep Apnoea [IASSA]

Guest Speakers from IASSA

8. Dr. Seemab Shaikh, **PUNE.**
9. Dr. Vijaya Krishnan P, **CHENNAI.**
10. Dr. Srinivas Kishore, **HYDERABAD.**
11. Dr. Vikas Agrawal, **MUMBAI.**
12. Dr. Vidya Sagar, **VIJAYAWADA.**
13. Dr. Neha Shah, **MUMBAI.**
14. Dr. Dhanraj. G.A. **BANGALORE.**

ANAESTHESIOLOGY

31. Recognized Post Graduate teacher and guide for MD Course to the Rajiv Gandhi University of Health Sciences, Bangalore and Karnataka, INDIA
32. Convener of examinations, MGR University, Chennai
33. Examiner, Question paper setter and Evaluator to Rajiv Gandhi University of Medical Sciences for MD (Anaesthesia)
34. Examiner to Delhi University for MD (Anaesthesia)
35. Member of the Indian society of Anaesthesia
36. EX. Member of Editorial Board, Indian Journal of Anaesthesia
37. Member of Research society of Anaesthesia and clinical pharmacology
38. Member, Indian trauma Anaesthesia and critical care society
39. Examiner to “Diplomate of National board of Examinations (Anaesthesiology)”, New Delhi

40. Established an outreach centre and a hospital with operation theatre Sponsored by St.John's Medical College and Hospital, Bangalore, in port Blair, Andaman Islands.
41. Visitor, university of Minnesota, Minneapolis, U.S.A
42. Member and subject Expert, Undergraduate (M.B.B.S) Curriculum Revision Committee 2007, Ministry of health and F.W. Govt. of India
43. Member and subject Expert, Advisory Board D.N.B (Diplomat of National board of Examinations), Delhi

OBGY & GYNAEC.

44. Several ongoing and completed projects
45. Fellowship in Gynaec oncology: GCRI,Ahmedabad:Dr.Nirmala.C

PAEDIATRICS

46. Dr.Adarsh E , Prof & HOD, Ped. --- Senate and syndicate member RGUHS 2003-2006. During this period he has inspected several medical colleges, nursing colleges, pharmacy colleges, Ayurvedic medical colleges and Physiotherapy colleges. Given permission by new colleges.
47. Dr.Adarsh E, Prof & HOD, Ped. – IGNIO teacher (Open University) and examiner for this university to various states.
48. Dr.Adarsh E, Prof & HOD, Ped. ---- PG & UG examiner for Karnataka, Maharashtra, Tamil nadu and Andhra Pradesh states, University of Health sciences at 1996.
49. Dr.Adarsh E , Prof & HOD, Ped.---- I Have been conducted several live programmes in MTV, Seven TV (local channel), TV9, and chandana regarding child health
50. Dr. Y. Sreekrishna is regular UG examiner for RGUHS, Bangalore and NTRHU, Vijayawada, AP.
51. Dr.Prema,Prof--a) Executive commitee member IAP BPS 2012 & 2013.
    b) Secretary IAP-- Adolescent academy bangalore branch 2013-2014.

Fact Data Sheet-21. Dissertation Topic

ANATOMY

Dr. Bharathi .D (PG) under the guidance of Dr. Ramachandrappa GK (Prof)

1. A nasal endoscopic study of anatomical variations of human nasal osteomeatal complex.

Dr. Supraja Srivatsava (PG) under the guidance of Dr. Sathyamurthy.B (Prof & HOD)

2. A study of palmar dermatoglyphics in typeII Diabetes mellitus in a tertiary care hospital.

Dr. Pavan Kumar Sisodia (PG) under the guidance of Dr. Balakrishna (Prof)

3. Study of gross anatomy and metrical analysis of coronary sinus in human heart.

PHYSIOLOGY

4. A comparative study of auditory and visual reaction time between normal and hypothyroid patients before and after treatment – Dr. Rekha K N
5. Correlation between High sensitivity C -Reactive protein with the degree of glycemic control in type 2 Diabetes mellitus patients -Dr. Gopi Kumar M S
6. A comparative study of glomerular filtration rate in normal subjects and type 2 diabetes mellitus patients in Bangalore – Dr.Neelkanth Kote.
7. A comparative study of short term memory assessment by visual tasks in yoga practitioners and normal subjects – Dr.Shilpa M
8. A comparative study of anemia with the degree of glycemic control in type 2 diabetes mellitus – Dr.Ujwala Jagdale.

BIOCHEMISTRY

Post graduates – 2012 -2015

9. Dr. V Mamatha

   A study of G6PD, zinc and HBAIC levels in type 2 diabetes mellitus patients at RRMC&M

10. Dr. Deepa.M

    Study of serum lipid prifil and liver enzymes in Ultrasound diagnosed cases of Non Alcoholic fatty liver disease (NAFLD)

Post graduates -2011 -2014

11. Dr. Reena. R

    Study of serum paroxonase & myeloperoxdase activities & malondialdehyde Levels in preeclampsia

12. Dr.Manjula .K.S

    Study of serum ferritn & Glycated hemoglobin levels in type II DM

PHARMACOLOGY

13. A comparative study of combination therapy of topical Isotretinoin plus topical Clindamycin versus topical Adapalene plus topical Clindamycin in the treatment of mild to moderate acne vulgaris of face in a tertiary care hospital, Bangalore.

    Dr. Jyotirmoy Adhikary, Dr Satyanarayana. V

14. A prospective study of Antimicrobial prophylaxis in lower segment cesarean section in a tertiary care hospital.

    Dr Naveen Poojar C M, Dr Basavaraj Bhandare

15. Prescription pattern of antihypertensive drugs in elderly patients in a tertiary care hospital.

    Dr.Poornima B, Dr A R Kalamdani.

PATHOLOGY

16. Spectrum of neoplastic and non neoplastic lesions in the fallopian tube in a tertiary care hospital. - Dr. Nikita Valerina Khairanna.
17. Etiopathological study of Anaemias in women of reproductive age group and in selected cases, hemoglobin electrophoresis, among patients in teaching hospital during the period 1/6/2011 to 31/12/2012- Dr. Mitika Srivastav.
18. Histopathological study of soft tissue tumors at Rajarajeshwari Medical College and Hospital- Dr. Amit Bharu.
19. Spectrum of benign breast disease in females of reproductive age group in Tertiary Care Hospital, Bangalore- Dr Ankur Gupta
20. Incidence of Hashimoto Thyroiditis in FNAC and Thyroidectomy specimens in correlation with T3, T4 & TSH in a tertiary care hospital – Dr. Paul M.F
21. Histomorphological study of Leprosy cases in Rajarajeshwari Medical College & Hospital – Dr. Jeena Johns
22. Clinico-Pathological study of patients undergoing Hysterectomy at Tertiary care hospital – Dr. Dhaval Prajapati.

MICROBIOLOGY

23. Comparative Lab diagnoses of Malaria by Leishman stain & Acridine orange stain of Peripheral blood smear & ICT. Funded by Institute.

24. Aerobic bacterial & fungal aetiology of chronic suppurative otitis media. Funded by Institute
25. Comparative detection of NS1 antigen by ELISA and Immunochromatography in clinically suspected cases of Dengue virus infection in a teaching Hospital. Funded by Institute
26. Detection of Carbepenamase and Metallo- beta lactamase in clinical isolates of Pseudomonas aeruginosa in a tertiary care centre. Funded by Institute.

FMT

27. Postmortem study of neck injuries in hanging cases at RRMC&H, Bangalore
28. A study of pattern of injuries produced by sharp weapon in homicidal deaths subjected for autopsy
29. An autopsy of head injury cases with special reference to intracranial hemorrhages
30. Means of identifying a dead individual – an autopsy based study done at RRMC&H
31. A study of homicidal asphyxia deaths autopsied at RRMC&H

COMMUNITY.MED

32. A Study of Socio-Demographic profile and utilization of Adolescent health clinic by Adolescents of Ramanagara Dist.
33. "A Study of Primary Immunization coverage among infants in rural areas using lot quality assurance sampling technique"
34. "A Study of the Morbidity profile of construction workers in Bangalore Urban District.
35. "A Study of Prevalence of Hypertension among bank employees of Bangalore Urban District.
36. "A Study of Knowledge and practice of menstrual Hygiene among adolescent school girls in rural and urban field practice area Rajarajeswari Medical College & Hospital.
37. "A study of Sputum smear conversion rate of Pulmonary Tuberculosis patents attending designated Microscopy and treatment centre in Bangalore Urban District.
38. A study of Clinico-Epidemiological factors for pregnancy induced hypertension among antenatal mothers: a hospital based study.

GEN. MEDICINE

FIRST BATCH-2011

39. Study of clinical and Echocardiograhic Profile in patients with chronics kidney disease.

PG Student Dr.Sourav Das

PG Guide Dr.Krishna.M.V

40. Study of prediction of requirement for ventilator support in OP compound Poisoning.

PG Student Dr.Udayshankar.H

PG Guide Dr.Vijay.M.B

SECOND BATCH 2012

Sl no.	PG Name	PG Guide	Topic
41.	Dr.Srikanth Reddy	Dr.M.V.Krishna	Study of CIMT and Atherosclerotic risk profile in Acute Ischemic stroke
42.	Dr.Suraj Das	Dr.M.V.Krishna	CIMT in relation to Atherosclerotic risk factors in patients with Prediabetes and Type 2 DM
43.	Dr.Neetiraj Singh	Dr.Vijay	Clinical and Biochemical Profile of lean Type 2 DM with BMI<18.5 kg m2
44.	Dr.R.Kathyayini	Dr.Vijay	Compatitive study of dyslipidaemia in Type II DM with and without associated hypothyroidism
45.	Dr.Tarapatla Sandeep	Dr.Chikkananjaiah	Study of Cardiorenal Syndrome in Heart Failure
46.	Dr.Arigala Ganesh	Dr.Ajith Kumar	Clinical and Laboratory Profile of Asymptomatic Bacteriuria in women with Type 2 DM
47.	Dr.Sandeep T	Dr.Ajith Kumar	A study of asymptomatic fatty liver disease's relation technical features, serum levels of C-reaction protein and other laboratory profile
48.	Dr.Abhishek.M	Dr.MamathaPatil	A one year cross sectional study of co-relation of clinical parameters with serum HSCRP as a predictior of severity of disease of COPD

SKIN & VD

49. Dr. Syeda Juwaria Tasneem

A clinical study of dermatological conditions along Blaschoc's line.

50. Dr. Megha. C.

A clinical study of Acrofacial Hypopigmentation.

51. Dr. Amritha Subramaniam

Evaluation of effect of Valciclovir on pain in Herpes Zoster with respect to time of initiation of treatment.

PSYCHIATRY

52. Dr Vidyavati :Psychological distress and psychiatric morbidity in women before and after hysterectomy a study done in a tertiary care hospital
53. Dr Akshy : Anxiety and depression in patients with chronic tention type head ache
54. Dr Girish : Burden of illness on the caregivers of intensive care unit.

SURGERY

52. Dr.Yasaswini - Clinico Pathological study and management of solitary Thyroidnodule
53. Dr. Sidharth - Clinico Pathological study and management of Benign breast diseases
54. Dr. Mukesh - Clinico Pathological study and management of Cholelithiasis
55. Hollow viscus perforation
56. Management of Anal Fissure
57. Lateral sphincterotomy under local anaesthesia

ORTHOPAEDIC

58. Management of long bone fractures in children with Flexible Intramedullary Nailing.
59. Evaluation of Arthroscopic Debridement of Knee in Osteoarthritis of the Knee.

OPHTHALMOLOGY

52. **Dr. Vishma Prabhu**

    Topic: Comparative Evaluation of incidence of posterior capsular opacification with square edged and round edged polymethlymetarycate intra-ocular lens in small incision cataract surgery

53. **Dr. Naren Shetty**

    Topic: Correlating between visual acuity in a diffuse retinal thickening (DRT)&other types of diabetic macular edema by optical coherence tomography(OCT) scan in type 2 diabetic patients

54. **Dr. MANISHA WAHAB**

    Topic: A Comparative study of post operative astigmatism with straight and frown corneoscleral tunnel in small incision cataract surgery

55. **Dr. M Chenchi Reddy**

    Topic: A Comparative study of fibrin glue, and suture less/glue free limbal conjunctival auto graft for primary pterygeum surgery

56. **Dr. Gaurav**

Topic: "study of corneal injury in a tertiary care hospital"

E.N.T.

57. Comparative study of endoscopic Myringoplasty with conventional Myringoplasty

Dr Srinivas (Prof ENT)

Dr Roshna Moyin (pg)

58. Benign lesions of Pinna, A clinical study

Dr. T M Nagaraj (HOD)

Dr, Shivanagouda Patil

RADIOLOGY

59. Hysterosonosalpingography and Hysterosalpingography in diagnosis of Tubal patency in Infertility patients.
60. Spleen/Kidney ratio in the assessment of mild Splenomegaly.
61. A study of combination of Mammography and Sono-mammography in evaluating palpable breat masses
62. Role of high frequency ultrasonography in the correlative study of thyroid diseases with histopathology report.
63. Role of MRI as a diagnostic tool in evaluating internal derangements of Knee compared to arthroscopy.

ANAESTHESIOLOGY

64. Efficacy of continuous Infraclavicular Brachial Plexns BWCK in post – operative Pain Management after upper extremity orthopedic surgery.
65. Attenuation of Haemodynamic Response Intubation by Dexmeditomidine in Patients undergoing Laparoscopic Surgeries: with colinidine.
66. A comparative study of respiratory mechanism and haemodynamic stability in patient undergoing lap surgery LMA 1 gel.
67. Assessment of depth of anaesthesia and awareness in General anaesthesia using PRST and BIS Monitoring.
68. Comparative study of case of LMA insertion using sevoflurane and Dexmedetomidine versus Sevoflurane and fentanyl at RRMC B'lore.

OBGY & GYNAEC.

69. To study the accuracy of pap smear, VIA, VILLI in detecting pre- cancerous lesions of cervix in RajaRajeswari Medical College & Hospital , Banglore. **(Principal Investigator : Dr.Sirisha; Guide: Dr.Nagarathnamma)**
70. Role of Diagnostic hysterolaparoscopy in primary infertility **(Principal Investigator: Dr.Uma Rani; Guide: Dr.Sailakshmi).**
71. Role of Isoxsuprine vs Nifedipine as tocolytic drugs in prevention of preterm labour**" (Principal Investigator: Dr.Rooplata Raichurkar; Guide: Dr.Nagarathnamma)**
72. Assessment of Cervical Funneling and short cervix in pregnant women with threatened preterm labour and outcome **(Principal Investigator: Dr. Sreehari Arun kumar; Guide: Dr.Sailakshmi)**
73. A prospective study of umbilical cord coiling index as a marker of perinatal outcome at Rarajarajeshwari Medical College" **(Principal Investigator: Dr.Amita ; Guide: Dr. Rupakala BM)**
74. Foetal safety and the duration of first stage of labour with a single dose of i.v. injection Hyoscine butylbromide versus i.v. injection Drotaverine hydrochloride in Rajarajeshwari Medical college and Hospital **(Principal Investigator: Dr.B Sindhura ;Guide: Dr. Suhasini)**

PAEDIATRICS

75. Dr. Y. Sreekrishna—Congenital malformations in the newborn, conducted in KMC Mangalore, while doing PG studies.
76. Dr. Prema.R. ---Clinical, ECHO correlation of congenital heart disease.
77. Dr. Sahaya Nirmala –dissertation topic –bio-chemal and clinical manifestation of neonatal seizures
78. Dr.Purushotham D.R-study of oral GTT in over white and obese children between 5to15 yrs of age
79. Dr.Rajnish,Asso.Prof-- Fetal ECHO Study Outcome.
80. Dr.Pawan Kumar,SR-- Iron Deficiency Anemia as a cause of febrile seizures.
81. Dr.Karthik,Asso.Prof-- Screening test for neonatal sepsis.
82. Dr.Pratibha,SR-- A randamosied control trial on neurodevelopmental outcome of newborn babies on kangaroo mother care Vs Conventional mother care.
83. Dr.Sangeeta,SR-- Thesis topic- severe maternal anemia & neonatal outcome
84. Dr.Sahana,Asst Prof-- Clinical profile

85. Dr.Sunil.B,Asso.Prof--a) Knowledge and attitude about HIV/AIDS in rural & urban high school Screening of Retinopathy of prematurity & its risk factors analysis at tertiary care NICU.

Fact Data Sheet-22. Tutorials

ANATOMY

4/10/12 to 6/10/12

1. Cells of connective tissue
2. Clavipectoral fascia
3. Spermatogenesis
4. Brachial plexus
5. Pectoralis major

11/10/12 to 13/10/12

6. Structures undercover of deltoid
7. Elastic cartilage
8. Fertilization
9. Radius and ulna
10. Cubital fossa
11. Superficial & deep palmar arch

18/10/2012 to 20/10/12

11. Femoral triangle
12. Adductor canal
13. T.S of Bone
14. Implantation
15. Obturator nerve

25/10//2012 to 27/10/12

16. Histology of lymph node
17. Ligaments of Hip joint
18. Structures undercover of Deltoid
19. Blastocyst
20. Hamstrings

8/11/2012 to 10/11/12

21. Popliteal fossa
22. Histology of thick skin
23. Primitive streak
24. Anterior comportment of leg

25. II layer of sole

22/11/12 to 24/11/12

26. Histology of salivary glands
27. Lumbricals
28. Medial longitudinal arch of foot
29. Development of notochord
30. Fibula

6/12/12 to 8/12/12

31. Superior mediatinum
32. Sternum
33. Derivatives of germ layers
34. Histology of ganglion
35. Typical intercostals space

17/1/2013- 19/1/2013

36. Factors responsible for descent of Testis
37. Interatrial septum
38. Interventricular septum
39. Lesser omentum
40. Greater omentum
41. Epiploic foramen
42. Pouch of Douglas
43. Ligaments of spleen
44. Histology of Ileum

31/1/13 - 2/2/13

45. Arteries of gut & marginal artery of Drummond
46. Lymphatic drainage of stomach
47. Relations of visceral & diaphragmatic surfaces of spleen
48. Blood supply of stomach
49. Stomach bed
50. Meckel's diverticulum & position of appendix
51. General features of large intestine & differences between small & large intestine
52. Hepatic lobule, Portal lobule & Portal acinus

53. Derivatives of midgut & rotation
54. Mesentery

7/2/13- 9/2/13

55. Development of Arterial arches
56. Histology of endocrine part of pancreas
57. Bare area of liver
58. Anteriore & posterior relations of Caecum
59. Extrahepatic biliary apparatus
60. Portocaval anastomosis
61. Caecal recesses, orifice & types of caecum
62. Axis artery of upper & lower limb
63. Formation of portal vein & tributaries
64. Histology of exocrine part of pancreas

14/2/13- 16/2/13

65. Arterial supply of I part of duodenum & its relations
66. Describe different parts of duodenum & development
67. Different parts of pancreas & relations of head & neck of pancreas
68. Surfaces & borders of body of pancreas & relations
69. Posterior relations of kidney
70. Capsule of kidney
71. IV part of duodenum & it's relations
72. III part of duodenum & it's relations
73. II part of duodenum, relations & its interior
74. Tail of pancreas & development of pancreas

7/3/13-9/3/13

75. Pelvic part of left ureter in females
76. Histology of suprarenal gland
77. Derivatives of mesonephric duct
78. Ovarian fossa
79. Perineal body
80. Superficial perineal pouch
81. Trigone of bladder
82. Capsules & Lobes of prostate

83. Anterior relations of sacrum

84. Interior of anal canal

PHYSIOLOGY

List of tutorials

2010 – 2011 Batch

SI. No.	Date	TOPIC
85.	Sept 2010	General Physiology, Blood
86.	Sept 2010	General Physiology, Blood
87.	Oct 2010	Blood, Nerve – Muscle Physiology
88.	Oct 2010	Nerve – Muscle Physiology
89.	Oct 2010	Renal Physiology
90.	Nov 2010	GIT
91.	Nov 2010	Respiratory Physiology
92.	Dec 2010	CVS
93.	Dec 2010	CVS
94.	March 2011	Renal Physiology, Endocrine Physiology
95.	March 2011	GIT, Nerve
96.	May 2011	GIT
97.	May 2011	Endocrine Physiology, Reproduction

2011 – 2012 Batch

SI.No.	Date	TOPIC
98.	Aug 2011	General Physiology
99.	Aug 2011	General Physiology, Blood
100.	Aug 2011	Nerve – Muscle Physiology
101.	Aug 2011	Blood, Nerve – Muscle Physiology

102.	October 2011	Nerve – Muscle Physiology, Blood
103.	October 2011	Blood
104.	December 2011	CVS, RS
105.	Feb 2012	GIT
106.	Feb 2012	Renal Physiology
107.	March 2012	CVS
108.	March 2012	Endocrine Physiology
109.	April 2012	Endocrine Physiology
110.	April 2012	CNS, CVS
111.	April 2012	Endocrine Physiology, Reproduction
112.	May 2012	Special senses

2012 – 2013 Batch

SI. No.	Date	TOPIC
113.	Aug 2012	General Physiology
114.	Sept 2012	General Physiology, Blood
115.	Oct 2012	Blood
116.	Nov 2012	CVS
117.	Dec 2012	CVS
118.	Jan 2013	Respiratory Physiology
119.	Jan / Feb 2013	GIT
120.	March 2013	Renal
121.	April 2013	Endocrine Physiology

122.	April 2013	Endocrine Physiology

BIOCHEMISTRY

	Date	Day	Topic	Teachers
123.	6/9/12	Thursday	Chemistry of Carbohydrates	All Teaching Staff
124.	7/9/12	Friday	Chemistry of Carbohydrates	All Teaching Staff
125.	8/9/12	Saturday	Chemistry of Carbohydrates	All Teaching Staff
126.	13/9/12	Thursday	Chemistry of Carbohydrates	All Teaching Staff
127.	14/9/12	Friday	Chemistry of Carbohydrates	All Teaching Staff
128.	15/9/12	Saturday	Chemistry of Carbohydrates	All Teaching Staff
129.	20/9/12	Thursday	Chemistry of Lipids	All Teaching Staff
130.	21/9/12	Friday	Chemistry of Lipids	All Teaching Staff
131.	22/9/12	Saturday	Chemistry of Lipids	All Teaching Staff
132.	27/9/12	Thursday	Chemistry of Nucleic Acids	All Teaching Staff
133.	28/9/12	Friday	Chemistry of Nucleic Acids	All Teaching Staff
134.	29/9/12	Saturday	Chemistry of Nucleic Acids	All Teaching Staff
135.	4/10/12	Thursday	Nucleic acid chemistry	All Teaching staff
136.	5/10/12	Friday	Nucleic acid chemistry	All Teaching staff
137.	6/10/12	Saturday	Nucleic acid chemistry	All Teaching staff
138.	11/10/12	Thursday	Protein chemistry	All Teaching staff
139.	12/10/12	Friday	Protein chemistry	All Teaching staff
140.	13/10/12	Saturday	Protein chemistry	All Teaching Staff
141.	18/10/12	Thursday	Thiamine,Riboflavin,Niacin,Pyridoxine,Biotin	All Teaching staff
142.	19/10/12	Friday	Thiamine,Riboflavin,Niacin,Pyridoxine,Biotin	All Teaching staff

143.	20/10/12	Saturday	Thiamine,Riboflavin,Niacin,Pyridoxine,Biotin	All Teaching Staff
144.	25/10/12	Thursday	Pantothenic acid,VitB_{12} , Folic acid,Vit. C	All Teaching staff
145.	27/10/12	Saturday	Pantothenic acid,VitB_{12} , Folic acid,Vit. C	All Teaching Staff
146.	29/11/12	Thursday	Enzymes	All Teaching Staff
147.	30/11/12	Friday	Enzymes	All Teaching Staff
148.	6/12/12	Thursday	Enzymes	All Teaching Staff
149.	7/12/12	Friday	Enzymes	All Teaching Staff
150.	8/12/12	Saturday	Enzymes	All Teaching Staff
151.	13/12/12	Thursday	Biological oxidation and oxidative phosphorylation	All Teaching Staff
152.	14/12/12	Friday	Biological oxidation and oxidative Phosphorylation	All Teaching Staff
153.	15/12/12	Saturday	Biological oxidation and oxidative Phosphorylation	All Teaching Staff
154.	20/12/12	Thursday	Carbohydrate Metabolism	All Teaching Staff
155.	21/11/12	Friday	Carbohydrate Metabolism	All Teaching Staff
156.	22/11/12	Saturday	Carbohydrate Metabolism	All Teaching Staff
157.	27/12/12	Thursday	Carbohydrate Metabolism	All Teaching Staff
158.	28/11/12	Friday	Carbohydrate Metabolism	All Teaching Staff
159.	29/11/12	Saturday	Carbohydrate Metabolism	All Teaching Staff
160.	3/1/2013	Thursda	Carbohydrate Metabolism	All Teaching
161.	4/1/2013	Friday	Carbohydrate Metabolism	All Teaching
162.	5/1/2013	Saturday	Carbohydrate Metabolism	All Teaching Staff
163.	10/1/2013	Thursday	Lipid Metabolism	All Teaching Staff
164.	11/1/2013	Friday	Lipid Metabolism	All Teaching Staff
165.	12/1/2013	Saturday	Lipid Metabolism	All Teaching Staff
166.	17/1/2013	Thursday	Carbohydrate Metabolism	All Teaching Staff
167.	18/1/2013	Friday	Carbohydrate Metabolism	All Teaching Staff

168.	19/1/2013	Saturday	Carbohydrate Metabolism	All Teaching Staff
169.	31/1/2013	Thursday	Lipid Metabolism	All Teaching Staff
170.	1/2/2013	Friday	Carbohydrate Metabolism	All Teaching Staff
171.	2/2/2013	Saturday	Carbohydrate Metabolism	All Teaching Staff
172.	7/2/2013	Thursday	Lipid Metabolism	All Teaching Staff
173.	8/2/2013	Friday	Lipid Metabolism	All Teaching Staff
174.	9/2/2013	Saturday	Lipid Metabolism	All Teaching Staff
175.	14/2/2013	Thursday	Lipid Metabolism	All Teaching Staff
176.	15/2/2013	Friday	Lipid Metabolism	All Teaching Staff
177.	16/2/2013	Saturday	Lipid Metabolism	All Teaching Staff
178.	21/2/2013	Thursday	Lipid Metabolism	All Teaching Staff
179.	22/2/2013	Friday	Lipid Metabolism	All Teaching Staff
180.	23/2/2013	Saturday	Lipid Metabolism	All Teaching Staff
181.	28/2/2013	Thursday	Protein Metabolism	All Teaching Staff
182.	1/03/2013	Friday	Protein Metabolism	All Teaching Staff
183.	2/03/2013	Saturday	Protein Metabolism	All Teaching Staff
184.	7/3/2013	Thursday	Protein Metabolism	All Teaching Staff
185.	8/3/2013	Friday	Protein Metabolism	All Teaching Staff
186.	9/3/2013	Saturday	Protein Metabolism	All Teaching Staff
187.	14/3/2013	Thursday	Nucleotide Metabolism	All Teaching Staff
188.	15/3/2013	Friday	Nucleotide Metabolism	All Teaching Staff
189.	16/3/2013	Saturday	Nucleotide Metabolism	All Teaching Staff
190.	21/3/2013	Thursday	Acid Base Balance	All Teaching Staff
191.	22/3/2013	Friday	Acid Base Balance	All Teaching Staff

192.	23/3/2013	Saturday	Acid Base Balance	All Teaching Staff
193.	28/3/2013	Thursday	Molecular Biology	All Teaching Staff
194.	30/3/2013	Saturday	Molecular Biology	All Teaching Staff

PHARMACOLOGY

CHAPTER: 1. GENERAL **PHARMACOLOGY**

195. Introduction, Routes of Drug Administration
196. Pharmacokinetics:
197. Pharmacodynamics
198. Rational drug therapy
199. New Drug Development
200. Adverse Drug Effects

CHAPTER: 2. AUTONOMIC NERVOUS SYSTEM

201. Introduction to ANS
202. Cholinergic System and Drugs
203. Anticholinergic Drugs
204. Adrenergic System and Drugs
205. Antiadrenergic Drugs

CHAPTER: 3. AUTOCOIDS

206. Histamine and Antihistaminics
207. 5-Hydroxytryptamine, its Antagonists and Drug Therapy of Migraine
208. Prostaglandins, Leukotrienes (Eicosanoids) and Platelet Activating Factor
209. Nonsteroidal Antiinflammatory Drugs and Antipyretic-Analgesics
210. Antirheumatoid and Antigout Drugs

CHAPTER: 4. RESPIRATORY SYSTEM

211. Drugs for Cough and Bronchial Asthma

CHAPTER: 5. HORMONES

212. Anterior Pituitary Hormones
213. Thyroid Hormone and Thyroid Inhibitors
214. Insulin, oral Hypoglycaemic drugs
215. Corticosteroids
216. Androgens and Drugs for Erectile Dysfunction

217. Estrogens, Progestins and Contraceptives
218. Oxytocin and Other Drugs Acting on Uterus
219. Drugs Affecting Calcium Balance

CHAPTER: 6. DRUGS ACTING ON PERIPHERAL (SOMATIC) NERVOUS SYSTEM

220. Skeletal Muscle Relaxants
221. Local Anaesthetics

CHAPTER: 7. CENTRAL NERVOUS SYSTEM DRUGS

222. Ethyl and Methyl Alcohols
223. Sedative-Hypnotics
224. Antiepileptic Drugs
225. Antiparkinsonian Drugs
226. Drugs Used in Mental Illness: Antipsychotic and Antimanic Drugs
227. Drugs Used in Mental lllness: Antidepressant and Antianxiety Drugs
228. Opioid Analgesics and Antagonists
229. CNS Stimulants and Cognition Enhancers

CHAPTER: 8.CARDIOVASCULAR DRUGS

230. Drugs Affecting Renin-Angiotensin Systemand Plasma Kinins
231. Cardiac Glycosides and Drugs for Heart Failure
232. AntiarrhythmicDrugs
233. Antianginal and Other Anti-ischaemic Drugs
234. Antihypertensive Drugs

CHAPTER: 9.DRUGS ACTING ON KIDNEY

235. Diuretics
236. Antidiuretics

CHAPTER: 10. DRUGS AFFECTING BLOOD AND BLOOD FORMATION

237. Haematinics and Erythropoietin
238. Drugs Affecting Coagulation" Bleeding and Thrombosis
239. Hypolipidaemic Drugs and Plasma Expanders

CHAPTER: 11. GASTROINTESTINAL DRUGS

240. Drugs for Peptic Ulcer
241. Drags for Emesis,R eflux and Digestive Disorders
242. Drugs for Constipation and Diarrhoea

CHAPTER: 12 ANTIMICROBIAL DRUGS

243. Antimicrobial Drugs: General Considerations
244. Sulfonamides, Cotrimoxazole and Quinolones
245. Beta-Lactam Antibiotics .
246. Tetracyclines and Chloramphenicol
247. Aminoglycoside Antibiotics
248. Macrolide, Lincosamide, Glycopeptide and Other Antibacterial Antibiotics;
249. Urinary Antiseptics
250. AntitubercularDrugs
251. Antileprotic Drugs
252. Antifungal Drugs
253. Antimalarial Drugs
254. Antiamoebic and Other Antiprotozoal Drugs
255. AnthelminticDrugs

CHAPTER: 13. CHEMOTHERAPY OF NEOPLASTIC DISEASES

256. Anticancer drugs

CHAPTER: 14. MISCELLANEOUS DRUGS

257. Immunosuppressants, Gene Therapy
258. Drugs Acting on Skin and Mucous Membranes
259. Antiseptics, Disinfectants and Ectoparasiticides
260. ChelatingAgents
261. Vaccines and Sera
262. Drug Interactions

PATHOLOGY

263. **Tutorials – 2013**

DATE	TIME	TOPIC
28/3/2013	2pm to 3pm	Cell Injury
2/5/2013	2pm-3pm	Reversible, Irreversible. Free radical & Ischemia perfusion injury
30/5/2013	2pm-3pm	Necrosis, Apoptosis
6/6/2013	2pm to 3pm	Cellular adaptations
20/6/2013	2pm to 3pm	Leprosy syphilis, Actinomycosis

264. **Tutorials – 2012**

DATE	TIME	TOPIC
5/4/2012	2pm to 3pm	B-Thalassemia (Tutorials)
12/4/2012	2pm to 3pm	Iron deficiency A
3/5/2012	2pm to 3pm	Semen analysis and Revision
2/7/2012	11am to 12pm	Chemical mediator in inflammation
17/7/2012	11am to 12pm	Radiation and viral oncogenesis, paraneoplastic syndromes, Diagnostic tools. (Revision)
17/9/2012	12pm to 1pm	RBC Disorders – Topic discussion
17/12/2012	11pm to 12pm	Seminar ocular pathology
24/12/2012	11am to 12pm	Introduction to CVS cardiac hypertrophy
26/12/2012	12pm to 1pm	Written test on Endocrine System

265. **Tutorials – 2011**

DATE	TIME	TOPIC
24/8/2011	11pm to 12pm	Introduction to Pathology
25/8/2011	2pm to 3pm	Inflammation : vascular events
8/9/2011	2pm to 3pm	Classification of Anemia. Introduction to IDA
15/9/2011	2pm to 3pm	Introduction to Hemolytic Anemia, Hereditary Spherocytosis.
22/9/2011	2pm to 3pm	Syphilis and leprosy
29/9/2011	2pm to 3pm	Healing of Fracture. Factors in influencing wound healing. Complications of wound healing.
13/10/2011	2pm to 3pm	Tutorials – CLL and Investigations of Acute Leukemia.
20/10/2011	2pm to 3pm	Tutorials inflammation & repair
3/11/2011	2pm to 3pm	Revision
10/11/2011	2pm to 3pm	Revision – WBC disorders (Tutorials)
1/12/2011	2pm to 3pm	Tutorial – Discussed upon thrombosis
8/12/2011	2pm to 3pm	Tutorials – Seminar topics Revision – Necrosis, Lab diagnosis of Iron deficiency, Cellular events in inflammatory, ITP.
15/12/2011	2pm to 3pm	Disorder of autosomes and sex chromosomes
17/12/2011	11pm to 12pm	Seminar ocular pathology
22/12/2011	2pm to 3pm	Tutorials
24/12/2011	11am to 12pm	Introduction to CVS cardiac hypertrophy

RAJARAJESHWARI MEDICAL COLLEGE & HOSPITAL
DEPARTMENT OF MEDICINE
TUTORIAL CLASSES MBBS IX TERM

Sl no.	TOPIC

266.	**Approach to Dyspnoea & Chest pin clinical & differential diagnosis**
267.	**Approach of Cardiac Failure**
268.	**Approach of COPD / Asthma**
269.	**Approach of pleural diseases**
270.	**Approach of Bleeding disorders**
271.	**Approach of Malabsorption syndrome**
272.	**Approach to Myclopathy**
273.	**Approach to Renal Failure**
274.	**Approach to Shock /Multiorgan Failure**
275.	**Approach to Neuropathy**

TB & CHEST

276. Daily case discussion in pulmonology OPD & wards with PG's.
277. Clinical seminars for PG's.
278. Subject seminars for PG's.
279. Daily Clinicals for UG's.
280. Journal club.

SKIN & VD

281. Skin infections(Bacterial-including Leprosy, Fungal and Viral),
282. Disorders of pigmentation (Melasma Vitiligo),
283. Allergic diseases (Urticaria, Eczema/Dermatitis),
284. Hair and its disorders (Alopecia, Hirsutism),
285. Disorders of sebaceous glands (Acne Vulgaris,Rosacea),
286. Disorders of sweat glands (Hyperhidrosis, Miliaria),
287. Papulosquamous disorders (Psoriasis, Lichen planus),
288. Vesiculobullous disorders (Pemphigus, Pemphigoid),
289. Nutritional & Metabolic disorders (Pellagra,Porphyrias),
290. Sexually transmitted diseases (Syphillus, Gonorrhoea).

PSYCHIATRY

291. Tutorials for PGs are conducted

292. Psychoanalysis
293. Brief dynamic therapy
294. Computers in psychiatry
295. Psychopathology
296. Clint centered therapy
297. Cognitive therapies
298. Systematic desensitization
299. Neuro- imaging in psychiatry
300. Genetics in psychiatry

SURGERY

301. Oesophagus
302. Stomach and Duodenum
303. Liver
304. Spleen
305. Billiary tree and Pancreas
306. Large Intestinal diseases
307. Rectum and Anal Canal
308. Neck swellings
309. Oral Cancer
310. Disorders of Parathyroid Gland
311. Thyroid diseases
312. Burns
313. Wound healing
314. Head injuries
315. Nutrition
316. Blood Transfusion
317. Disorders Of the Salivary Gland
318. Carcinomas of the Breast
319. Hernias
320. Shock

ORTHOPAEDIC

321. Tutorials are taken every Wednesday 2 to 4 pm for MBBS Students.

OPHTHALMOLOGY

322. After completing each topic, seminars and tutorials are conducted regarding the topic

E.N.T.

SL NO	DATE	TOPIC
323.	**11/7/11**	**EMBRYOLOGY AND SURGICAL ANATOMY OF EXTERNAL EAR**
324.	**18/7/11**	**EMBRYOLOGY AND SURGICAL ANATOMY OF MIDDLE EAR**
325.	**25/7/11**	**EMBRYOLOGY AND SURGICAL ANATOMY OF INTERNAL EAR**
326.	**1/8/11**	**EMBRYOLOGY AND APPLIED ANATOMY OF MIDDLE EAR**
327.	**8/8/11**	**MIDDLE EAR CLEFT- SURGICAL ANATOMY**
328.	**22/8/11**	**MIDDLE EAR OSSICLES**
329.	**29/8/11**	**MIDDLE EAR MECHANICS AND THEORIES OF HEARING**
330.	**3/10/11**	**PHYSIOLOGY OF HEARING**
331.	**10/10/11**	**THEORIES OF HEARING**
332.	**19/10/11**	**SEMICIRCULAR CANALS**
333.	**24/10/11**	**MECHANISMS OF EQUILIBRIUM**
334.	**8/11/11**	**CONGENITAL DISORDERS OF EXTERNAL EAR AND TRAUMA**
335.	**14/11/11**	**INFLAMMATORY DISORDERS OF EXTERNAL AUDITORY CANAL**
336.	**21/11/11**	**TUMOURS OF EXTERNAL AUDITORY CANAL**
337.	**28/11/11**	**MISC CONDITIONS OF EXTERNAL AUDITORY CANAL**
338.	**5/12/11**	**ASOM**
339.	**12/12/11**	**OTITIS MEDIA WITH EFFUSION**
340.	**2/1/12**	**CSOM- TYPES AND CLASSIFICATION**
341.	**9/1/12**	**CHOLESTEATOMA- THEORIES AND MODE OF SPREAD**
342.	**16/1/12**	**MANAGEMENT OF CSOM**
343.	**23/1/12**	**COMPLICATIONS OF CSOM- INTRACRANIAL**
344.	**30/1/12**	**COMPLICATIONS OF CSOM- EXTRACRANIAL**

345.	**6/2/12**	**FACIAL NERVE- SURGICAL ANATOMY**
346.	**13/2/12**	**FACIAL NERVE- PHYSICAL EXAMINATION AND TESTS**
347.	**20/2/12**	**FACIAL PARALYSIS**
348.	**27/2/12**	**COMPLICATIONS FOLLOWING FACIAL PARALYSIS**
349.	**5/3/12**	**DEVELOPMENT OF NOSE**
350.	**26/3/12**	**ANATOMY OF NOSE**
351.	**2/4/12**	**ANATOMY OF LATERAL WALL OF NOSE**
352.	**9/4/12**	**ENDOSCOPIC, SURGICAL ANATOMY OF NOSE**
353.	**16/4/12**	**ANATOMY OF PARANASAL SINUSES**
354.	**24/4/12**	**PHYSIOLOGY OF NOSE AND PNS**
355.	**7/5/12**	**DISEASES OF NOSE**
356.	**14/5/12**	**SEPTAL ABCESS AND COMPLICATIONS**
357.	**21/5/12**	**NASAL VESTIBULITIS**
358.	**28/5/12**	**DEVIATED NASAL SEPTUM**
359.	**3/9/12**	**CONGENITAL DISORDERS OF AURICLE**
360.	**10/9/12**	**INFLAMMATORY DISORDER OF AURICLE**
361.	**17/9/12**	**INFLAMMATORY DISORDERS OF TYMPANIC MEMBRANE**
362.	**24/9/12**	**CONGENITAL AND INFLAMMATORY DISORDER OF AUDITORY TUBE**
363.	**8/10/12**	**NASAL POLYPS**
364.	**12/10/12**	**EPISTAXIS**
365.	**5/11/12**	**ALLERGIC RHINITIS**
366.	**13/12/12**	**VASOMOTOR AND OTHER FORMS OF RHINITIS**
367.	**21/1/13**	**PAEDIATRIC LARYNGEAL DISORDERS**
368.	**11/2/13**	**NON MALIGNANT DISORDERS OF LARYNX IN ADULTS**

369.	**11/3/13**	**STRIDOR AND OBSTRUCTED UPPER AIRWAY MANAGEMENT**
370.	**8/4/13**	**NEUROLOGICAL DISORDERS OF LARYNX**
371.	**20/5/13**	**CANCER LARYNX**
372.	**10/6/13**	**SURGERIES FOR CANCER LARYNX**
373.	**8/7/13**	**NON SURGICAL MANAGEMENT OF CANCER LARYNX**
374.	**12/8/13**	**METASTATIC NECK NODES**
375.	**16/9/13**	**NECK DISSECTION IN HNSCC**
376.	**14/10/13**	**FUNCTIONAL DISORDERS LARYNX & PHARYNX**
377.	**18/11/13**	**NASOPHARYNGEAL CARCINOMA**
378.	**9/12/13**	**CANCER ORAL CAVITY**

RADIOLOGY

379. Physical properties of x- ray film and processing
380. Film screen radiography
381. Radiology of lines of tubes
382. Film screen radiography

ANAESTHESIOLOGY

383. Intravenous anesthetics
384. Premedicant drugs and their present status
385. muscle relaxants
386. Evaluation of arterial blood gases; Different methods

OBGY & GYNAEC.

387. Labor- mechanism
388. Abnormal presentation
389. Multiple pregnancies
390. P.I.H
391. Anemia
392. D.U.B

393. Prolapse uterus
394. Fibroid uterus
395. P.I.D
396. Infertility
397. Dummy & pelvis
398. Anemia in Pregnancy
399. Vaginal birth after caesarean
400. Radiotherapy and Chemotherapy in Pregnany
401. Teletherapy
402. Low back ache
403. Preterm Labour
404. Cardiac disorders in pregnany
405. Asthma in preg
406. Gestational Trophoblastic neoplasia
407. Ectopic Pregnancy
408. Choriocarcinoma
409. Ovarian tumours
410. Cancer cervix
411. Cancer Endometrium
412. Cancer Vulva
413. Cancer Vagina
414. Endometriosis
415. Adenomyosis

PAEDIATRICS

416. Lower respiratory tract infection
417. Juvenile rheumatoid arthritis
418. Ethics in pediatrics practice
419. Nephritic syndrome
420. Glomerulonephritis
421. Foreign body aspiration
422. Hydrocephalus
423. Cerebral palsy
424. Vitamin deficiencies

425. Birth injuries
426. Urinary tract infection
427. Acute bacterial meningitis
428. Tubercular Meningitis
429. Suppurative lung disease
430. Anaemia in children

Fact Data Sheet-23. Students Projects

ANATOMY

1. Prosection Versus Dissection – Student's Perspective
2. Positions of Appendix
3. Internal iliac artery and its branching variations
4. Nervus furcalis & its variations
5. Preferred methods for UG teaching – Blackboard Vs power point presentations – Student's view points
6. Metopic sutures of skull

BIOCHEMISTRY

7. Study of lipid profile in 1st MBBS students - Dr H.V.Shetty
8. Comparative study of ionic and total calcium in - Dr K.S.Priyadarshini
9. Hypothyroidism and hyperthyroidism.
10. Study of fasting and postprandial triglyceridemia - Dr S.M.R.Usha
11. In 1st MBBS students.
12. Study of serum Transaminases in - Dr C.M.Bindu
13. Type 2 Diabetes Mellitus
14. Anemia in obesity - Dr N.Chandrika
15. Estimation of Zinc in Type 2 Diabetes Mellitus. - Dr Deepthi gupta

PHARMACOLOGY

16. Prescribing Pattern of Iron Preperation in Antenatal Women in a Tertiary Care Hospital- Safina
17. Pattern of Prescription Antihypertensive drugs in Essential Hypertension – Sanjana Prabhu. P
18. Analysis of Prescription Pattern of antiDiabetic Drugs in Patients with Type II Diabetis Mellitus – Radhika Acharya
19. Paediatric ADRs in Hospitalised Patients – A Pilot Study – Jyothsna. B
20. Prescribing Pattern of Acid Suppressants in Modern Clinical Practice – Akif .M.B

MICROBIOLOGY

21. Correlation of intestinal Lactobacilli and Obesity: A culture based study to establish the correlation between Lactobacilli present in the gut micro flora and obesity. Principal Investigator: Akshita Ramani, 2ndMBBS,Co-Investigator: Dr. Sangeetha. S., M.D.

Microbiology, Professor and HOD, Rajarajeswari Medical College & Hospital, Bangalore.

22. Pseudomonas aeruginosa as a health care acquired pathogen in diabetic ulcers.Principal Investigator: ManjunathHiremath,2nd MBBS, Co-Investigator: Dr.D.G. Suresh, M.D. Microbiology, Professor, Rajarajeswari Medical College & Hospital, Bangalore.
23. Aerobic bacteria & their antibiotic sensitivity pattern in the discharge of Chronic Suppurative Otitis Media .Principal Investigator: Divya.B.Sheshadri, 2nd MBBS, And Co-Investigator: Dr.K.C.Rathish, M.D. Microbiology, Professor, Rajarajeswari Medical College & Hospital, Bangalore.
24. Pattern of Microbial Flora among the health care professionals and Environment of intensive care units in a teaching hospital. Principal Investigator, Ashmitha .A. Shetty, 2nd MBBS, Co-Investigator, Dr.Ragini.AnanthKashid.M.D., Associate Professor, Dept. of Microbiology.
25. Comparative Detection and Isolation of Escherichia coli 0157 by CefiximeTellurite Sorbitol MacConkey Agar (CT-SMAC) and Enzyme-Linked Immunosorbent Assay (ELISA) from Stool Specimens. A study to determine the efficacy of these methods in the detection of E coli 0157.Principal Investigator: Amrithanand.R, 2nd MBBS, Co-Investigator Dr.Kiran T.S, M.D., Assistant Professor, Dept. of Microbiology.

COMMUNITY.MED

26. Field Based Surveys

27. Health Education Programmes

28. Research Topics:

1. KAP study regarding hand-washing practices among paramedical personnel in RRMCH
2. Utilizing ICD-10 for classifying illnesses treated by Dept. of General Medicine of RRMCH: Current status & feasibility of implementation
3. Non-pharmacological therapy in Diabetes Mellitus: Advice, compliance & effectiveness compared to those who are only on pharmacological therapy
4. Health education evaluation study regarding Breast Self Examination(BSE) for the early detection of breast cancer/ warning signals of cancer
5. Weight for age of children suffering from diarrhoeal / respiratory infections
6. Case control study of risk factors for chronic respiratory illnesses admitted in RRMCH

7. Utilization of Yeshaswini scheme in RRMCH
8. Correlation of dry eye with use of computers
9. Comparison of visual acuity between chronic smokers & alcoholics & non-smokers & non-alcoholics
10. Prevalence of ocular causes of headache due to refractive errors
11. Microbiological profile of patients with safe type of CSOM and antibiotic sensitivity patterns- (Incidence and prevalence study- Bearing on treatment practises locally)
12. Respiratory PEFR recording as a predictor of asthma in allergic rhinitis patients.(Risk quantification study in local population- bearing on prognosis and follow up)
13. Otoacoustic emission in patients on Antitubercular treatment (Case finding study in high risk individuals)
14. KAP studies on immunization practices among parents attending Pulse Polio
15. KAP among doctors rural & urban regarding pulse polio
16. Relation between physical activity & BMI among adolescents
17. Prevalence of diabetes in tobacco consuming patients attending OPD
18. Musculoskeletal & joint manifestations in PLHIV
19. Prevalence of clinically undetectable thyroid nodules inpatients presenting to out patients clinics: USG study
20. Clinical characteristics & outcomes of patients with acute lung injury & ARDS
21. Tuberculosis & female reproductive health
22. Low-dose aspirin & preeclampsia prevention
23. Evaluating newer diagnostics for detection of multidrug resistance tuberculosis
24. Frequency & nature of adverse drug reactions in elderly in-patients of two Indian Medical college hospitals
25. Tracheotomy : Indications & its complication in a academic setting
26. Prevalence of CSOM & its correlation with socio-economic setting
27. Chronic disease presenting to hospital attributable to diet, obesity & tobacco use
28. Clinical profile of tubotympanic CSOM & its management with special reference to site & size of tympanic membrane perforation, eustacian tube function

GEN. MEDICINE

29. Study of Antibiotic Prescription Pattern in patients with COPD with acute exacerbation.
30. Study of pattern of prescription of Anti Hypertensive Drugs in essential Hypertension.
31. Prescription pattern of Antibiotic usage for Urinary Tract Infection in adult in a tertiary care hospital.

PSYCHIATRY

32. During clinical postings MBBS students are give projects.
33. Patient videos (headache patient,
34. depression patient,
35. panic disorder,
36. patient with summarization,
37. psychosis

OPHTHALMOLOGY

38. Optic nerve changes in chronic alcoholics and chronic smukers
39. Headache for evaluvation

ANAESTHESIOLOGY

40. Clinical Experience of Airway Management and Tracheal Intubation under General Anaesthesia in Patients with Post burn Scan Contracture of Neck.
41. Clinical Practice and complications of Endotracheal Intubation in the Intensive care unit: A Prospective Study.
42. LMA Supreme V/S I gel: Changes in respiratory mechanics during Laparoscopic cholecystectomy
43. Perioperative risk stratification before major non cardiac surgery: Comparison of Duke Activity Status Index Questionnaire, 6 min. walk test and 6 min. treadmill walk test

OBGY & GYNAEC.

44. Prevalence of anemia in partiriuent
45. Satisfaction of the patient with the treatment provided in OBG department
46. Average age of Hysterectomy patients
47. Blood transfusion: indications, severity.
48. Significance of urine routine in pregnant patients
49. Prevalence of Severe Pregnancy Induced Hypertention
50. Contraceptive usage in Rural population

51. Prevalence of Vulval pruritis in post menopausal women

52. Prevalence of Abnormal Uterine Bleeding in rural population

PAEDIATRICS

53. Knowledge of doctors of RRMCH ---- in reporting advance drug reaction

54. Knowledge regarding BCG vaccine in mothers visiting well baby clinic.

55. PFT value estimation in children age 7 to 15 yrs in schools at Ramanagar

Fact Data Sheet-24: Specialty Clinics:

BIOCHEMISTRY

1. Nephrology :- Renal profile
2. Cardiology :- Cardiac profile
3. Fertility clinic:- Hormonal assays

COMMUNITY.MED

4. Rural Health Centre: PHC, Ittamadu
5. Urban Health Centre: Channasandra, Uttarahalli, Bangalore,
6. Urban Health Centre: Agara, Bangalore

GEN. MEDICINE

7. Cardiac Care Clinic -daily
8. Hypertension clinic -daily
9. Diabetes clinic -daily
10. Nephrology clinic -Thrice a week
11. Hematology clinic -daily
12. Neurology clinic -daily

OPHTHALMOLOGY

13. Retina
14. Cornea
15. Glaucoma

Nephrology

16. Hypertension clinic
17. CKD clinic
18. Transplant Clinic
19. PD clinic

PAEDIATRICS

We provide the following activity in specialty clinics

20. Pulmonology clinics : Dr.Rajnish-- Every week on Monday between 2 to 4 PM. We see only respiratory cases. Here we investigate new cases of Asthma – Wheezing child and evaluate old cases (OP & IP) regarding their improvements by doing PFT capitals (Pulmonary Function Tests). We give education by adro-clinical programme. We consol such patient. Educate them how to use nebulizer, Rota inhaler and Inhaler technique.

21. Neurology Clinics: This runs every Saturday In the morning between 9 AM to 1 PM; it is run by team of pediatrian, orthopedician, pediatric neurologist, physiotherapist along with social worker and child psychologist. Detailed analysis of all neurology cases eg. CP and other cases done.
22. Other pediatric specialty clinics will conduct weekly once includes
    a) Pediatric cardiology clinic-- Dr.Karthik
    b) Pediatric Hematology clinic-- Dr.Pawan Kumar
    c) Endocrinology clinic
    d) Adolescent Clinics-- Dr.Prema, Dr.Pratibha
    e) Nephrology clinic
    f) Child guidance Clinic (Every Day)
    g) Well baby Clinic-- Dr.Sahana and Dr.Sunil.B
    h) Neurology clinic-- Dr.Karthik
    i) High Risk Baby clinic-- Dr.Sunil.B

Government of Karnataka

Wednesday, June 12, 2013

Office of the Registrar of Societies,
JAYANAGAR

Schedule 'B'
[See Rule 3(5)]

Certificate of Registration of Society

Society Number : JNR-S60-2013-14

Date : 12-Jun-2013

I hereby certify that ALUMNI ASSOCIATION OF RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL. , # 202, KAMBIPURA, MYSORE ROAD, BANGALORE-560074. District : JAYANAGAR is this day (Wednesday 12 June, 2013) registered under the Karnataka Societies Registration Act , 1960(Karnataka Act 17 of 1960).

Fee paid Rs . 1000/-

Given under my hand at JAYANAGAR on the 12 day of June,2013.

Office : JAYANAGAR

Society Number : JNR-S60-2013-14

CD Number : JNRS6

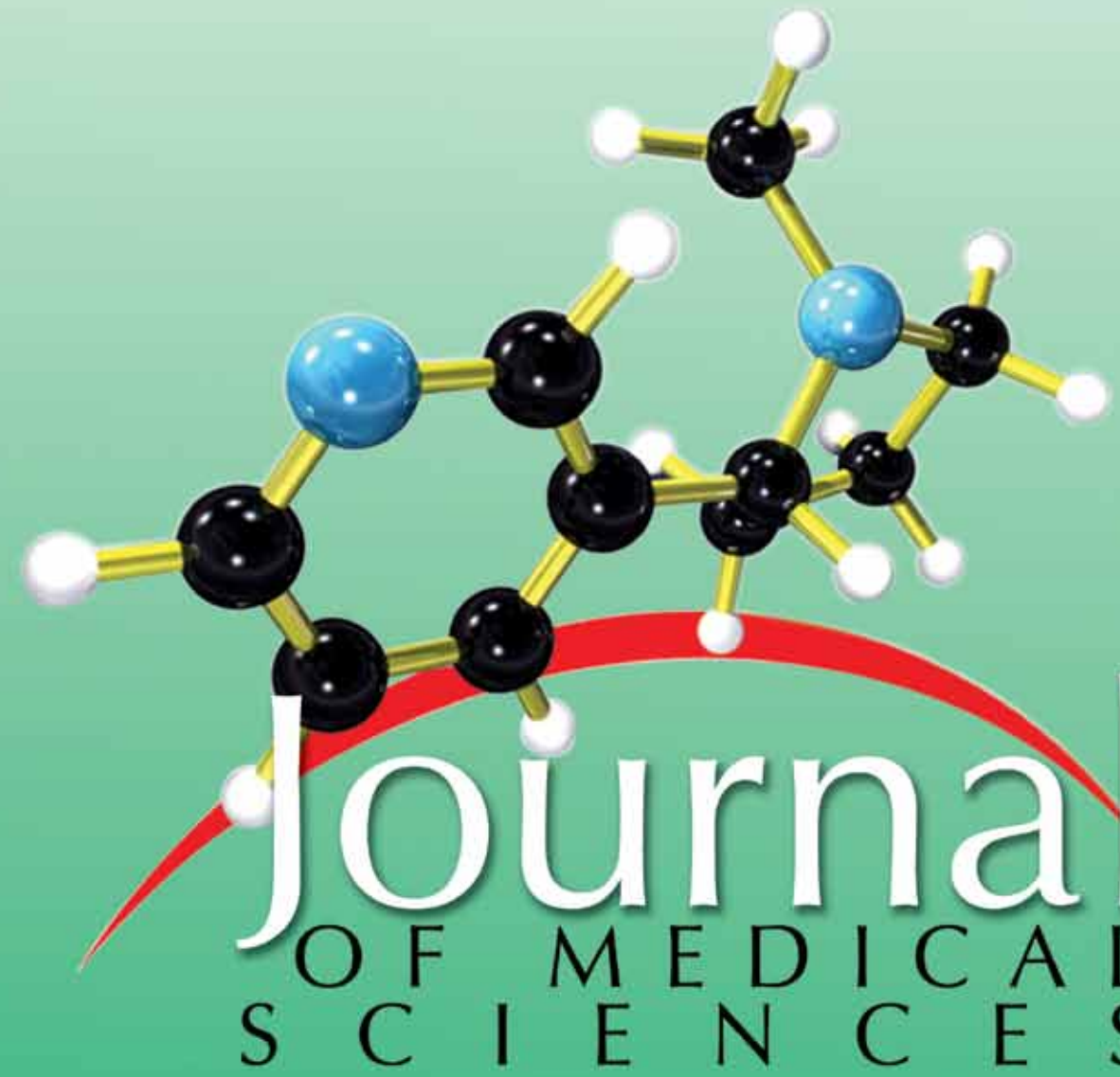
12/6/13

Registrar of Societies,
(JAYANAGAR)

Registrar of Societies Jayanagara
Bangalore Urban District

Designed & Developed by C-DAC,ACTS Pune

APRIL 2013 | VOLUME 1 | ISSUE 1 ISSN 2321-354X.



Journal OF MEDICAL SCIENCES

OFFICIAL PUBLICATION OF

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL
BENGALURU. KARNATAKA (INDIA)

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Moving ahead with the latest in medical technology

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL

#202, Kambipura, Mysore road, Bangalore-560074

Dr. G. Madhavan Nair,
Former Chairman ISRO as
Chief guest at first Graduation Day

Sri V. Narayanasamy Hon'ble
Union Minister for Parliamentary
Affairs Government of India
is chief Guest at II Graduation Day

The celebration of 3rd Graduation
Day function was graced by
Former President of India,
Dr. A.P.J. Abdul Kalam

The Chairman of RRMCH, Shri. A.C Shanmugam
felicitated Dr. Ian Anderson, the President of
Royal College of Physicians and Surgeons
Glasgow in united Kingdom and
Dr. John Cooper Chief Executive Officer
of the institution

RRMCH hosted the R.R Thukral
Southern chapter of the International
Medical Sciences Academy.

On the occasion of Inauguration of
ACS convention Hall
Dr.Sriprakash, Hon`ble Vice chancellor
RGUHS, Karnataka, Bangalore was Presented

"Community Development Through Excellent Health care
Education, Service & Research Systems"

Student exchange program Hammersmith Hospital

Photos taken at Hangzhou, China along with Prof. Mayo. He is an inventor of Hapevac- B vaccine – Hepatitis B. He is well known as Father of Hepatitis- B.

Team of Pediatrics department RRMCH.

"Fetus in Fetoe" means due to twin pregnancy one twin will become a parasite for other twin (Fetus). This baby has been operated in our hospital successfully, now the age of the baby is two years with normal development.

Where the Fetus in Fetoe has been taken care in our Hospital (RRMCH).

Live Penal discussion along with Ms.Mamatha dietician. The topic was, "If children eat food by watching T V causes Heart Disease"

Departmental Faculty Photo - Anatomy

Histology Laboratory - Anatomy

Dissection Hall - Anatomy

Museum - Anatomy

Dissection Hall - Anatomy

Department Library – Anatomy

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL

#202, Kambipura, Mysore road, Bangalore-560074

Community Medicine Urban Health Center

Additional Urban Health Center

Admin Office staff including hospital service staff

Electric Battery car

Xerox Machine

Reception

"Community Development Through Excellent Health care Education, Service & Research Systems"

Departmental Faculty Photo - Biochemistry

Bio-Chemistry Laboratory

Department Library - Biochemistry

Demonstration Room - Biochemistry

Departmental Office - Biochemistry

Department Office - Anatomy

Departmental Faculty Photo
Community Medicine

Departmental Library –
Community Medicine

Museum – Community Medicine

Departmental Office Room –
Community Medicine

Seminar Room –
Community Medicine

Demonstration Room - Anatomy

Departmental Faculty Photo
Microbiology

Departmental Laboratory -
Microbiology

Museum - Microbiology

Research Laboratory –
Fully Automated Elisa Processor

ELISA Machine –
Microbiology (Central Lab)

Departmental Office -
Microbiology

Departmental Faculty Photo
Microbiology

Departmental Laboratory -
Microbiology

Museum - Microbiology

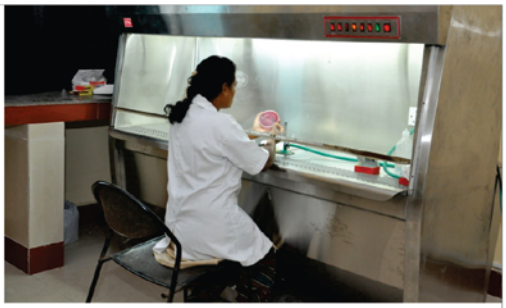
Research Laboratory –
Fully Automated Elisa Processor

ELISA Machine –
Microbiology (Central Lab)

Departmental Office -
Microbiology

Departmental Library – Microbiology

Examination Hall



Biosafety Level-II Cabinet in Research Lab

Equipments - Pathology

Equipments - Microbiology

Pathology - Histopathology Microtomy

Departmental Faculty Photo Pathology

Reporting Room – Pathology (Central Lab)

Histopathology Lab – Pathology

Cytology Lab - Pathology

Examination Hall

Departmental Library – Pathology

Department Faculty Photo Physiology

Research Laboratory – Physiology

Departmental Laboratory - Physiology

Museum - Physiology

Department Library - Physiology

Seminar / Demonstration Room - Physiology

Equipments – Physiology

Departmental Laboratory - Physiology

Research Laboratory - Physiology

Pulmonary Function Test System - Physiology

Mammalian Laboratory – Physiology

Research Laboratory - Physiology

Departmental Faculty Photo Anesthesia

Post-Operative Ward - Anesthesia

Equipments - Anesthesia

Departmental Library – Anesthesia

Seminar Room - Anesthesia

Departmental Office Room - Anesthesia

Departmental Faculty Photo
Oto-Rhino-Laryngology

OPD - Oto-Rhino-Laryngology

Seminar Room - Oto-Rhino-Laryngology

Minor OT / Procedure – Oto-Rhino-Laryngology

Ward - Oto-Rhino-Laryngology

Department Library - Oto-Rhino-Laryngology

Departmental Faculty Photo
General Surgery

Male Ward – General Surgery

Minor OT – General Surgery

Female Ward – General Surgery

Ward – General Surgery

Seminar Room / Demonstration
Room – General Surgery

Departmental Faculty Photo
Ophthalmology

O P D - Ophthalmology

O P D - Ophthalmology

O P D - Ophthalmology

O P D - Ophthalmology

Minor O T - Ophthalmology

O P D - Ophthalmology

Eye Bank - Ophthalmology

Demonstration Room - Ophthalmology

OPD – Orthopedics

Plastering Room - Orthopedics

Minor OT – Orthopedics

Male Ward - Orthopedics

Post-Operative Ward - Orthopedics

Demonstration Room - Orthopedics

Female Ward - Orthopedics

Equipments – Blood Bank

Equipments – Blood Bank

Blood Donation Room

Casualty Building View

Reception Informatics - Data Bank

Anatomy – Central Research Lab

Pathology – Central Research Lab

Pathology – Central Research Lab

Casualty Examination Hall

ICU

Pharmacology Central Research Lab

Physiology Central Research Lab

ICU

ICU

Security Staff Photo

Hostel Security Staff Photo

Ro.Plant

Ro.Plant

Pharmacy-Front View

Ambulance

RAJARAJESWARI MEDICAL COLLEGE & HOSPITAL

#202, Kambipura, Mysore road, Bangalore-560074

College Building – Front View

Hospital Block

RRMCH College Reception Counter

RRMCH College - Admin Office

Operation Theatre (Plastic Surgery)

Recovery Room

"Community Development Through Excellent Health care Education, Service & Research Systems"

ICCU

MICU

MICU

PICU

I C U Complex

Hospital Block

Operation Theatre (Othropedics)

OT Equipments (Orthopedic)

OT Equipments (ENT)

OT Equipments (ENT)

Operation Theatre

Operation Theatre

OT Instruments

OT Equipments

Operation Theatre (Pediatrics Surgery)

Operation Theatre (Ophthalmology)

Operation Theatre (Ophthalmology)

Operation Theatre (Orthopedics)

Central Library - Entrance

Central Library - UG Section

Central Library – PG Section

Central Digital Library

Lecture Theatre

Laundry

Play Ground

Play Ground

Basket-Ball Court

Indoor Sports Room

Indoor Sports Room

Indoor Sports Room

Interns Hostel

Nurses Hostel

Girls Hostel Mess

Girls Hostel Mess

Girls Hostel Mess

Girls Hostel

Laundry

Dental OPD

Medical Record Room

Store

Pharmacy

Pharmacy

Boys Hostel Mess

Boys Hostel Mess

Boys Hostel

Vehicle Parking Area

Common Boys Room

Common Girls Room

Photography of College Buses

Indoor Sports Room

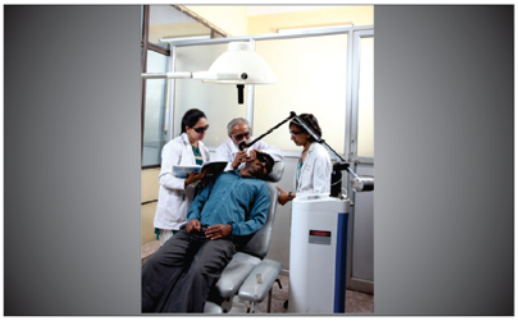
Hospital Ambulance

Boys Hostel

Girls Hostel Room

Gymnasium

Departmental Faculty Photo Dermatology



OPD – Dermatology

Minor OT/Procedure – Dermatology

Phototherapy Machine - Dermatology

Equipments - Dermatology

Demonstration Room - Dermatology

Departmental Faculty Photo
Forensic Medicine

Museum - Forensic Medicine

Practical Hall – Forensic Medicine

Departmental Library -
Forensic Medicine

Seminar / Demonstration Room -
Forensic Medicine

Demonstration Room /
Seminar Room- Pathology

Departmental Faculty Photo
General Medicine

Dialysis Room –
General Medicine

E C G Room – General Medicine

Echo Room – General Medicine

Tred Mill Test – General Medicine

Seminar Room – General Medicine

Departmental Faculty Photo
Obstetrics & Gynaecology

Antenatal Patient Examination

Baby Resnscitation Room

Labour Room with
Patient in Labour

Major O.T

Seminar Hall

Departmental Faculty Photo Pharmacology

Departmental Laboratory - Pharmacology

Museum – Pharmacology

Departmental Library - Pharmacology

Seminar / Demonstration Room - Pharmacology

Pathology - Automated Haematology cell counter

Departmental Faculty Photo Pediatrics

Immunization – Pediatrics

N.I.C.U - Pediatrics

N.I.C.U - Pediatrics

N.I.C.U - Pediatrics

Seminar / Demonstration Room - Pediatrics

Departmental Faculty Photo Physciatry

E.C.T Room - Physciatry

Departmental Library - Physciatry

Seminar / Demonstration Room - Physciatry

Echo Cardiogram

Cardiac Fluoroscopy Imaging

Departmental Faculty Photo - Radiodiagnosis

X-Ray Machine – Radiodiagnosis

Ultra Sonography Room - Radiodiagnosis

Ultra Sonography Room - Radiodiagnosis

M.R I. Scan – Radiodiagnosis

M.R I. Scanning Room- Radiodiagnosis

C.R Room - Radiodiagnosis

X-Ray Machine - Radiodiagnosis

C.T Scan - Radiodiagnosis

Seminar / Demonstration Room - Radiodiagnosis

Departmental Office - Cardiology

Intra Aortic Balloon Pump (IABP)

Departmental Faculty Photo TBCD

RNTCP – Laboratory – TBCD

RNTCP Sputum Collection Centre – TBCD

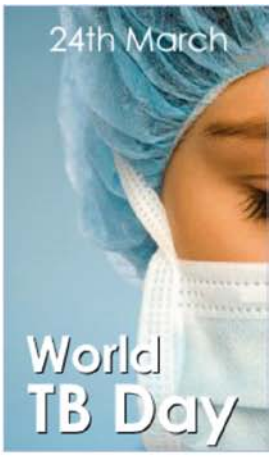
Power Injector

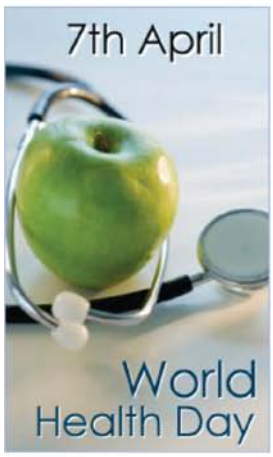
Physiotherapy Services – Short wave diathermy unit

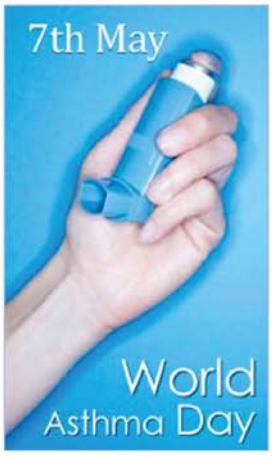
Physiotherapy Services – Contiunous Passive Motion Unit

30th January
Anti
Leprosy Day

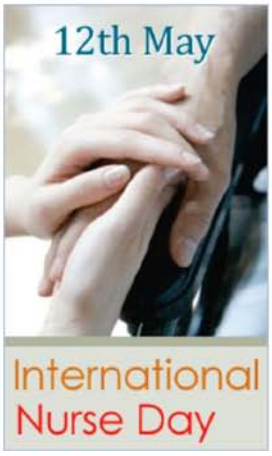
8th March
International
Women's Day

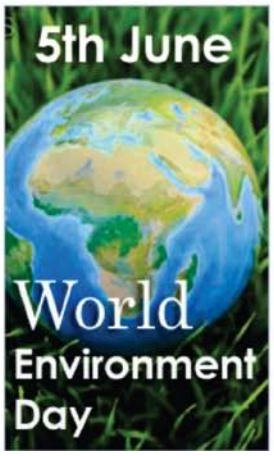

24th March
World
TB Day


7th April
World
Health Day


7th May
World
Asthma Day

31st May
World
No Tobacco
Day


12th May
International
Nurse Day


5th June
World
Environment
Day

1st July
Doctor's Day

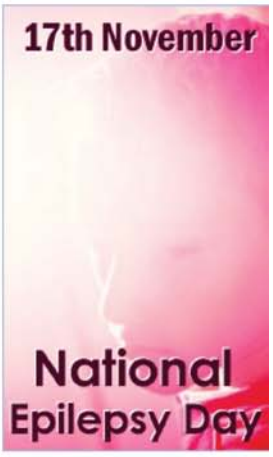
11th July
World
Population Day

1st October
Donate blood
to Save lives
Blood Donation
Day

10th October
World Mental
Health Day

24th October
World Polio Day

14th November
world
Diabetes Day


17th November
National
Epilepsy Day

say no
to AIDS
1st December
WORLD AIDS DAY
JOIN US TO SAVE
THE EARTH

December 3
International
Handicapped
Day