



# RajaRajeswari Medical College & Hospital

#202, Kambipura, Mysore Road, Bengaluru - 560 074

A Constituent Institutions of Dr .M.G.R. Educational and Research Institute, Chennai, India

(Deemed to be University)



## **Title of Practice: Implementation of CBME**

**Objective:**To implement a learner centred curriculum –“ Competency Based Medical Education” .

**The context:** The traditional approach to medical education was subject centered and time based with summative assessments . This approach often placed the student at a disadvantage as they were found lacking in basic clinical skills, soft skills, attitude and ethics though they gained vast knowledge by studying textbooks and reference materials. The Competency Based Medical education is a welcome change from the traditional teaching methodology. CBME promises flexible, learner centric teaching methods with formative assessments and scope for feedback.

**The Practice:** CBME has an Outcome based approachCbme as an outcome based approach to provide graduates with necessary basic clinical skills knowledge and attitude. Foundation course for first MBBS students was conducted in the month of August 2019 according to MCI guidelines. Foundation course covered several ranging including attitude, ethics, communication. Language classes, sports, yoga sessions and visit to Community Health Centre were also a part of the foundation course. Time table for MBBS Phase I was prepared in keeping with the MCI guidelines. The topics in Anatomy, Physiology and Biochemistry were aligned. Some topics were selected for Integrated teaching to avoid redundancy. Early clinical exposure sessions were scheduled to provide undergraduates with basic clinical insights. Also, AETCOM modules were taught which threw light on issues related to ethics , attitude and communication. Formative assessments were carried out frequently to provide both positive and negative feedback to promote student learning.

**Evidence of success:** Students are better oriented towards the competencies to be achieved in every subject. They have responded positively about the efforts of the institution in implementing the new curriculum through Early clinical exposure, Integrated teaching, Alignment and AETCOM sessions.

**Problems encountered:** Implementation of Competency Based Medical education is still in its early stages. CBME has the potential to achieve its intended goal of raising standards of medical education if implemented uniformly. Conducting Faculty development programmes such as Curriculum Implementation Support Programme for the concerned teaching faculty is essential for effective implementation of CBME. Time constraints , limited availability of resource persons for FDP are some of the challenges encountered in CBME.

## **Title of Practice: Use of ICT in Teaching and Learning:**

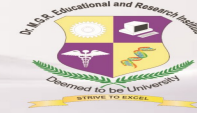


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**Objective:**To enhance the use of Information and Communication Technology to impart education to students in a learner centric environment.

**The context:** The use of ICT has become an integral part of teaching and learning .Optimal utilization of ICT is essential to impart effective education to large number of students from distant locations.

**The Practice:**E-learning modules are developed and uploaded on Institutional LMS. The e-content is available on LMS and is accessible to students for revision at a later date.Institutional Learning Management System is used to conduct online classes and give assignments to students . The student interaction and progress is tracked by regular discussions and doubt clearing sessions through e-mails, chats and video conferencing. Formative assessments are carried out through Google forms, Microsoft forms, quizzes, viva through video conferencing. E-mentoring is provided through video conferencing platforms to give feedback to students. Central library is fully automated . Library Management software used is New Genlibwith RFID. Institutional Central Library has e-resources such as e- books, atlases, e journals and databases such as Proquest , UptoDate, Clinical Key . The access to Proquest database is ip enabled access within the college campus. The remote access to Proquest can be enabled to students on request by generating user id and password. KIOSK facility is available in the central library for searching and lending of the books.All the classrooms and seminar rooms ICT enabled . The staff of IT Department assist the teacher in smooth conduct of the classes, any unforeseen technical issues are attended to Immediately. The campus is WiFi enabled.

**Evidence of success:** The use of Information and Communication Technology has significantly improved the teaching learning environment& subsequently enhanced the student performance.

**Problems encountered:**Motivating the students to use the wealth of e- resources effectively is a challenge. Internet connectivity issues in remote areas hinders optimal utilization of e-learning resources .

## **Best Practices**