



**Report of First Advance Course  
Conducted by  
GSMC – KEMH – MCI Nodal Centre  
(6.4.2015 – 13.4.2015)**

The “**Second MCI Advance Course in Medical Education Technology (2<sup>nd</sup> FIME)**” was conducted by the GSMC- KEMH-MCI Nodal Centre from 6<sup>th</sup> April 2015 to 13<sup>rd</sup> April 2015.

**National Consultant:**

Dr. Dinesh Badyal, Professor & Head, Department of Pharmacology and Therapeutics, Co-convenor (Advance Course), CMC Ludhiana

There were two batches in 2<sup>nd</sup> FIME:

**2014 Batch :**

Of the participants registered in 2014 ( n= 29), 26 came for the 2<sup>nd</sup> contact session. They were from the medical institutions in Maharashtra and Gujarat. Of these, 5 were from Mumbai, 2 from Navi Mumbai, 1 from Ahmednagar, 2 from Gujarat, 4 from Lucknow, 5 from Thane, 6 from Pune, 1 from Loni.

The designations of the participants were as follows:

- A. Dean- 1
- B. Professor & Head – 6
- C. Professor – 7
- D. Associate Professor - 11
- E. Assistant Professor – 1.

**Dr. Bageshree Seth**, Professor, Department of Pediatrics , **Dr.D.S.Kulkarni** Principal, Department of Radiology and **Dr.Vinita Singh** Professor & Head, Department Ophthalmology did not attend the second contact session and communicated to us accordingly.

**2015 A Batch :**

The participants were from the medical institutions in Maharashtra and Gujarat. A total of 30 participants had registered for the course. Of these, 10 were from Mumbai, 5

from Navi Mumbai, 3 from Ahmednagar, 3 from Gujarat, 2 from sagali, 2 from Kolhapur, 2 from Karad 3 from Aurangabad.

The designations of the participants were as follows:

F. Professor & Head – 7

G. Professor – 3

H. Associate Professor - 10

I. Assistant Professor – 10

The details of the participants are attached in the Annexure I.

Prior to the programme, faculty met to review objectives of each session and to discuss the details of session techniques to be adopted by the faculty including the power point presentations. A consultative approach was used to modify the sessions. For reading material, a pen drive was prepared which included PDF version of power point presentations of the faculty members and supportive resource material.

To impart the training to the participants, various learning experiences were provided. These included:

1. Interactive large group teaching, in which all the participants were exposed to slide show, role-play, discussions and questioning.
2. Small group discussions: Each group included 6 participants. In these groups structured learning experiences were given with the help of case scenario or experiences/views of the participants were shared. The group jotted down the outcome of discussion on the chart to share with other groups. This approach increased individual participation and provided opportunities for a free and thorough exchange of ideas. It was felt that such group work would be more effective for encouraging participants to evaluate, and even to change their attitudes and feelings about education strategies they are adopting currently.

The participants applied these principles in planning a curriculum of their choice as group activity.

3. Individual tasks were also given for planning their projects & presenting them.

T-L aids included appropriate audio-visual facilities, case scenarios for group activity, situations for role plays, posters, flip charts and panaboard.

At the end of each day, daily online evaluation was conducted using survey monkey to assess the participants' feedback about the sessions. The questions were

objective type and included areas that were covered in the course. Program evaluation and Retrospective pre evaluation was given to the participants at the end of the workshop for assessing their perception of learning in each session. The questionnaire included two major aspects i.e. importance and skills.

### Summary of the sessions conducted during the course:

#### **Day 1**

After registration, **Recap of basic workshop** was done by Dr. Yuvaraj Bhosale & Dr. Rashmi Patil to make the participants familiar with each other. This was followed by the first session “**Curriculum I : Planning, context, linkage**” which was conducted by Dr. Avinash Supe Dean, Seth GSMC & KEMH, and Dr. Henal Shah Professor (Additional), Department of Psychiatry. This session was followed by the **Inauguration Programme**. After this the Programme the next session titled “**Curriculum II : Goals, competencies, SLOs**” was conducted by Dr. Milind Tullu Professor, Department of pediatrics, and Dr. Munira Hirani Associate Professor, Department of Physiology. “**Curriculum III :Teaching learning methods**” was conducted by Dr. Henal Shah Professor (Additional), Department of Psychiatry and Dr. Rashmi Patil Assistant Professor, Department of Anatomy. The session on “**Project planning I: Introduction, Title**” was conducted by Dr. Praveen Iyer Professor (Additional), Department of Anatomy. This was followed by discussion of projects in small groups which was facilitated by faculty assigned to the groups.

#### **Day 2**

The day began with a session on “**Curriculum IV: Organization, Implementation, Handling**” conducted by Dr. Shubhangi Parkar, Professor & Head Department of Psychiatry and Nirmala Rege, Professor & Head, Department of Pharmacology. This was followed by a session on “**Curriculum V: Evaluation**” conducted by Dr. Nirmala Rege, Professor & Head, Department of Pharmacology & Therapeutics & Dr. Santosh Salagre, Associate Professor, Department of Medicine. Thereafter a session on “**Educational Research**” was conducted by Dr. Nirmala Rege Professor & Head, Department of Pharmacology & Therapeutics & Dr. Sucheta Dandekar, Professor & Head, Department of Biochemistry. “**Assessment I: Application of validity and reliability**” was conducted by Dr. Praveen Iyer Professor (Additional) and Dr. K. Shyamkishore, Professor (Additional), Department of Anatomy. “**Project planning II:**

**Context, Impact, Outcomes**” was conducted by Dr. Praveen Iyer, Professor (Additional), Department of Anatomy. This was followed by discussion of project in small groups which was facilitated by faculty assigned to groups.

### **Day 3**

The day began with a session on **“Curriculum VI: Finalized curriculum presentations”** conducted by Dr. Nirmala Rege Professor & Head, Department of Pharmacology & Therapeutics, Dr. Sucheta Dandekar, Professor & Head, Department of Biochemistry, Dr. Munira Hirkani, Associate Professor, Department of Physiology. And Dr. Raakhi Tripathi Associate Professor, Department of Pharmacology & Therapeutics. **“Assessment II: Blueprinting & Setting of question paper”** was conducted by Dr. Sunil Kuyare, Associate Professor, Department of Microbiology. After the lunch break **“Project planning III: Project evaluation, Methodology, Timeline”** was conducted by Dr. Praveen Iyer, Professor (Additional), Department of Anatomy and Dr. Munira Hirkani, Associate Professor, Department of Physiology. The participants then applied the principles of project planning to their own projects and presented them to colleagues and faculty facilitators, thereby refining their projects.

### **Day 4**

The first session titled **“Assessment III : Assessment of learning”** was conducted by Dr. Dinesh Badyal Professor and Head, Department of pharmacology and Rashmi Patil Assistant Professor, Department of Anatomy. **“Assessment IV : WPBA, MiniCEX, DOPS etc.”** Dr. Ashwini Karve, Assistant Professor, Department of Pharmacology & Therapeutics. Dr. Yuvaraj Bhosale, Professor (Additional), Department of Anatomy. **“e-learning and online discussions”** was conducted by Dr. Praveen Iyer Professor (Additional), Department of Anatomy and Dr. Rajneesh Pandey, Assistant Professor, Department of Anatomy. **“Project Planning IV: Presentation of final projects”** was conducted by Dr. Praveen Iyer Professor (Additional), Department of Anatomy, where the participants presented their final project proposals to their respective groups including faculty facilitators and received feedback on the same.

### **Day 5**

The first session titled **“Orientation to Poster sessions”** was conducted by Rashmi Patil Assistant Professor, Department of Anatomy. The poster session continued whole day. All the 26 participants from 2014 batch presented their posters which were discussed first in small groups and then in the plenary session. A poster entitled,

“Hands-on-training in statistical packages for residents of health sciences “ by Dr Sudhir Jadhav was considered as the best poster. At the end of the day “**Poster session feedback**” was conducted by Dr. Ashwini Karve, Assistant Professor, Department of Pharmacology & Therapeutics.

### **Day 6**

The first session titled “**Educational Scholarship**” was conducted by Avinash Supe Dean, Seth GSMC & KEMH & Dr. Praveen Iyer Professor (Additional), Department of Anatomy. “**Abstract Writing**” was conducted by Dr. Nirmala Rege Professor & Head, Department of Pharmacology & Therapeutics & Dr. Sucheta Dandekar, Professor & Head, Department of Biochemistry. .After the lunch. A session on “**Leadership**” was conducted by Dr.Yuvaraj Bhosale, Professor (Additional), Department of Anatomy. This was followed by a session on “**Observation Skills**” which was conducted by Dr. Nirmala Rege Professor & Head, Department of Pharmacology & Therapeutics & Dr. Munira Hirkani, Associate Professor, Department of Physiology.

### **Day 7**

The day began with a session on “**Quality Assurance**” conducted by Dr. Henal Shah Professor (Additional), Department of Psychiatry & Dr. Munira Hirkani, Associate Professor, Department of Physiology. The session on “**Mentoring**” was conducted by Dr. Shubhangi Parkar, Professor & Head Department of Psychiatry & Dr. Ajita Nayak Professor, Department of Psychiatry. After the lunch, another session on “**Leadership**” was conducted by Dr.Santosh Salagre Associate Professor, Department of Medicine.