

DEPARTMENT OF MEDICAL EDUCATION

Activity Scale

Medical Education Unit (MEU) was established in 1993 in line with the recommendation of Medical Council of India to oversee, improve and improvise teaching methods and also to train teachers so as to impart quality education to the students. It was upgraded to **Advanced Centre for Medical Education & Research** (ACMER) in October 2014. It was further upgraded to **Department of Medical Education** in October 2015.

Objectives of the Medical Education Unit::

- To create awareness amongst the teachers regarding the principles of medical education technology.
- To initiate teachers to evolve educational strategies so that the lacunae existing in the present system could be minimized.
- To disseminate knowledge and allow diffusion of activities to other institutes.
- To target both teachers and students, as they are the most important constituents of the educational process.
- Promote educational research
- Facilitate this learning process to other similar professionals

LIST OF EQUIPMENTS IN THE DEPARTMENT

1. Overhead Projector – 6 OHP shared between Anatomy & pharmacology
2. Slide Projector 35MM -1
3. Blackboard – 3 Whiteboards and 1 Panaboard and 2 Smart boards (shared with other departments)
4. Computer – 15 computers shared with Anatomy and one computer of FAIMER office and 3 computers of ME Unit Conference Hall
5. Projector – 3 (2 of ME Unit & 1 of FAIMER)
6. Laptop – 2 (1 of ME Unit & 2 of FAIMER)
7. Xerox copier with printer – 1 Scanner and Printer shared with Anatomy and FAIMER (ME Unit & FAIMER Office) and 1 Scanner with printer in the Conference Hall
8. Video Camera – 1 (shared with Anatomy)

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9. Furnitures –

- a. Plastic Chairs – 25
- b. Executive Chairs in Conference Hall – 35
- c. Table – 3 in Conference Hall
- d. Round Tables – 6 with Internet connection and Electric Switches
- e. Cupboards – 4

10. Water Container - 1

List of Books & Journals

Teaching & training material available -

Book and journals –

- a. Books – in the central library & also in the department library.
- b. Journals – Medical Teacher

Medical Education

DEPARTMENT OF MEDICAL EDUCATION LIBRARY SETH GS Medical College & KEM Hospital

Book No.	Name	Authors	Edition
1	A Handbook of Medical Teacher	David Newble Robert Cannon	2 nd Edition
2	A Manual on First Aid And Cardio Pulmonary Resuscitation		
3	Action Learning	Lan Mcgil Beaty	1992

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4	An introduction To Medical Education	Vincent & Madhusudan	2001
5	Anatomy of Medical Education	M.R.Goyal Mahesh Gupta	1 st edition 1986
6	Annual Report 1996 School of Medical Education	WHO	1996
7	Art of Being A Winning in India	Chandarkar	2003
8	Better Medical Writing In India	Stephen Lock Jane Smith Whimsfer Alex Petro	1986
9	Book Keeping & Accountancy	A.Y.Joshi & Others	1994
10	Clinical Skill Traning	K.R.Sethiraman Santosh Kumar	1996
11	Cases in Management	Girish P.Jakhotiya Manjiri G.Jakhotiya	2003
12	Counseling Your Staff	Warren Redman	1 st edition 1996
13	Clinical Kinesiology	Signe Brunnstrom M.A	2 nd edition 1996
14	Developing Teachers Theories of Teaching A Touchstone Approach	Bavis Yaxley	1 st edition 1991
15	Discipline Grievance and Disposal	Sue Morris	1 st edition Reprint 1996

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16	Double Entry Book Keeping	Jamshed Batiliboi	31 st edition
17	Educational Handbook for Health Personnel	J.J.Guilbert	1987 WHO
18	Emerging as a Teacher	Robert Bullough Gary Knowles Nedra Crow	1991
19	Essentials of Management	Harold Kuntz	1990
20	Getting Along Better with People	Northcote Parkinson Rustomji	Reprint 1993
21	Higher Education in india	Amrik Singh	1988
22	Hospital Waste Management	Chandarkar	2004
23	How To Achieve Quality in Education	Ian mills	1985
24	How to Manage Organizational Change	D.E.Hussey	1 st edition 1996
25	How To Reward Your Staff	Martin Fisher	1 st edition 1996
26	Human Resource Management	Anjali Ghanekar	1997
27	Human Resource Management	Bhaskar Chatterjee	1995
28	In The Wonderland of Managers	Sharu Rangndcac	Second reprint 1995
29	Increasing Teacher Effectiveness	Lorin Anderson	1991
30	Inquiry – Driven strategies for innovation in Medical Education In India	Kusum Verma B.V.Adkoli Usha Nayar	
31	Inrerns Orientation to Quality Care	Jipmer Pondichery	1994

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32	Interpersonal Skills	Astrid French	1 st edition reprint 1996
33	Introduction To Educational Technology	K.Sampath A.Pannerselvana S.Santhana	2 nd edition 1986
34	Introduction to the Musculoskeletal System	Cornelius Rosse D.Kay Clawson	1970
35	Lecturing And Explaining	George Brown	1978
36	Management	Peter Drucker	1996
37	Management Accountancy	Hrishikesh Chakraborty	1997
38	Managing Educational Innovations	Audrex Nicholls	1 st Published 1983
39	Managing for High Performance	Roger Moogers	1 st edition 1996
40	Managing Successful Learning	Practical Guide Teacher's / Trainers	1992
41	Measurement And Evaluation in Teaching	Norman E Gronlund	5 th edition 1981
42	Media In Medical Education	P.Chopra Ad.Koll K.K.Deepak Varma / Nair	1994
43	Medical Book in India	P.Sahni S.Nundy	1 st edition 1994
44	Medical Council of India	Resolutions on Graduate Medical education	1997
45	Medical Education Principles & Practice	Vol II NTTC Pondy cherry Trainer's Manual	1997

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46	Medical Education Principles & Practice	N.Ananth Krishnan K.R.Sethuraman Santosh Kumar	2000
47	Measuring Medical Education	John P.Hubbard	2 nd edition 1978
48	Monograph on Question Banking For Universities	Research Cell Association of Indian Universities new Delhi	1991
49	Psychopedagogy	E.Stones	1975
50	Questions And Answers In Book Keeping & Accountancy	Jamshed Batliboi	1993
51	Successful Presentation Skills	Andrew Bradaury	1 st edition 1996
52	Teaching for Better Learning	F.R.Abbalt	1992
53	The Making of A Doctor	R.S.Downie Charlin Calmam	1992
54	The Medical Teacher	Ken Cox Christine Ewan	2 nd edition 1988
55	The Power of Positive Living	Normal Vincent Peace	
56	The Winning Personality	Chandarkar	2003
57	Tough Times Never Lost But Tough People Do	Robert H.Schuller	Indian Edition 1995
58	Training For Special Needs	Max Taylor Sara Hills	1 st 1990
59	Trick or Treat	K.R.Sethuraman	2000
60	Your Erroneous Zones	Dr.Waxne Dyer	1976

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61	The Art of Teaching Medical Student	First Edition Dr. P. S. Bhuiyan Dr. S S Joglekar	1996
62	The Art of Teaching Medical Student	Second Edition Dr. P. S. Bhuiyan Dr. N. N. Rege Dr. A. N. Supe	2002
63	The Art of Teaching Medical Student	Third Edition Dr. P. S. Bhuiyan Dr. N. N. Rege Dr. A. N. Supe	2015

Courses Conducted Annually

MCI Basic Courses per year : Minimum 2 Per year
(Sensitization Workshop & Revised Basic Course Workshop)

MCI Advance Courses (FIME) per year : 2 Per year

GSMC-FAIMER Regional Institute Programme:

Collaboration with FAIMER, USA:

2 Courses- Total 10 days: 7 days for new entrants & 5 days for older batch with (2 days Overlap)

MUHS - Resident as a Teacher - once a year

Categories of personnel trained

- a) Medical Teacher
- b) Occupational Therapist
- c) Physiotherapist
- d) Nurses
- e) Other allied faculty- Unani, Ayurved, Homeopathy, Dental etc.

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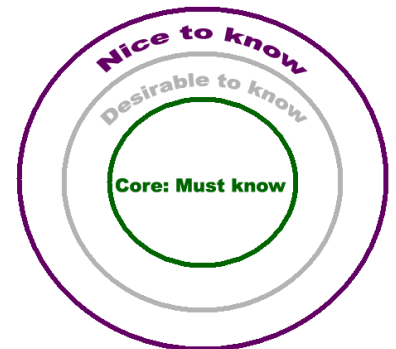
ACHIEVEMENTS AND ACTIVITIES OF MEDICAL EDUCATION UNIT since inception in 1993

Initial activities

- The unit conducted training programs on single topic e.g. MCQ workshop with support from experts from other institutions
- Later the ME unit conducted biyearly workshops of 2-3 day duration, initially for new entrants and then extended the workshops to senior teachers, from various institutes
- It received regular feedback and there was always a continued effort towards improvement
- It also conducted training of core MEU members



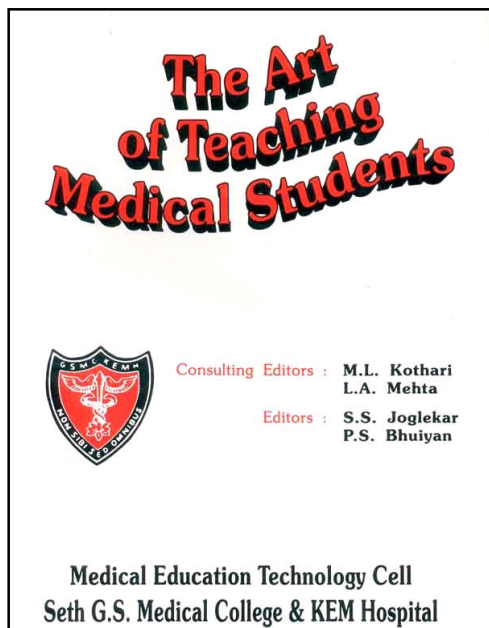
- The ME unit participated with JIPMER, Pondicherry in WHO Consortium on curricular innovations (1994-1998)
- The unit conducted graduate and faculty perception surveys –
- It was involved in morbidity and mortality data collection
- The ME unit played a pivotal role in defining curriculum in each discipline
- It also helped identifying core curriculum
- It began co-curricular activities like Shidori, the mentorship program for students




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Initial Publications:

- The Art of Teaching Medical Students (First Edition) in 1996
- MET cell Bulletin in 1997



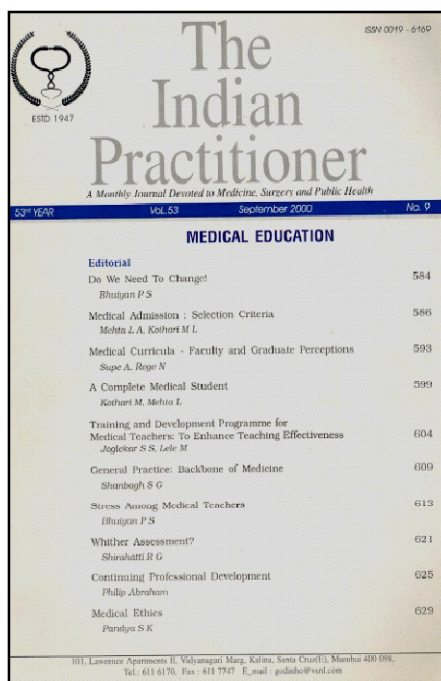
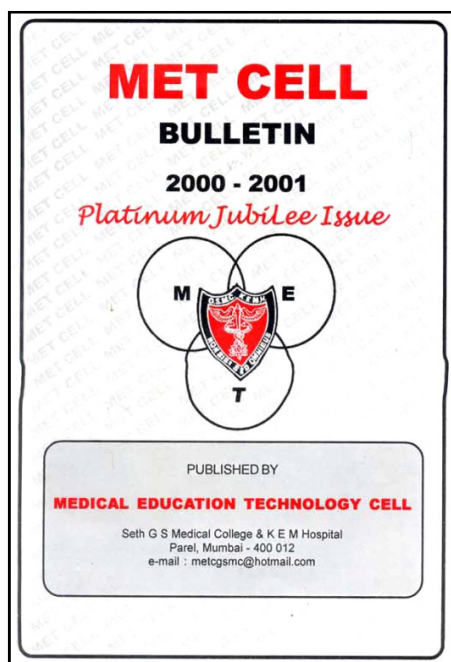
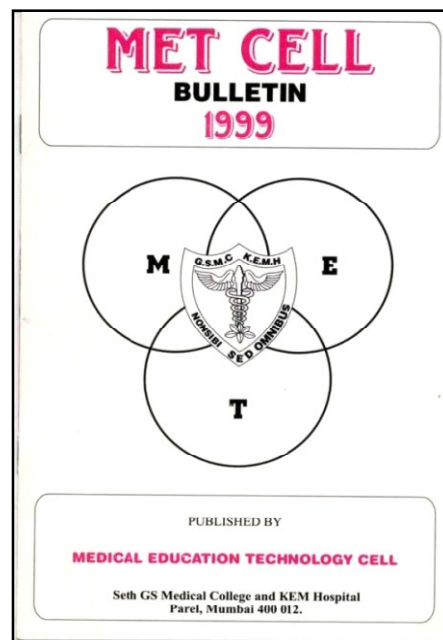
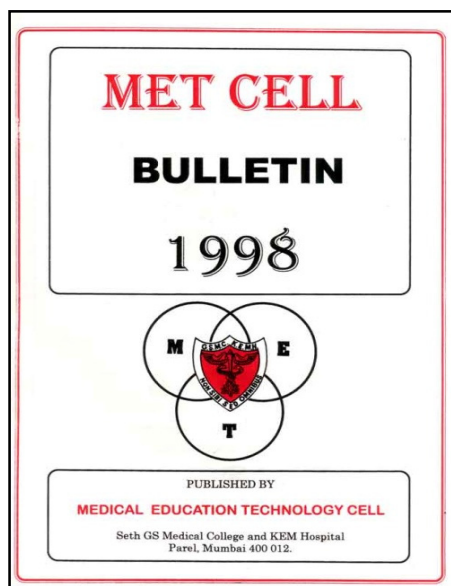
MET CELL BULLETIN	
1997	
	
PUBLISHED BY MEDICAL EDUCATION TECHNOLOGY CELL SETH GSMC & KEM HOSPITAL PAREL, MUMBAI - 400 012.	
CONTENTS	
	PAGE No.
PRESIDENT Dr. Pal P. M.	Message 2
COORDINATORS Dr. Joglekar S. S. Dr. Bhuiyan P. S.	Editorial 2 MET Cell-Activity Report 3 About Workshops 3
MET CELL MEMBERS Dr. Dahanukar S. A. Dr. Dandekar S. Dr. Pandit D. D. Dr. Parkar S. R. Dr. Parulekar S. V. Mr. Patankar C. Dr. Rege N. N. Dr. Supe A. N. Dr. Yeolekar M. E.	Guest Article - Work Culture 4 Innovation In Medical Education 5 Scenario At Seth G. S. Medical College 5 Expectations / Suggestions by the students 6 Sharing experiences by teachers 7 Acknowledgements 7
EDITORS Dr. Bhuiyan P. S. Mr. Patankar C.	

- Medical education Unit was recognized as important and the activities carried out by the unit got more acceptance amongst the faculty members
- The faculty members of the MEU were tremendously motivated and continued to carry out local level activities in the form of workshops
- However there were no funds available and the MEU members themselves contributed funds to purchase books and establish a library of resources
- Audio-visual facilities were shared between departments

Sustained effort of Publications:

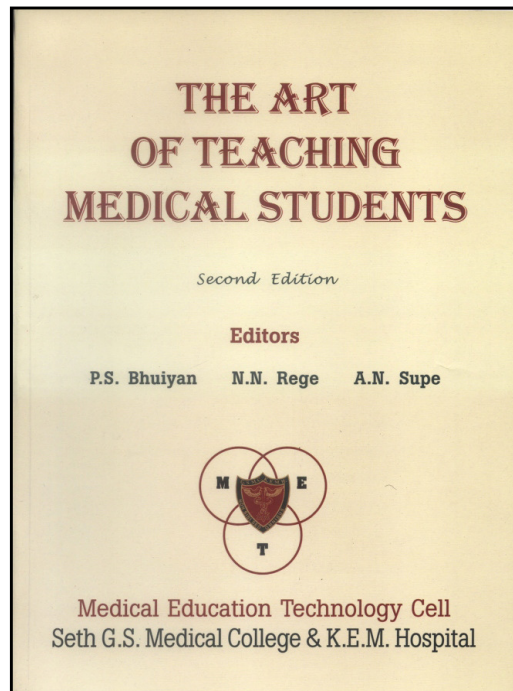
- MET cell bulletin 1998
- MET cell bulletin 1999
- MET cell bulletin 2000-2001 (Platinum Jubilee Edition)
- In September 2000, Special issue of the journal "The Indian Practitioner" on Medical education carried articles written by MEU Members

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The Art of Teaching Medical Students (Second Edition)



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The Medical Education Unit has been involved in the following projects:

- WHO – Consortium – on Curricular Innovations 1994-98
- MUHS – Workshops on Curricular Development – 1998-2001
- WHO – ICMR – Workshop on Ethics - 2003
- ECFMG- FAIMER Institute Program 2002-2004

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES invited the ME UNIT to conduct state level workshops and teachers training programmes.

More than 200 such programmes were conducted at different places in Maharashtra.

Over 10000 teachers were trained.



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A ten day workshop on management principles for medical teachers was conducted by the Medical Education Technology Cell of Seth G S Medical College & KEM Hospital in collaboration with the University of Mumbai in the year 1996 under the guidance of Dr. (Mrs.) G J Kerawala, Professor & Head, Department of Education, University of Mumbai.

In 2001, a training programme on Management Principles for Medical Teachers was organised and conducted by Medical Education Unit, in collaboration with Mr. Anil Naik , faculty from Welingkar Institute of Management. There were ten sessions on various aspects of management, each of two hours' duration, spread over two months. Mission and Vision statements of our institute were developed and finalised.



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Vision Statement of the institution was developed by the Medical Education Unit as follows:

VISION STATEMENT

We shall not leave any stone unturned to create a medical college that provides world-class medical knowledge and skills to the students and professionals and shall become the most recognized medical institution in the country by the year 2005.

Our hospital shall provide quality health care services to the masses and shall become a preferred hospital to all sections of the society by the year 2005.

Mission state of the institution was developed by the Medical Education Unit as follows:

MISSION STATEMENT

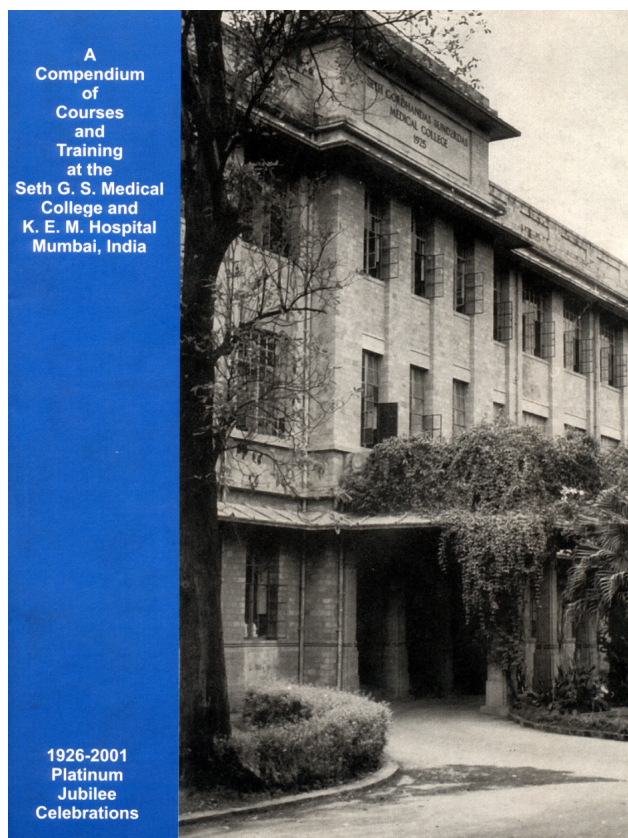
We exist to provide quality medical education and quality health care to the society. We are committed to serve our patients with compassion , care and integrity at a reasonable cost. We shall always strive to improve our facilities, knowledge and skills to offer our patients unmatched medical services.

It will be our duty to include these values in every activity we undertake and inspire all medical students and professionals to do the same.

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Designing of certificate course

A certificate course in Medical Education Technology was designed incorporating principles of education technology, management and educational research and the announcement of the first such course was made during the platinum jubilee celebrations of the institute



Course offered by Medical Education Technology Cell

Certificate Course in Medical Education Technology

- **Organized and conducted by**
Medical Education Technology Cell
- **Background & Facilities available**
This department was established in 22.01.1993. The staff who are trained in various aspects of Medical Education Technology are the resource personnel. The cell has audio visual aids and a well-equipped library. It has published a book titled "The Art of Teaching Medical Students."
- **Course Co-ordinators**
Dr. Pritha S. Bhuiyan
Dr. Nirmala N. Rege
Faculty
Dr. S.P. Dandekar, Dr. P.R. Mehta, Mr C.V. Patankar, Dr. A.N. Supe, Dr. S.R. Parkar, Dr. K. Shyamkishore
- **Course Details**
There will be interactive sessions and work groups on educational objectives, teaching learning methodologies, micro teaching, integrated teaching, curriculum planning and evaluation.
- **Time of the year when the course is proposed to be conducted**
March & September.
- **Duration of the course**
3 days each for Part I & II (total 6 days)
- **Periodicity**
Part I & II once a year.

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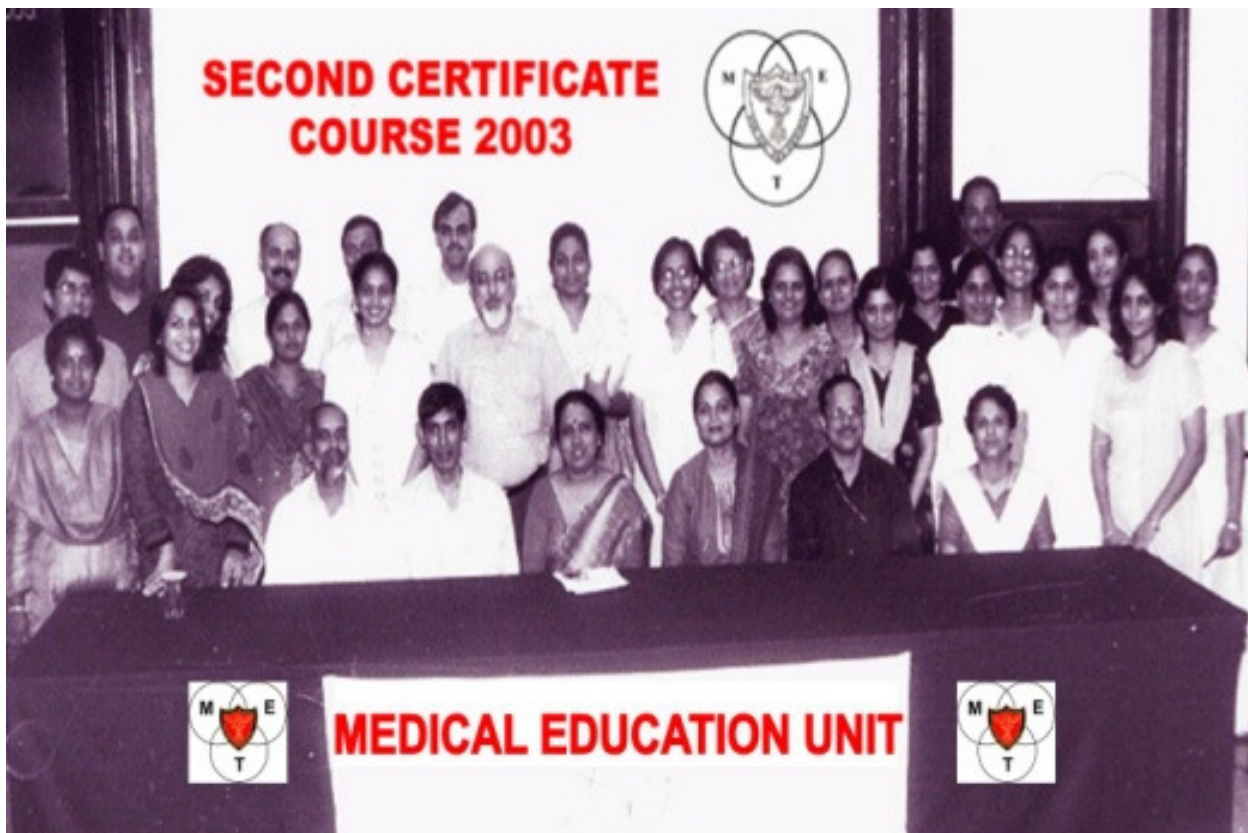
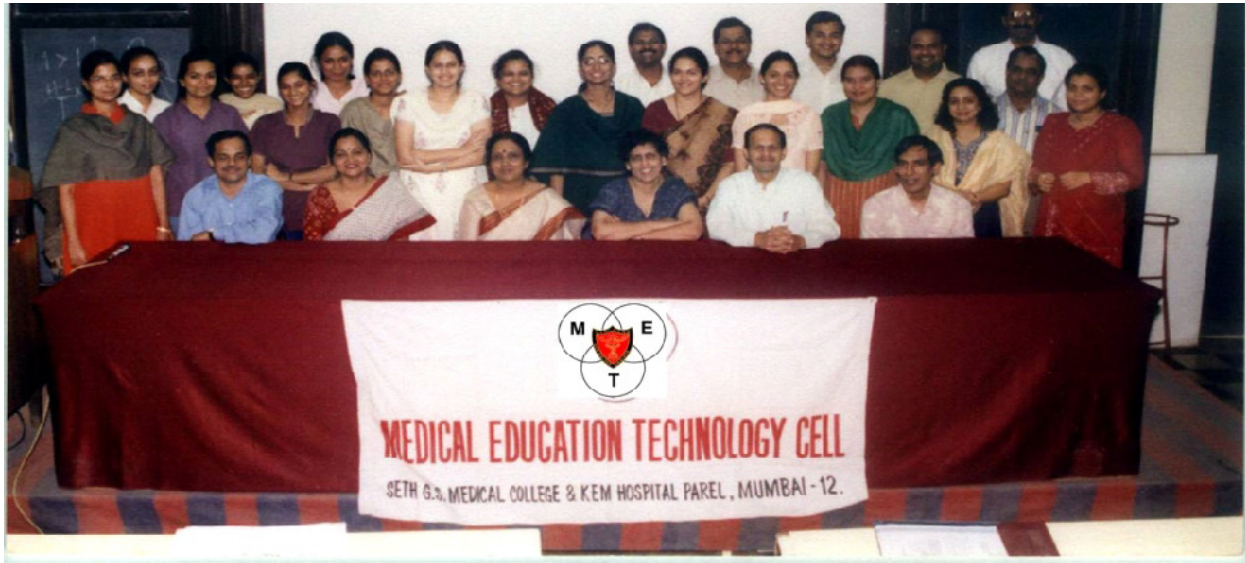
Twelve certificate courses were conducted from the year 2002 to 2011

Sr. No.	Certificate course number	Year
1.	First	2002-2003
2.	Second	2003-2004
3.	Third	2004-2005
4.	Fourth	2006
5.	Fifth	2006
6.	Sixth	2007
7.	Seventh	2007
8.	Eighth	2008
9.	Ninth	2008
10.	Tenth	2009
11.	Eleventh	2010
12.	Twelfth	2011

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Certificate Courses (2002 to 2011)

Few Group Photos



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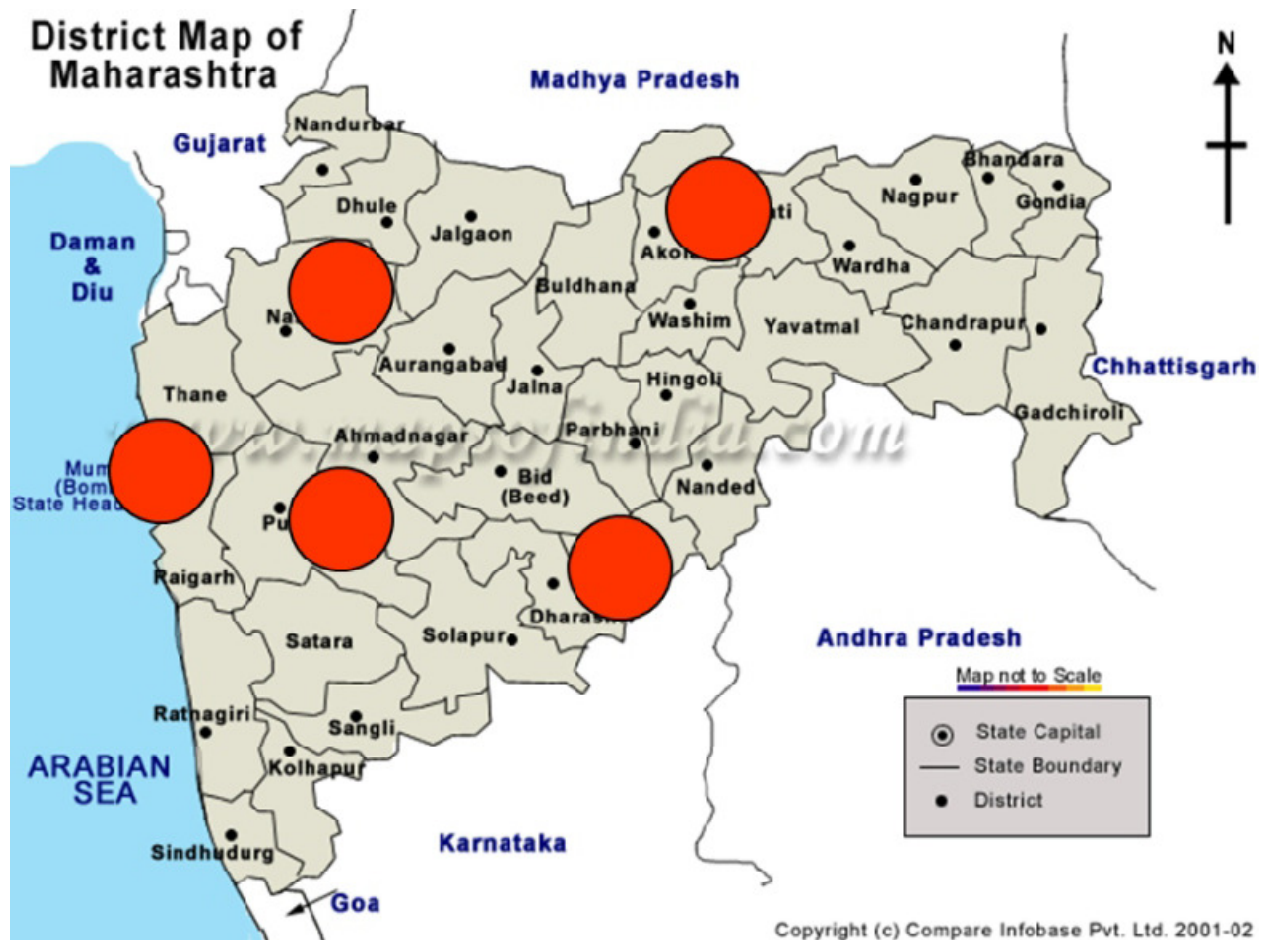
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MUHS – Zonal Training Center and Centre of Excellence

The Medical Education Unit of Seth G S Medical College & KEM Hospital was recognized as a zonal training center and Centre of excellence by the Maharashtra University of Health Sciences in the year 2005. The purpose was to hold workshops in all zones of Maharashtra and also aid establishment of Medical Education Units all over the state and train & update trainers.



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Collaboration with FAIMER

(FAIMER) is a sister organization of the Education Commission for Foreign Medical Graduates (ECFMG), USA and has been successfully running faculty development fellowships since 2001. In June 2005, the Seth GS Medical College was the first to start a regional institute in the world



Sr. No	Name of the Institute	Dates	Number of Participants
1.	First GSMC FAIMER Regional Institute	June 2005	26
2.	Second GSMC FAIMER Regional Institute	June 2006	16
3.	Third GSMC FAIMER Regional Institute	June 2007	16
4.	Fourth GSMC FAIMER Regional Institute	June 2008	16
5.	Fifth GSMC FAIMER Regional Institute	June 2009	19
6.	Sixth GSMC FAIMER Regional Institute	June 2010	19
7.	Seventh GSMC FAIMER Regional Institute	June 2011	18
8.	Eighth GSMC FAIMER Regional Institute	June 2012	16
9.	Ninth GSMC FAIMER Regional Institute	June 2013	16
10.	Tenth GSMC FAIMER Regional Institute	June 2014	16
11.	Eleventh GSMC FAIMER Regional Institute	April 2015	16

More than 200 fellowships have been awarded by the GSMC FAIMER Regional Institute and thus as many curriculum innovation projects have been implemented at various institutes in India and abroad under the guidance of our institute

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Basic Courses Conducted by GSMC KEMH MCI Nodal Centre

Sr. No	Name of the Workshop	Dates	Number of Participants
1.	First Basic Course Workshop	September 8 to 10, 2009	20
2.	Second Basic Course Workshop	March 10 to 13, 2010	21
3.	Third Basic Course Workshop	September 28 to 30, 2010	25
4.	Fourth Basic Course Workshop	February 22 to 24, 2011	27
5.	Fifth Basic Course Workshop	April 6 to 8, 2011	63
6.	Sixth Basic Course Workshop	September 27 to 29, 2011	32
7.	Seventh Basic Course Workshop	March 28 to 30, 2012	35
8.	Eighth Basic Course Workshop	April 17 to 19, 2012	35
9.	Ninth Basic Course Workshop	September 12 to 14, 2012	37
10.	Tenth Basic Course Workshop	October 9 to 11, 2012	41
11.	Eleventh Basic Course Workshop	March 20 to 22, 2013	37
12.	Twelfth Basic Course Workshop	May 2 to 4, 2013	35
13.	Thirteenth Basic Course Workshop	December 2 to 4, 2013	42
14.	Fourteenth Basic Course Workshop	December 18 to 20, 2013	38
15.	Fifteenth Basic Course Workshop	March 5 to 7, 2014	32
16.	Sixteenth Basic Course Workshop	March 19 to 21, 2014	32
17.	Seventeenth Basic Course Workshop	December 3 to 5, 2014	30
18.	Eighteenth Basic Course Workshop	January 27 to 29, 2015	28
19.	First Revised Basic Course Workshop	August 26 to 28, 2015	30
20.	Second Revised Basic Course Workshop	December 15 to 17, 2015	27
21.	First Coordinators' Workshop	January 3 to 6, 2011	15

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22.	Second Coordinators' Workshop	March 2 & 3, 2012	15
23.	Sensitization Workshop on ATCOM Module for In-house Faculty	24 th July 2015	20
24.	First Sensitization Workshop on ATCOM Module	August 25, 2015	30
25.	Second Sensitization Workshop on ATCOM Module	December 14, 2015	27

MCI Basic Courses – Group Photos



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Revised Basic Course – Group Photos



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Advance Courses (Fellowship in Medical Education) Conducted by GSMC KEMH MCI Nodal Centre

Sr. No	Name of the Workshop	Dates	Number of Participants
1.	First Advance Course	October 7 to 10, 2014	29
2.	Second Advance Course	April 6 to 13, 2015	30 + 26
3.	Third Advance Course (Fellowship in Medical Education – FIME)	September 28 to October 6, 2015	30 + 29

First Advance Course – Group Photos



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Second Advance Course – Group Photos



Third Advance Course (Fellowship in Medical Education) – Group Photos



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More than 50 curriculum innovation projects have been implemented as a part of Fellowship in Medical Education conducted by the GSMC KEMH MCI Nodal centre and 30 more are being done currently.

Thus the Department of Medical Education is the hub of educational research activities initiating more than 250 projects as a part of various fellowship programmes and also running other institutional educational projects simultaneously.

The online component of fellowship courses has extended the networking to places and institutes far and wide in the world and increased collaboration amongst fellows.

In **Summary**, the Department of Medical Education at the Seth G S Medical College & KEM Hospital is well established and reputed for quality courses. It has been able to achieve the following:

- Train more than 85% teachers in Institute in basic level of medical education. Every year most of the new entrants of faculty undergo basic training in education
- The department has conducted 12 certificate courses, 20 Basic Courses, 3 advance courses and 11 FAIMER Regional Institute courses
- In addition department also trains residents through various short orientation courses.
- The department had major share in developing departmental as well as university curriculum including assessment systems. Many members are the members of the curricular committee of MUHS and Mumbai University
- Members of the department are on various educational policy making positions at institutional, University and National level
- Members of the department have been and continue to be resource persons at MCI for the UG and PG curriculum & Faculty at National level for implementing VISION 2015
- The department with FAIMER has initiated more than 200 educational development or research projects in the state
- As a part of the MCI Fellowship in Medical Education course, the department has initiated more than 50 educational projects in various parts of Mumbai, Navi Mumbai, Thane and rest of Maharashtra and even Gujarat
- The members of the department have published a book on Medical education as well as bulletins
- The members of the department have contributed to various journals at national and International level as well as participated in International and National conferences
- The department has achieved horizontal integration in preclinical level in the existing system and vertical integration to some extent

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5th National Conference for Health Professions' Education was held at Seth G S Medical College and KEM Hospital in collaboration with Maharashtra University of Health Sciences (MUHS) and Foundation for Advancement of International Medical Education and Research (FAIMER) from 26th to 28th September 2013.

The conference was preceded by 13 half-day preconference workshops on various themes.

There were about 250 participants from India and abroad from various fields of Health Sciences



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Inauguration of the Medical Education Unit Conference Room by Dr. Ved Prakash Mishra, Chairman, Academic Cell, Medical Council of India

**Inauguration of the ME Unit Conference Room
by
Dr. Ved Prakash Mishra**



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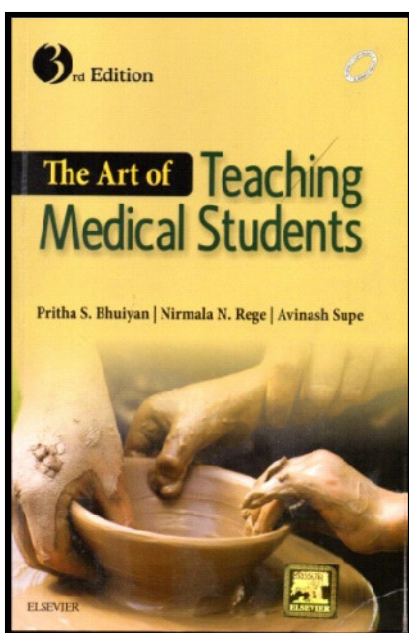
Inauguration of the Department of Medical Education by Dr. P H Shingare, Director, Medical Education and Research, Government of Maharashtra on 1st October 2015



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As a part of celebrations of the 90th year of the twin institutes of Seth G S Medical College and KEM Hospital, the publication of the Department of Medical Education “The Art of Teaching Medical Students, Third Edition” was released at the hands of the Honorable Vice Chancellor of Maharashtra University of Health Sciences (MUHS), Dr. Arun Jamkar at a function held on 14th August 2015. Guests of Honour, Mr. Sanjay Deshmukh, Additional Municipal Commissioner (Western Suburbs), MCGM and Dr. Suhasini Nagda, Director (Medical Education & Major Hospitals), MCGM also graced the occasion.



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To sum up, the Department of Medical Education at Seth G S Medical College continues to work hard to keep up with the pace of changing needs of the students and faculty members. It continues its innovative ways of bringing out improving the training students and thus providing excellent doctors to serve the society.

"Education to be complete, must be humane, it must include not only the training of the intellect but also the refinement of the heart and the discipline of the spirit"

-Radhakrishnan