

Annual Report 2012



Seth G.S. Medical College & King Edward Memorial Hospital
Municipal Corporation of Greater Mumbai





Cardiac Electrophysiology



Urodynamic Study



Extra Corporeal Shock Wave Lithotripsy



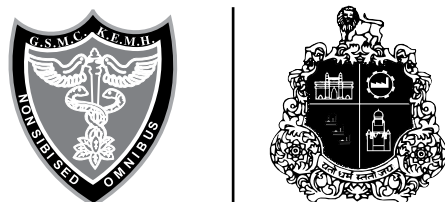
Child Health



Asthma Education Programme



HIV / AIDS Forum Theatre



Seth G.S. Medical College & King Edward Memorial Hospital
Municipal Corporation of Greater Mumbai

ANNUAL REPORT
2012

Concept (Front & Back cover)

Dr. Sandhya Kamath

Dean (Seth G.S. Medical College & KEM Hospital)

Photograph Credits

Dr. Anvita Puranik, Department of Radiology

Shri Uttam Chapte, Artist Department

Publisher

Diamond Jubilee Society Trust

Seth G.S. Medical College & KEM Hospital

Parel,

Mumbai 400 012.

Printer

Urvi Compugraphics

A2/248, Shah & Nahar Industrial Estate,

S.J. Marg,

Lower Parel (West)

Mumbai 400 013.

Tel.: 91 - 22 - 2494 5863

A c k n o w l e d g e m e n t s

Shri Sunil Prabhu

Hon. Mayor of Mumbai

Shri Mohan Mithbaokar

Deputy Mayor of Mumbai

Shri Bala Nandgaonkar

Local MLA

Shri Yashodhar Phanse

Leader of the House

Shri Dyanraj Nikam

Leader of the Opposition

Shri Rahul Shewale

Chairman-Standing Committee

Smt. Gita Ajay Gawli

Chairman, Public Health Committee

Dr. Ram Barot

Chairman-Improvements Committee

Shri Vitthal Kharatmol

Chairman, Education Committee

Smt. Phalguni Dave

Chairperson, Women and Child Welfare Committee

Shri Sitaram Kunte

Municipal Commissioner

Shri Rajiv Jalota

Additional Municipal Commissioner (Project)

Smt. Manisha Patankar-Mhaiskar

Additional Municipal Commissioner
(Western Suburbs)

Shri Mohan Adtani

Additional Municipal Commissioner (City)

Shri Aseem Kumar Gupta

Additional Municipal Commissioner
(Eastern Suburbs)

Shri S.S. Shinde

Joint Municipal Commissioner /
Dy. Municipal Commissioner (Garden and Security)

Shri Sanjay (Nana) Ambole

Municipal Councillor

Smt. Hemangi (Mamta) Chemburkar

Municipal Councillor



The twin institutes of the Seth GS Medical College & KEM Hospital were established in 1926 with a nationalistic spirit to cater to the “health care needs of the northern parts of the island” to be manned entirely by Indians. With a glorious legacy of over 80 years, 10 lakh patients and 50,000 plus surgeries annually, these institutes are among the top ranked in the city and country with the Latin maxim “Non Sibi Sed Omnibus- not for self but for all”, embedded in every heart.

The year 2012 was marked by several achievements. New equipment and services that aided patient care were made possible through funds from the municipal corporation, government agencies and munificent donations of individuals and trustees— a gamma camera, immunohistochemistry testing for patients with breast cancer, a video endoscopy system with magnification facilities, a new mammography unit, a digital radiography machine, a modular operation theater complex along with two intensive care unit facilities, and three new surgical operating microscopes with cameras for ophthalmology. The HIV and Virology services of the department of microbiology were accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL) and the department of transfusion medicine was accredited by National Accreditation Board for hospitals and Health Care providers, Quality Council of India. The latter department was also awarded the best performing blood bank with the highest number of blood collections in the state.

Services are now offered in specialized areas such as acne, psoriasis, vitiligo, hair and Pediatric Dermatology. A Pediatric neurology outpatient clinic has been started. With over 300 publications in the year, the institute is at the forefront of research. The undergraduate students are also not far behind. Several projects have been sanctioned by the Indian Council of Medical Research under their Short term studentship scheme for undergraduate medical students. A glorious paradox of an educational institute is that while the alumni grow old, the Alma Mater grows, forever young. A new hostel building has been inaugurated which is expected to provide accommodation for over 400 students and 20 staff members. This building is equipped with a gymnasium, a community hall, a cyber café, and ATM facilities.

Where do we go from here? Plans for 2013 are already gathering momentum. It is proposed to set up this year- a new Cath lab, purchase a video EEG, expand work on cochlear implants, set up a liver ICU, establish a fetal medicine clinic, put in place computer navigated spinal surgery and arthroplasties, set up patient data archival systems and start several new fellowships. It is hoped that these developments will constructively change the institutes for betterment of patients, greater efficiency of its enormous staff and help sound training of its students and resident medical doctors, not to forget the support staff, nursing school and her alumni. At the end of the day, however, as several thousand patients walk through these hallowed portals each year with hope in their hearts, it will remain our primary responsibility to ensure that they get the best medical care from kind, caring and compassionate physicians, hands that comfort, soothe and heal. In the words of Bob Dole, “When it’s all over, it’s not who you were. It’s whether you made a difference”.

A handwritten signature in black ink, appearing to read 'Sandhya Kamath', with a stylized flourish at the end.

Sandhya Kamath

Dean (Seth G.S. Medical College & KEM Hospital)

E d i t o r i a l T e a m

Editor

Dr. Nithya Gogtay

Associate Editors

Dr. Gita Nataraj
Dr. Lopa Mehta
Dr. S. Kannan

Editorial Assistant

Dr. Saket Thaker

C h a p t e r E d i t o r s

• **Achievements and Highlights**

Dr. Shobna Bhatia

• **Awards and Honors**

Dr. Shobna Bhatia

• **Committees and Societies**

Dr. Nithya Gogtay

• **Community Care**

Dr. Shilpa Sankhe

• **Donations and Grants**

Dr. S. Kannan

• **Education**

Dr. Sunil Karande

• **In the Limelight**

Dr. Gita Nataraj

• **Looking Ahead**

Dr. Gita Nataraj

• **Patient Care**

Dr. Shilpa Sankhe

• **Photographs**

Dr. Anvita Puranik
Shri Uttam Chapte

• **Publications**

Dr. Gita Nataraj

• **Research & Collaborations**

Dr. D.G. Shenvi

• **Support Services**

Dr. Lopa Mehta

Editor's Note . . .



At the dawn of 2013, we are ready to embark on another journey and look forward to yet another foundation day. It is again time to take stock and look at the year that was --- what was achieved, what went wrong, where could we improve and where do we go ahead from here. This annual report in its individual chapters looks at the work, the teaching, the research, publications, awards, achievements and much much more. While the general format of the report has remained the same, it has nonetheless chronicled the numerous changes, minor and major that have taken place in the last 12 months.

The experience of putting this document together has been both humbling and enlightening. A huge thank you is due to Professor Sandhya Kamath, Director- Medical Education and Major Hospitals for her faith and patience in me. This has helped shape the document. I am also thankful to heads of department and staff members for sending information on time. The team that helped me put the report together deserves sincere thanks---- Shobna Bhatia, Uttam Chaptre, Sunil Karande, Bhavna Mhatre, Lopa Mehta, Gita Nataraj, Anvita Puranik and Shilpa Sankhe. Thank you everyone for the effort taken and meeting deadlines.

My thanks are also due to my head of department Professor Urmila Thatte for her inputs throughout the making of the report. I am grateful to colleagues and students of my department- S Kannan, Saket Thaker, Ketki Dhas and Siddharth Deshpande for their relentless efforts at follow up. Lastly thanks are also due to Lakshmesh and Kalpesh at Urvi Compugraphics for painstaking editing, formatting, and inputs in the cover design.

While the compilation has been done over a month with utmost care, its sheer magnitude and diversity may have led to omissions and inadvertent errors. I request the staff members to bear with me.

Efforts have gone into making the document comprehensive, yet discerning. It is hoped that as one sifts through the pages, the quality and quantum of patient care, education and research come through and we look ahead to 2013 with new hope and zest.

Nithya Gogtay

C o n t e n t s

Seth G.S. Medical College & K.E.M. Hospital

• Vital Statistics	3
• Human Resources - Outline.....	4
• Budget	5

Departments

• Achievements and Highlights.....	7
• Awards and Honors.....	15
• Patient Care	23
• Community Care.....	35
• Education	41
• Research.....	49
• Publications	67
• In the Limelight.....	81
• Looking Ahead.....	87
• Donations and Grants.....	95

Committees, Societies, Services and Publications

• Academic Committee.....	103
• Animal Ethics Committee.....	104
• Department Development Fund	104
• Diamond Jubilee Society Trust.....	105
• Gosumec Alumni Association	107
• Hospital Infection Control Committee	108
• Institutional Review Board (IRB).....	108
• Journal of Postgraduate Medicine (JPGM).....	113
• Medical Education Unit.....	113
• Mumbai Breast Feeding Promotion Committee	114
• ORACON- Congress of Orations.....	114
• Research Society.....	115
• Staff Society	116
• Telemedicine.....	116
• Womens' Development Committee	117
• Working Committee for the Prevention of Sexual Harrassment at workplace.....	118

Support Services

• Diet, Linen, Laundry and Tailoring.....	121
• Engineering (Mechanical and Electrical)	121
• Gymkhana	122
• Library.....	123
• Medical Record Office	123
• Pharmacy.....	123
• Poor Box Charity Fund (PBCF).....	123

Human Resources (Details).....	125
---------------------------------------	-----

Students (Exam Results and International Observers)	131
--	-----

Contact Information	135
----------------------------------	-----

Seth G.S. Medical College & K.E.M. Hospital

Seth G.S. Medical College & K.E.M. Hospital

Vital Statistics

S. No	Description	Year - 2012
1	Bed strength	2288
2	Total admissions	87,832
3	Average daily admissions	240
4	Total number of OPD cases - new	6,45,339
5	Average daily OPD attendance – new cases	2144
6	Total number of OPD cases - old	11,21,801
7	Average daily OPD attendance – old cases	3727
8	Total Outpatient Attendance – old + new	17,67,140
9	Daily average of OPD attendance – old + new cases	5871
10	Total number of surgeries and procedures	69,465
	Major	28,511
	Minor	31,370
	Endoscopies	9584
11	Total deaths	6966
12	Death rate	7.93%
13	Total attendance in casualty	2,11,857
14	Total number of medico legal cases	34,559
15	Total number of in patient days	6,03,380
16	Daily average of bed occupancy	1649 (72%)
17	Average length of stay of an in patient	6.87 days
18	Total births	8271

Human Resources - Outline

K.E.M. Hospital Staff

Medical Staff

1. Director (ME&MHs)	1
2. Academic Dean	1
3. Deputy Dean	1
4. Assistant Dean	2
5. AMO	14
6. Residents	885

Superior Staff

1. Administration	127
2. Engineer & Maintenance	9

Para-Medical Staff

Nursing Staff	980
Student Nurses	414

Labour Staff

Permanent	1812
-----------	------

Seth G.S. Medical College

Full Time Teaching Staff

1. Professor	85
2. Associate Professors	130
3. Lecturers / Tutors	169

Honorary Teaching Staff

Superior Staff

1. Head Clerks	6
2. Clerical Staff & R.A.	71
3. Scientific Officers	3
4. Laboratory Technicians	28
5. Laboratory Assistants	21
6. Laboratory Attendants	25

Undergraduate Medical Students

753

School of Physio & Occupational Therapy

1. BO Th	46
2. BP Th	40

Post Graduation

1. MD/MS	391
2. DM/MCh	99
3. MSc by paper	12
4. MSc by Research	23
5. MO Th	20
6. MP Th	20
7. PhD	22

Medical Diploma

162

Fellowships & Certificate Courses

25

International Elective Students

40

B u d g e t

Year 2011-1012

S. No	Account Head	(In Thousands)
	Establishment expenses	
1	Basic pay (Supervisory and Subordinates)	168089
2	Incentive bonus (Supervisory and Subordinates)	14286
3	Basic pay (Labour, Technical and Others)	134145
4	Incentive bonus (Labour, Technical and Others)	14966
5	Dearness Allowance (Supervisory and Subordinates)	118534
6	House Rent Allowance (Supervisory and Subordinates)	52990
7	Conveyance Allowance (Supervisory and Subordinates)	182
8	Leave, travel Assitance (Supervisory and Subordinates)	4484
9	Municipal Medical Allowance (Supervisory and Subordinates)	2696
10	Other Allowance (Supervisory and Subordinates)	10899
11	Dearness Allowance (Labour, Technical and Others)	90908
12	House Rent Allowance (Labour, Technical and Others)	40613
13	Leave, travel Assistance (Labour, Technical and Others)	2467
14	Municipal Medical Allowance (Labour, Technical and Others)	3279
15	Other Allowances (Labour, Technical and Others)	3571
16	Leave Encashment	19783
	Total Establishment Expenses	681892
	Administrative Expenses	
1	Property taxes/Municipal taxes	5772
2	Office Electricity expenses	6732
3	Official Telephone expenses	1483
4	Postage expenses	64
5	Stationery	1417
6	Photocopying expenses	119
7	Conveyance	70
8	Membership fees for various organizations/Associations	44
9	Miscellaneous Administrative expenses	548
	Total Administrative expenses	16289

	Operation and Maintenance Expenses	
	Account Head	(In Thousands)
1	Clothing	2508
2	Laboratory equipments	153
3	Diet and Nutrition supplements	18562
4	Linen	3520
5	Chemical	18162
6	Instruments	11300
7	Equipments	63
8	Ayurvedic Medicines	4800
9	General Civil Repairs – Hospitals/Health	59778
10	Consumption of Stores/Spares-Hospitals/Health	9402
11	General Civil Repairs – staff quarters	5640
	Total Operation and Maintenance Expenses	83888

KEM Hospital

	Total
Expenditure	
Establishment	681892
Administrative expenses	16249
Total operation and maintenance expenses	33888
Total	782029

Achievements and Highlights

Achievements and Highlights

Anatomy

- The Department has taken the initiative and introduced the Foundation Course which is a part of Vision 2015 of the Medical Council of India in its routine teaching program for the undergraduates.
- Second “Intercollegiate quiz for 1st MBBS students was conducted.

Anesthesia

- Started Pain Clinic.
- CPR – ACLS conducted on every Tuesday and Friday for medical and paramedical personnel throughout the year.
- One year fellowship course started with approval from MUHS – Cardiac Anesthesia, Neuro Anesthesia and Pediatric Anesthesia.

Biochemistry and Clinical Nutrition

- Coordinated Shidori 2012 and also conducted the 8th Certificate Course in Good Clinical Laboratory Practices.
- Dr SP Dandekar was awarded Fellowship of FAIMER, Philadelphia (Fellowship of Advancement in Medical Education and Research) and also coopted as Member Board of Studies (Preclinical) at MUHS; and Board of Studies in Biochemistry, Mumbai University.
- Collaborations with NIRRH, IIT Mumbai and TIFR were established.

Cardiology

- Established a Chest pain registry.
- Procedures in new cath lab have crossed 3200.
- More than 260 angioplasty procedures.
- Performed a novel procedure- left atrial appendage closure by transcatheter route in patients with atrial fibrillation – first time in Mumbai for preventing thromboembolism.
- Collaboration with the American College of Cardiology for digitizing and systematically storing the data of all patients attending our OPDs.

Chest Medicine

- ‘Drug Resistant Tuberculosis’ Workshops on Managing Drug Resistant Tuberculosis for Medical officers (Dispensaries) and AMO (Health posts) during the month of January 2012 and a total of 433 participants were trained.
- An Essay Competition for medical students and post-graduate residents was held to commemorate “ World TB Day -2012”.
- The Environment Pollution Research Center, studied 3432 individuals from Borivali, Vikhroli, Khar, Kanjur marg, Bhandup and Andheri to assess respiratory morbidity due to effect of air pollution.

Clinical Pharmacology

- Setting up of pilot services for warfarin pharmacogenomics clinic. 120 patients seen and drug therapy individualized.
- Conducted Vigiflow training program for technical associates of the National Pharmacovigilance program of India.
- Organized Workshop on meta-analysis – Oct 2012 – trained 50 participants from all over the country.
- The Indian Council of Medical Research recommended a pharmacogenomic project on clopidogrel use for funding.
- 100% results in DM Clinical Pharmacology.

CVTS

- Individualization of warfarin dosages based on genetic analysis were done for valve replacement cases.

Dentistry

- Doubling of cases of root canal treatment.
- Aesthetic dentistry: Use of good quality composite and treatment of patients with zirconia crowns.

- Full mouth re-habilitation cases undertaken.
- Initiation of use of dental implants and prosthetic re-habilitation.
- Undertaking dental extractions in pediatric patients under general anesthesia prior to their cardiac surgeries.

Dermatology

- Institution of a Fellowship in Diagnostic Dermatology under the aegis of the Maharashtra University of Health Sciences.
- Pioneering Dermatopathological teaching and consultation in India.
- Special clinics – acne, psoriasis, vitiligo, hair clinic and pediatric dermatology.
- Procurement and use of the Multiplatform harmony laser machine which has revolutionized the treatment of previously untreatable diseases such as hirsutism, acne scars, psoriasis, and stable vitiligo.

Endocrinology

- 32 medical officers were trained from Peripheral Health Centres for Diabetes Management.
- Organized a conference on “Neuroendocrinology : Expanding Horizon”.
- Organized several CMEs on update on diabetes management.

ENT

- Enhanced work on Cochlear implants and laryngotracheal stenosis surgery.

Forensic medicine

- Conducted trainings to encourage and improve cadaveric organ donations.

Gastroenterology

- Acquired a Video endoscopy system with magnification from MCGM funds. It is the first such system in MCGM.
- Started Health workers safety programme on Hepatitis B vaccination in collaboration with Department of Microbiology for health care personnel of KEM Hospital.
- Individualization of doses of warfarin.

GI Surgery

- Department installed modular OT complex along with 2 ICU facilities.
- Three Cadaveric liver transplants were carried out.

Hematology

- Comprehensive Hemophilia Care center.
- Day care center for thalassemia major, aplastic anemia, coagulation disorders and leukemias.

Medicine

- Organized Ultrasound in Critical Care Training Programme.
- Conducted Critical Care Training Programme.

Microbiology

- Obtained NABL accreditation for the following serological and immunological tests performed in the virology and immunology division – HIV antibody detection using both rapid and ELISA formats, CD4 count estimation, HCV antibody detection by ELISA, HBsAg detection by ELISA and RPR test. This accreditation is valid for two years and will be renewed independently.
- Performed consistently well in the EQAS administered by Indian Association of Medical Microbiologists.
- ICMR approval has been obtained for an ad-hoc project titled “Molecular characterization of clinical isolates of Groups A, B and C streptococci from urban slums of Mumbai and Adivasi population of Maharashtra with special reference to multilocus sequence typing (MLST).

Neonatology

- Recognized as the regional “Regional Collaborative Center for facility based newborn care” under National Reproductive and Child Health Program of Ministry of Health & Family Welfare, GOI.
- Conducted 8 Facility Based Newborn Care Observership Training programs of 14 days each for pediatricians & nurses from Orissa & Rajasthan.

Nephrology

- Only center to offer 24 x 7/365 emergency dialysis services and accepts patients who are HIV/HBsAg/HCV positive.
- Recognized center for live related transplants. The number has crossed 500 since inception.
- Plasmapheresis for Guillian Barre syndrome and antibody mediated rejection.
- 100% results for the DM Nephrology course.
- Installed 4 new hemodialysis machines with facilities for on line urea monitoring and non-invasive blood pressure monitoring.

Neurology

- Corticography and Cortical dysphasia surgery in adults were initiated.
- In collaboration with neurosurgery department “Deep brain stimulation” was performed for Parkinson’s patients.
- Pediatric Neurology OPD was started.

Neurosurgery

- Dr. Aadil Chagla was conferred Honorary guest of the Vietnamese National Congress of Neurological Surgeons for the year 2012.

Nuclear medicine

- Installed a new gamma camera (Siemens Symbia dual head).

Nursing (College and Hospital)

- Lecture on the ‘Role of Nurse in Hospital Infection control’ was organized for hospital nurses in Feb. 2012.
- A Quiz competition was organized in association with Nestle on “Nutrition in first 1000 days”.

Obstetrics and Gynecology

- Extra peritoneal myomectomy was initiated.
- Several workshops on various topics were conducted.

Occupational therapy

- Acute, sub acute and late rehabilitation care for a wide range of disorders.
- Departmental members organized various CMEs and workshops.

Ophthalmology

- Patient Care –Slit lamp and 3 new surgical operating microscopes with CCT camera were purchased.

Orthopedics

- Protocolled the management in subspeciality of spinal surgery, arthroplasty and arthroscopy.
- Conducted various academic activities and workshops in the year 2011 in the field of Spine, Arthroplasty, Arthroscopy, Pelvi-acetabular.

Pathology

- Upgradation & Automation of the Surgical Pathology Cytology, Cardiovascular pathology and Hematology Departments for better services and timely delivery of reports.
- Established Immunohistochemistry tests for breast cancer patients and tumor typing.
- Participating in External Quality control program for hematology, histopathology with AIIMS and lipid and enzyme biochemistry with CMC Vellore and Randox Laboratories, and EQAS for cytopathology with Tata Memorial Hospital.

- International CME in Cytopathology' on 28th -29th January, 2012 with participation of over 180 delegates from all over the country.
- CME on "Preliminary steps to autopsy techniques" on 8th December 2012, for the first year postgraduate students registered for MD Pathology in all the teaching institutes of Mumbai.

Pediatric Surgery

- A live operative workshop was organized in January 2012.

Pediatrics

- PICU was renovated and newly opened.
- 3rd International Rare Disease Day was organized jointly along with the Lysosomal Storage Disorders Support Society (LSDSS) of India at Nehru Science Center, Worli, Mumbai.

Pharmacology & Therapeutics

- "A. S. Paranjpe Pharmacology Intercollegiate Quiz" for II MBBS undergraduate students from Mumbai zone was organized and a batch trained by the departmental members bagged the trophy.
- Team of II MBBS students of Seth GSMC & KEMH, August 2010 batch won the "Pharmacology Undergraduate State level quiz", organized on 4th February 2012, at MIMER, Talegaon Dabhade.
- The faculty members and 2nd and 3rd year residents completed "Advanced GCP Workshop" conducted by Dr Arun Bhatt, ClinInvent Research Pvt. Ltd.
- The faculty members conducted 3 day workshops on Research Methodology & Biostatistics.
- Dr. Sharmila Jalgaonkar was selected for the GSMC-FAIMER fellowship.

Physiology

- Late Dr. Dharani's Cash prize of Rs. 5000 awarded to Dr. Geeta Jagia for standing 1st in university exam of M.D. Physiology, amongst the students of G.S.M.C.

Physiotherapy

- Commencement of Ph.D Programme in physiotherapy.

Plastic Surgery

- Round the clock Emergency Services for Maxillofacial injuries, Hand injuries, Skin cover for upper and lower limbs, re-plantation and Revascularization of limbs and digits and acute burns in adult females.
- Specialized clinics – comprehensive hand clinic, maxillofacial clinic and breast clinic.

Preventive and Social Medicine

- Developed independent web-site with linkages with institutional set-up and relevant public health sites.
- Regular monthly Optometry Camps started in collaboration with Lion's Club, Malad since Jan 2012 benefitting 400 patients for optometry and 150 patients with subsidized spectacles.
- Programme on Deaddiction in collaboration with Department of Psychiatry, KEMH at MUHC on 23rd Feb 2012.
- New services at Malwani urban health centre- screening of child contacts of Sputum Smear positive TB patients with Mantoux Test Reagent; regular growth monitoring of all children on INH Prophylaxis in the Under-Five Clinic at the centre; and regular weekly sessions on breastfeeding to the mothers in the PNC ward of Maulana Azad Maternity home.

Psychiatry

- Methadone Maintenance Clinic was inaugurated for Opioid Dependent patients at deaddiction centre. The clinic is aimed at providing substitution therapy for patients battling intravenous drug use. This is in collaboration with United Nations Office Of Drug And Crime (UNODC).
- Mental Health Week was celebrated in Oct, 2012 and "A Walkathon" was organized for senior citizens. This was followed by a presentation on "Music for the Mind" on caring for senior citizen.
- Yoga Therapy Program was inaugurated in December 2012.

- Deaddiction Day was celebrated on 26th June 2012 wherein community awareness program with poster exhibition and street play at Raey Road railway station were performed.
- Indo – British workshop on “Learning Objective Focused Teaching Interventions in Psychiatry for medical students” for psychiatry faculty in Jan 2012.
- CME on Neuroimaging in Psychiatry on 30th March 2012.
- CME on Depressive Spectrum disorders in Medical illnesses for physicians on 9th October, 2012.
- De addiction training program for general duty doctors at KEM de addiction centre under the aegis of Ministry of Health & Family Welfare during February 2012.
- Training program under the aegis of Global Funds – Round 9 (HIFAZAT) for doctors and nurses working at IDU TIs of NACO (on Opioid dependence and co morbidities related to IDUs).
- “Dr. V.N.Bagadia” Oration delivered by Dr. Mohan Aagashe on “Media And Mental Health”.

Radiology

- Installed a new Mammography unit for Screening of Breast Cancer.
- Installed a new Direct Radiography (Digital Radiology or DR) machines.

Surgery

- Comprehensive breast care services including mammography were set up.
- Successful rare surgery (periapulmo-jejunal anastomosis with antrectomy) and recovery of a young boy.

Transfusion Medicine

- Awarded NABH accreditation by the National Accreditation Board for hospitals and Health Care providers, Quality Council of India up to 2015. This is the first public hospital in Maharashtra to get this accreditation.
- Providing single donor platelets particularly for patients suffering from monsoon related illnesses.
- Awarded as the Best Performing Blood Bank with highest number of blood collection in Maharashtra State by MDACS, on the occasion of world AIDS Day on 1 Dec 2012.

Urology

- Started offering laparoscopic procedures such as laparoscopic ureterolithotomies, nephrectomies, pyeloplasties, VVF repairs and orchidopexies.
- Initiation of the advanced laparoscopic program along with advanced oncology and reconstructive surgical program.
- The only Department in Maharashtra performing laparoscopic donor nephrectomy.

Awards and Honors

Awards and Honors

Anatomy

- I MBBS Students won the first prize in the “Intercollegiate Anatomy Quiz- 2012”.

Anesthesia

- First prize for Paper Presentation ISA Mumbai Branch, Nair Hospital : Rajkumar GB, Dalvi P, Sarkar M, Garasia MB.

Cardiology

- Modani SM - 1st prize : paper on Immediate and Mid term outcome of Transcatheter closure of coronary cameral fistula-Angiographic follow-up (staff society meet of the institute).
- Agrawal AA - 2nd prize in poster presentation-“Short-term and midterm follow up of patients with hypertrophic obstructive cardiomyopathy undergoing Percutaneous Transluminal Septal Artery Ablation”-at scientific meeting of staff society Seth GSMC.
- Agrawal AA- 1st in D.M. Examination.

Chest Medicine

- 3RD prize for Poster Presentation - Study of determining prevalence of asthma and environmental factors (Project funded by NEERI) at International Conference-Green Health, Sep 2012.
- First prize won in Essay competition held on World TB day - by Shradha Bhagwat.

Clinical Pharmacology

- Gogtay NJ was awarded Dr VR Joshi award for being a best referee for the Journal of Association of Physicians of India for 2012.
- The department was recognized as a preferred research center for health economics and outcomes research in collaboration with Pfizer Ltd.
- Deshpande S and Gawai V successfully completed one year fellowship course in Drug Development under the aegis of MUHS in Aug 2012.

Dentistry

- Pai N was invited as faculty for the 5th National Workshop on changing trends in Oral and Maxillofacial surgery, invited as a judge for the scientific poster presentations at the 37th Annual Conference of Association of Oral and Maxillofacial surgeons of India and appointed as Treasurer of Maharashtra State Chapter of Association of Oral and Maxillofacial surgeons of India (MSC-AOMSI).
- Sathe V won the gold medal at the women's doubles badminton competition organized by IDA, Mumbai branch in August 2012.

Dermatology

- Khopkar U: Received Dr. Shobhanadri Oration Award at AP State Cuticon 2012.
- Dongre A: 1st Prize in Dermatopathology Self assessment (International Dermatopathology conference, Mangalore Aug 2012).
- Thomas M: 1st prize (poster) at International Dermatopathology conference, Mangalore Aug 2012.

Endocrinology

- Best Poster award in ESICON 2012 for “Utility of late night salivary cortisol in Cushing's syndrome and normal population.” by Amol Bukan.
- Third prize for oral presentation in ESICON 2012 “ Autoimmune hypophysitis: single center experience” by Shruti Khare.
- Varsha Karande Patil got the “ Best resident” award for the year 2012.

- Dept. chosen as the international center for the US Endocrine Society for Ambassador exchange programme to be held in Jan 2013.

ENT

- Best paper presentation consultant Award for paper on Fixation of nasal bone graft using iliac crest bone graft: Mumbai Technique received in national Larygology & AOI Mumbai branch conference.
- Prasad R: PG Paper award IIInd Prize at staff society meet of the institute.

Gastroenterology

- 2nd prize for research paper in INASL at ISGCON 2012 at Jaipur for poster on: Chronic HBV infected subjects more than 35 years with persistently normal ALT and USG, despite high viral load, do not have significant fibrosis.
- Dr. Chirag Shah first in DM exam.

GI surgery

- Supe AN : Felicitated by Parliament speaker and Minister for Health – Govt. of India – national Board best teachers award. 1st February 2012, felicitated at Photographic Society of India for Hon Membership Jan 2012, and Centurion donor award, Ministry of Health.
- Pujari S- Best Poster – Masicon 2012 Pune and Ahmedabad.
- Rayate A – Best paper award – Masicon 2012.

Medicine

- Pazare AR – awarded fellowship of India College of Physicians.
- Salagare SB - Honored with M.B.A.(Hospital Administration) degree on 25th November 2012. Also awarded first and second prize in HSICON 2012.

Microbiology

- Dr. Archana Garg received the 1st prize for quiz in Parasitology update at Haffkine Institute, 1st prize for quiz in TROPACON, Nagpur, 1st prize for quiz in TPC meet at J J Hospital, 1st prize for quiz in Maharashtra chapter conference at BYL Nair Charitable Hospital and 3rd prize for quiz in TPC meet at BYL Nair Charitable Hospital.
- Dr. Shreshtha Tiwari was awarded a prize for essay competition on “Zero deaths from TB” held on world TB day 2012; best oral paper award for paper titled ‘Evaluation of SD bioline TB antigen MPT 64 rapid for differentiation of MTB and NTM’ in conference at KMC Manipal; 1st prize for quiz in Mycology in TPC meet at Sion Hospital and 2nd prize for quiz in Parasitology in TPC meet at JJ Hospital.

Neonatology

- Nanavati R : International Board Certified Lactation Consultant, National Expert of Facility Based Newborn Care Project, National Advisor for IX International Conference on KMC organized by International Network of Kangaroo Mother Care, member of National Expert Group to form Operational Guidelines on Developmental Screening & Early Intervention for children with disability & developmental disorder, Member of India Child Health LiST Expert Group of Ministry of Health, Section Editor for Neonatology Section of IAP Colour Atlas.

Nephrology

- Keskar V won best poster award at Annual Conference of Indian Society of organ transplantation for his poster” Late CMV gastritis in renal transplant recipients. He also won 2nd prize for his paper presentation at Indian society of nephrology WEST Zone conference at Aurangabad.

Neurosurgery

- Guest speakers at the Vietnamese National Congress of Neurological Surgeons.

Nursing (college and hospital)

- Mayor and Commissioner’s awards – Sister in charge Preeti Diwadkar, student nurses Jaya Mestry and Rekha Pawas.

- Matron, Two assistant Matrons, House Keeper, three Sister-in-Charges and eight staff Nurses received 'Best Nurse Award' which were sponsored by Mr. Talyarkhan, J.J. Group of Hospitals.

Obstetrics and Gynaecology

- AOGIN Hong Kong Best Poster Prize: "Prevalence and Patient Experience with Condylomata Acuminata in India", awarded at AOGIN Conference, Hong Kong, July 2012 (Chauhan AR).
- Best Paper Prize "Pap smear abnormalities in patients with STI" at the 40th Annual Conference of MOGS, Mumbai, January 2012, (Hemalatha CR, Dr. Chauhan AR).

Occupational therapy

- Kale JS - Elected as a Executive Committee Member of Academic Council of All India Occupational Therapist's Association (AIOTA) for the year 2012 to 2016, Elected member of an Editorial Board of Indian Journal of Occupational Therapy (IJOT), member of Maharashtra State Council of Occupational and Physiotherapists.
- Ferzandi ZD: Elected as a Vice President of AIOTA for the year 2012 to 2014, a Executive Committee Member of AIOTA for the year 2012 to 2016, Editor of Indian Journal of Occupational Therapy for the year 2012 to 2014.
- Solanki PV - Editorial Board Member for IJOT.
- Palsule SP - Convenor of Mumbai Branch of AIOTA for the year 2012 - 2014.
- Jain VV: Executive Member of Mumbai Branch of AIOTA for the year 2012 – 14.
- Student awards - First B.O.Th: Simoni Dilip Parikh, Second B.O.Th: Athira Sreekumar & Aparna Satish Udiaver, Third B.O.Th: Vrushali Shripad Kulkarni, Fourth B.O.Th: Mamta Jagdish Gupta, M.O.Th. (Musculoskeletal Sciences): Raviraj Shetty.
- Joijode SS, Grishma Kothari, Siddhi Labde, Harshali Jain & Shruti More: Won 3rd Prize for Poster Presentation titled "Occupational Therapy Intervention in Breast Cancer patients following modified radical mastectomy" at BREASTCON-2012.

Ophthalmology

- Dr. Arjun S. Ahuja, Prof and Head – received MCh Ophthalmology degree from USA.

Orthopaedics

- Sheth M (Resident)- won the first prize for paper presentation at TRINITY 2012, The Post Graduate Medical Students Conference at LTMG, Hospital, Mumbai for work on "Results of single bundle verses double bundle reconstruction of the anterior cruciate ligament: functional outcome and stability".
- Mohanty SS - Awarded Fellowship of American College of Surgeons (FACS-USA) and awarded Fellowship of International College of Surgeons (FICS-USA).

Pathology

- Dr. Mona Aghnihotri received prize for best Oral Paper at 42nd Annual conference of Indian academy of Cytologists (IAC) Cytocon 2012, Bhubaneswer.
- Dr. Priti Rege won 1st prize in poster presentation.
- Dr. Jaya Kharat Won 1st prize in oral cytology paper "Impact of ancillary tests and utility of Bethesda reporting system on thyroid FNACs" at MAPCON 2012, Amarawati.
- Dr. Prachi Chaudhari received 1st prize and Dr Sonali Susmita Nayak received 2nd prize at PG quiz at TPC, Sion Hospital.
- Dr. Subhash Yadav 1st prize at PG quiz at TPC, Nair Hospital.
- Dr. Ratnaprabha Ghodke won prize in quiz on Hirschsprung disease at Bangalore CME on Hirschsprung disease and allied diseases.
- Dr. Richa Juneja received 2nd prize at national level hematology quiz held by ISHTM.
- Dr. Nikhil Rabade received 3rd prize in hematology state level quiz held by ISHTM
- Dr. Ajay Phadke and Dr. Alvin Alva received 1st prize in state level Pathology quiz held by Vidharbh Association of Pathologists and Microbiologists at Nagpur.

Pediatric surgery

- First prize for best paper on Laparoscopic Pyloromyotomy: (Mumdada D, Shetty S).
- Maharashtra State Chapter : Nagpur Award of Excellence for saving the life of Baby Niharika - Second prize for best paper : Laparoscopic Pyloromyotomy.

Pediatrics

- Momin S (Resident Medical Officer) won 2nd prize in Quiz competition held at Puri, Orissa in ISHBT National Hematology Conference (conducted on 11th Nov. 2012).
- Tullu MS. Award Paper A study of Ventilator Associated Pneumonia in a Tertiary Care Pediatric ICU. MahaPedicon 2012 (23rd Annual Conference of Maha Academy of Pediatrics) October 2012.
- Mehta C: Completed training for Maharashtra University of Health Sciences accredited Fellowship in Pediatric Intensive Care of the Department of Pediatrics.
- Momin SR, Kadam PP, Gogtay NJ, Thatte UM, Karande S . Single dose pharmacokinetics of primaquine in children with P.vivax malaria (Won Third Prize for PG Award Paper, staff society meeting).
- Sahana Shankar (Resident Medical Officer) was awarded First prize in Essay Writing Competition organized by IAP (Indian Academy of Pediatrics).
- Sahana Shankar (Resident Medical Officer) was awarded Third prize in Essay Competition on "A World Free of Tuberculosis" held on "World TB Day" on 2^{4th} March 2012, organized by the Department of Chest Medicine & EPRC.
- Purva Kanvinde (Resident) was awarded first prize and Abhamani Baro (Resident Medical Officer) was awarded second prize in ORS Poster making competition (on 23.07.2012) held at Seth G.S. Medical College & KEM Hospital.

Plastic surgery

- Department has received the APSI grant for conducting workshop in Plastic Surgery in year 2012.

Physiology

- Late Dr. Dharani's Cash prize of Rs. 5000 awarded to Dr. Geeta Jagia for standing 1st in university exam of M.D. Physiology, amongst the students of G.S.M.C.
- Late Dr. Dharani's Cash prize of Rs. 1000 was awarded to Kasale Mithili M for standing 1st in Physiology in 1st M.B.B.S. exam conducted by university, amongst the students of G.S.M.C.
- Diploma in Counselling was awarded to Dr. Hitesh Modak by Tata Institute of Social Sciences, Mumbai on 21st August 2012.

Physiotherapy

- Kartikee Shirodkar Fourth B.P. Th student: Gold Medal in state Aerobic Gymnastic championship, 2011-12.

Preventive and Social Medicine

- Shinde RR. President, Mumbai Branch of IAPSM, Recognised as Ph. D guide for SNDT university and Indraprasth University, Delhi.
- Bhate K : Felicitation and award by the Mumbai Mayor to Dr. Bhate on 8th March for the work in Savitribai Phule Gender Resource Centre of MCGM and Felicitation by WDC of Mumbai University.
- Hadaye R : Secretary, Mumbai Branch of IAPSM.

Psychiatry

- Dr. SR Parkar bagged the Best research Publication National award by Indian Psychiatric Society for the paper "Gender, suicide, and the socio cultural context of deliberate self-harm in an urban general hospital in Mumbai, India".

Radiology

- Deshmukh H adjudged as the Top Presenter amongst all International Physicians at the Annual VIVA Conference held in October 2012 at Las Vegas.
- Pauranik A was the only resident-in-training from India to be selected for a fully-funded Introduction to Research for International Young Academics program (IRIYA) during the annual conference of Radiological Society of North America at Chicago.

- Certificate of merit awarded to - Clinical Presentation, Imaging Spectrum and Endovascular Management of Distal Cerebellar Aneurysms: sanghavi PS, Limaye U, Saraf R, Shah H, Sannannja B.
- Cum laude Award given to Decoding the updated classification of Congenital Cochleovestibular Malformations by using the Algorithm of Embryology: Baheti A, Kumbhar S, Nagure P, Kumar A, Shah H, Raut A.
- S Sankhe was elected for the post of Assistant Editor for Journal of postgraduate Medicine (JPGM) from July 2012 to June 2016.
- Inthulan Thiraviraj and Lohith Ambadipudi won 1st and 2nd prize respectively for their presentations in the Radiology Teaching File meet.

Surgery

- Deshpande A conferred fellowship of advanced laparoscopy by the Indian Association of Gastrointestinal Endosurgeons.
- Dr. Abhay Dalvi was declared President of the Association of Surgeons of India - Maharashtra State Chapter
- Dr. Abhay Dalvi was elected as Honorary Secretary of the Indian Association of Gastrointestinal Endo-Surgeons (IAGES)
- Dr. Abhay Dalvi was invited to be on the Executive Committee of Association of Minimal Access Surgeons of India (AMASI).
- Paper by Dr. Sachin Bhujbal is selected to be presented in Award category at ASICON 2012.
- 1st prize for poster in MICROCON , a state level conference 'Post laparoscopy Surgical abdominal wall Zygomycosis due to Apophysomyces elegans in an immunocompetent patient – A case report' Dr. Shweta Raut, Dr. Millind Ubale, Dr. Shashir Wanjare, Dr. Awnai Koticha, Dr. Varsha Kulkarni, Dr. Pravin Shinde, Dr. Priti Mehta

Transfusion medicine

- The Department of Transfusion Medicine has been awarded as the Best Performing Blood Bank with highest No. of blood collection in Maharashtra State by MDACS, Mumbai on the occasion of world AIDS Day on 01/12/2012.

Urology

- Best Paper award by Staff Society. Early TURP in BPH patient: Sanjaya Swain.

Patient Care

Patient Care

Anesthesia

- Anaesthesiology department catered to 43 operation theater tables located in 15 OT complexes. Services were given to 63,000 patients and 25,000 OPD patients for pre-operative evaluation.
- The department has special post-operative pain relief services and anaesthesia intensive care unit.

Biochemistry

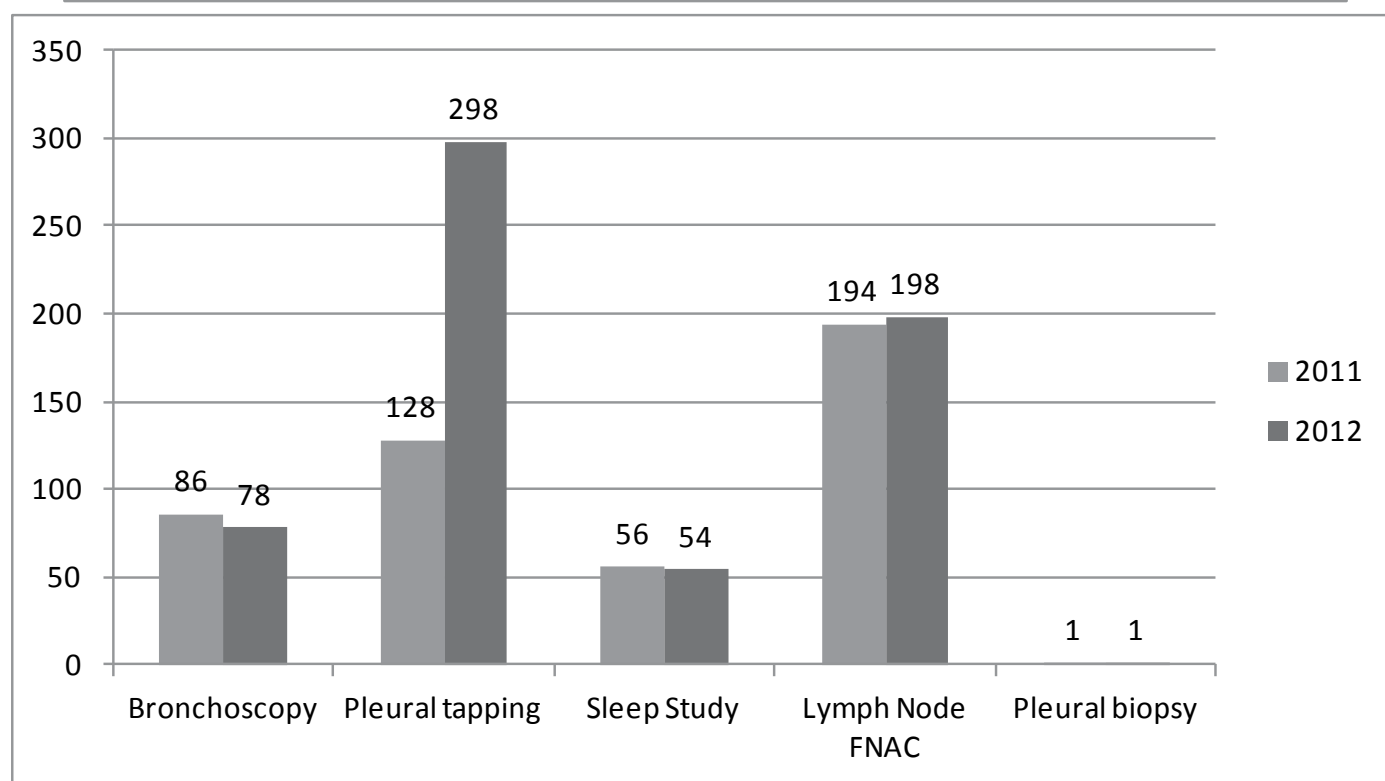
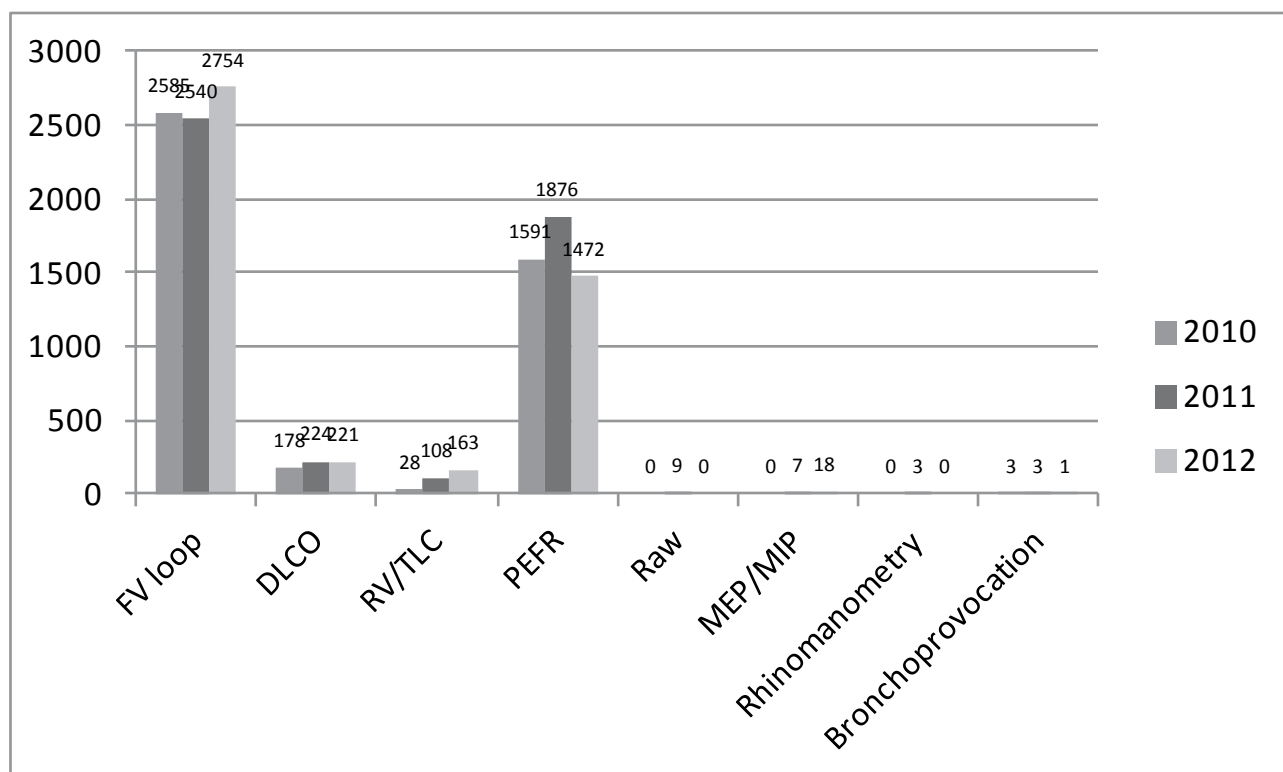
- Central Clinical Biochemistry Laboratory (CCBL) has offered 13,48,267 biochemical tests and 8,83,642 were performed in EMS lab

Cardiology

- The total Procedures done in Cath Lab (Philips) were 2536 of which 1633 were coronary angiography, 12 – check angio, 80-diagnostic cath, 266-BMV, 22-BPV, 16-BAV, 29-ASD DC, 29-PDA Amplatzer device closure, 2-PDA cocoon device closure, 4-RSOV DC, 4-coarctoplasty, 275-PTCA with stent, 37-PPI implantation, 11- AICD, 5- pacemaker explantation, 1- pacemaker (battery replacement), 23-electrophysiology study, 81-electrophysiology study and radio frequency ablation, 1-coronary cameral fistula, 1- EP+PPI, 4-CRT-D
- The total procedures done in Cath Lab (Mobile Siemens) are 610 of which 482 – coronary angiography, 33 – EPRFA, 67-PPI, 8-EPS, 5-PPI explantation, 15-PPI replacement.
- Total No. of patients admitted in ICCU: 1408, CST: Total no. of patients done: 2485. 2D ECHO/CD: Total no. of patients done : 5632, ECG: EMS – 70210, CVTC – 25219, CVTS OPD : 11326.

Chest medicine

- The total numbers of admissions were 1126 out of which 246 patients required Intensive Care. The out patient clinics are run twice a week. The total numbers of new patients seen till date are 6628; while total number of follow-up patients were 16284.
- Amongst the total Pulmonary function tests performed, 2754 – FV loop, 221-DLCO, 163-RV/TLC, 1472-PEFR, 18-MEP/MIP, 1-Bronchoprovocation.
- A total of 70272 Arterial Blood Gas analysis were performed.
- A total of 133 allergen tests were performed. 246 patients required Intensive Care. The total number of deaths in 2012 is 24. The mortality rate is 2.13%
- Total admissions – 1126 (IRCU-246; Ward – 880)
- Total OPDs – New – 6628 and old - 16284
- Procedures performed: 78- Bronchoscopy; 298 –pleural tapping; 54 – sleep study; 198 – lymph node FNAC; 1 – pleural biopsy; BAL -12; TBB – 6; Brushings – 21; Mass/mucosal biopsy -1; TBNA -1; CT guided biopsy -1.
- DOTS Plus services for treatment of MDR pulmonary patients has been started at Sewree T.B hospital since July 2010 and a total of 800 patients were enrolled.
- The dept also undertook Therapeutic Broncho-Alveolar Lavage for patient of Pulmonary Alveolar Proteinosis (5 Sessions) under General Anaesthesia in Thoracic OT.
- Under Rajiv Gandhi Jivandayi Arogya Yojna (initiated by KEM Hospital in July 2012), 62 patients have benefitted till date.
- New Services Added: A specialty OPD was started to cater for Asthma patients on Saturday afternoons in addition to existing Monday & Thursday Chest Clinics. (By appointment only)



Clinical Pharmacology

- Therapeutic drug monitoring (TDM) services- A total of 2646 patients were seen. There were 1169 follow up patients and 1477 new patients. Blood level estimations were done for phenytoin, phenobarbitone, carbamazepine, carbazepine epoxide, valproic acid and lamotrigine.
- In collaboration with the department of cardiology, cardiovascular and thoracic surgery and gastroenterology, 120 patients on stable doses of warfarin were tested for blood levels of warfarin and its hydroxyl metabolite.
- Malaria diagnosis and admissions in ward 24: A total of 11873 slides were screened. 1115 were positive (9.4%) *P.vivax*- 1061 (95.15%), *P.falciparum*- 44 (3.95%), mixed infections- 10 (0.9 %).
- New services added- Immunophenotyping of leukemia patients

CVTS

- A total of 2726 new cases were evaluated
- Total admissions - 1045 (601-done open surgeries, 106 – closed surgeries and 94 emergency surgeries)

Dentistry

- The department of dentistry has a daily OPD of around 100-120 patients. Around 30-35 extractions are done on an average on Tuesdays, Thursdays and Saturdays and 2-3 minor surgical procedures are done on Mondays, Wednesdays and Fridays.
- A total of 18,017 patients were treated of which 2592 dental extractions, 823 root canals, 685 restorations, 233 surgeries and 7 dental extractions under GA were performed in pediatric cardiac patients.

Dermatology

- The following special OPDs are run: Steroid clinic (Monday), vitiligo clinic (Tuesday), psoriasis clinic (Wednesday), Pediatric dermatology (Thursday), Acne clinic (Friday), Hair clinic (Saturday)
- The following procedures were performed: Multiplatform harmony laser machine, -Phototrichogram, -Derma –roller, -Dermatoscopy, Peels for acne, skin rejuvenation, Follicular hair transplantation, Dermaroller therapy, ILS, Molluscum extraction and needling, Comedone extraction and needling, Paring, Wart –TCA application, Electrocautry, Vitiligo- punch grafting and suction blister, Cyst excision, Nail avulsion, Scar subcision of acne and Lipoma excision

Endocrinology

- Total patients 16690 – diabetic clinic, 13853 – thyroid clinic, 6674 – Pituitary and Growth clinic patients were treated of which 282 patients were admitted
- Hormone assay lab tests were performed in T3 – 11302; T4 – 12127; TSH – 17956; AMA – 2298; FSH – 1998; LH – 1932; PRL – 2029; Testosterone – 1555; Cortisol – 2703; PTH – 1987; ACTH – 343; IGF1 – 473; IGFBP3 – 46; HGH – 628
- A total of 18987 blood sugar tests have been performed and 699 HbA1C were done.
- Diabetes OPD is run on Mondays and Tuesdays; Thyroid clinic on Tuesday
- New services added with numbers: CDiC project- Changing Diabetes in Children: Type 1 diabetes in economically under privileged children in India”. Around 200 T1DM cases enrolled.

ENT

- In patients – 2142, Major surgical procedures –992, Minor surgical procedures – 1592, Emergency surgical procedures – 775, New out patients –25,400, Audiograms – 6303, Speech evaluations – 817

Forensic medicine

- Estimation of age of 138 persons including sportspersons, employees of Reliance and others.
- Consultation to surgery and medicine wards regarding the injury certificates in admitted patients.

Gastroenterology

- OPD: 4400 new patients and 10010 follow up patients were seen.
- A total of 1163 patients were admitted in the ward and 5400 opinions were given for referral patients
- Procedures: upper GI endoscopy – 4100; colonoscopy – 450; ERCP – 275; Proctoscopy – 700; liver biopsy – 110; esophageal variceal sclerotherapy – 160; esophageal variceal band/loop ligation – 750; endoscopic clipping for bleeding lesions/polyps – 10; esophageal dilatin – 190; esophageal prosthesis placement – 8; gastric varices injection with glue – 25; bleeding ulcer injection – 50; argon plasma coagulation – 50; endoscopic biliary sphincterotomy and drainage – 190; endoscopic pancreatic sphincterotomy and drainage – 65; pancreatic cyst drainage – 1; polypectomy – 20; foreign body removal – 20; percutaneous endoscopic gastrostomy – 8 and rectal stricture dilation -1
- Endoscopies in children are done under general anesthesia: 192
- Esophageal pHmetry -7, Esophageal Manometry - 110, Anorectal manometry- 108 and Antroduodenal – 02 patients

GI surgery

- The following procedures were performed: Liver Resections, Surgery for Klatskin Tumor, Whipple's surgery, Esophagectomy, Gastrectomy, colectomies and advanced Laparoscopic Surgeries.
- A total of 3694 patients were seen in Liver OPD.

Hematology

- A total of 562 patients were admitted.
- 3468 patients were seen at Day care services were offered to patients suffering from Thalessemia, bone marrow failure syndromes, hemophilia and other coagulation disorders, leukemias and lymphomas.
- Following tests were performed to patients: Hemogram, Bone Marrow aspiration, Biopsies, Hemolytic Workup, Haemostatic Work up and Iron studies.

Medicine

- A total of 450 patients were given ventilator support in Medical Intensive Care Unit
- 5-10 per week of plasmapheresis were done for patients suffering from Guillian Barre syndrome.
- Portable 2Decho was done, USG + Echo machine on MICU & General Medical ward patients.
- 28 patients were performed Bronchoscopy and Percutaneous tracheostomy
- OPD - General medicine – 14534 new and 25030 old patients; HIV – 1009 new and 13370 old patients; EMS- 500 patients were admitted; Rheumatology – 2014 new and 5223 old patients; Headache – 1839 new and 840 old patients; Geriatric – 347 new and 823 old patients; Hypertension – 1246 new and 5489 old patients

Microbiology

- The clinical bacteriology division processed approximately 90,000 samples during the year. Approximately 32,000 isolates were processed for their susceptibility pattern. Routine detection for methicillin resistance, ESBL, AmpC and Carbapenemase is established. The division also proactively identified and limited the spread of hospital acquired infection in different patient care areas.
- The annual workload for the different service divisions of the department was as follows:

Section	Total samples 2012
Bacteriology	90,000
Virology & Immunology	78,369
Mycobacteriology	33,500
Mycology	3188
Serology	15000
Parasitology	10100

Neonatology

Neonatal Intensive Care Unit: 37 bedded

Sections	Type of Services	Cot strength
A	Inborn aseptic neonatal care area	13
B	Inborn septic & out born neonatal care area	11
C	Intermediate care area	09
V	Ventilatory care area	04

Section A: Babies born in K.E.M. Hospital who are not infected are kept in this area.

Section B: Babies born in K.E.M. hospital who are at risk of developing infection or babies transferred from other municipal or private hospitals are managed here.

Section C: This section renders intermediate care to the neonates. The babies who do not require close and continuous monitoring are looked after here.

Ventilator section: The babies requiring ventilatory care are closely monitored and managed here.

Human Milk Bank: Human milk bank is an institution established for the purpose of collecting, screening processing, storing & distributing donated human milk that is dispensed to recipients who are not the biological off springs of the donor mother.

Kangaroo Mother Care Center: The department is selected as the center of excellence for initiating Kangaroo Mother Care for Low Birth Weight babies in India, **the first** & one of the regularly followed up here for growth, nutritional status, neuromotor, neuro developmental & neurosensory assessment & early intervention therapy is institutes when required.

Nephrology

- OPD patients: old – 9661 and new – 2600
- Indoor patients: 1289; referral opinions – 8961
- Following procedures were performed in patients: Kidney biopsies-142; peritoneal dialysis – 30; Continuous Ambulatory Peritoneal Dialysis – 06; Hemodialysis-6378; kidney transplants – 24
- Following blood tests were performed in AKD lab: CBC – 21200; Urine routine and microscopy – 20100; 24 hours urinary protein – 16200; urine creatinine – 1800; urine culture – 5100; urine sensitivity – 610; blood culture – 240; sensitivity – 70; Australia antigen (HbsAg – 2210 and HCV – 2210); urine osmolality – 438; serum osmolality – 225; urine Ph – 50; stool routine – 100; BUN – 942; serum creatinine – 960; total protein – 301; SGOT/AST - 477

Neurology

- A total of 5280 new neurology cases were seen and a total of 2242 new epileptic patients were seen.
- Following procedures were performed: EEG – Paper EEG - 577; Video EEG – Inter-ictal -348 and Ictal – 231; EMG– nerve conduction - 4158.
- Pre-surgical evaluation of refractory Epilepsy was performed
- Botulinum toxin for movement disorder was administered as a new service
- Epilepsy surgery OPD – for New and follow up of patients who undergo pre-surgical work-up or are already operated. It is a combined effort from Neurology, Neurosurgery, Neuropsychology and Psychiatry department to streamline the services of Comprehensive Epilepsy Center. Gradually more and more patients are enrolled for this OPD.
- OPD: New – 5290; Old – 4600
- Indoor patients – 935
- Epilepsy patients: New – 2242; Old - 13672

Nuclear medicine

- Total number of procedures performed: HIDA – 145; Liver – 30; Thyroid – 390; Bone – 354; Renogram – 1738; DM SA/GHA -172; Abdomen – 12; GER-75; GET-25; Lung scan – 49; lymphoscinti -11; parathyroid-10; brain -70; MIBI-761; Gallium – 34; cardiac PET-182; Brain PET-10; WB PET – 157; I-131 MIBG-24; I-131 scan -13; I131 therapy-63

Nursing (college and hospital)

- Nurses contributed during disaster periods like floods, epidemics, earth quakes, and also participated in the community camps.

Obstetrics and Gynecology

- Total No. of confinements -7800; Major surgeries (Obstetric OT)-3465; minor surgeries (Obstetric OT)-1155; surgeries (Gyn OT)-808; Oncosurgeries-3

Occupational therapy

- Following specialized OPD clinics were run: Obesity clinic (Mondays, Thursdays and Saturdays); Cardiac Risk Modulation clinic (Tuesdays, Wednesdays, Fridays); Pain management clinic (All days); Rheumatoid Arthritis clinic (Saturdays); Neonatal high risk(Wednesdays); Back School clinic (All days); Musculoskeletal management for hemophilia (All days); Hypertension clinic (Wednesdays; Neuro rehabilitation and movement disorder clinic (All days); Deaddiction clinic (All days); Breast clinic (Friday); child guidance clinic (Mondays and Thursdays); kangaroo mother care (Mondays and Thursdays); pediatric neuro developmental (Saturdays); Sensory integration therapy (Mondays to Fridays); Burns, plastic surgery and specialized hand clinic (All days); synovitis management clinic (All days)
- Total patients: OPD – 15371 and intensive care patients - 1417

Ophthalmology

- OPD Patients – 30000

- Operations – 7492
- New Services – Mobile van for Diabetic retinopathy screening

Orthopedics

- Following surgeries were performed: 3000 major and 2000 minor surgeries including 300 joint replacements, 200 arthroscopy cases and 500 spine cases.
- The number of cases seen in each OPD is approximately 100 new cases besides follow-up of old cases.
- Three theatre complexes were involved in delivering patient care.

Pathology

CVTC Laboratory

- Following services were offered: surgical biopsies and excisions – 450; cardiopulmonary autopsies – 300; sputum and other fluid cytology – 515; blocks – 8000; slides – 17800; Blood collections – 20400; hemograms – 18187; prothrombin time – 19380; routine urine examination – 3582; body fluid examination – 241; lipid profile – 38014; complete lipid profile – 15892; serum amylase – 573; CPK – 944; CPK-MB – 815; LDH – 905; RA factor-1102; cryoglobins – 28; anticardiolipin antibodies – 617; antinuclear antibodies-140; anti ds DNA antibodies -40; bronchoalveolar lavage cytology-14; C3-665; C4-647; CRP - 1484

Cytology

- Following procedures were performed: Total FNAC- 5143; slides generated from FNAC-25093; PAP stain-12752; Giemsa stain-12341; Fluid samples for cytology-680; Giemsa stain-680 O. C Laboratory
- Total of 8298 Hemograms of which 8298 were analyzed for hemoglobin, 2000 PCV, 137 MP were done

EMS laboratory

- Total of 86846 samples analyzed for Hemograms and 9683 peripheral smears, 16527 ABG analysis and 1839 CSF analysis were performed
- Surgical Pathology
- Total 8573 specimens were obtained; 32450 – blocks; 53275 – slides; 6514 - special stains prepared; 185-frozen sections; 712-frozen bits cut; 240-kidney biopsies; 490-kidney blocks; 219-bone marrow blocks

Clinical pathology and hematology

- Total of 2,23,260 hemograms; Malarial parasites -4685; Optimal / QDX (Malarial antigen test) – 5845;
- Platelet count-36,793; Special investigations (RBC, sickling, LE cell, Retic count, buffy coat, Microfila) – 64868; Special stains for leukemia-179; Bone marrow biopsies, Bone marrow Aspirate & Imprint -569; Urine examination-68998; Fluid samples for microscopy-2183

Neuropathology

- Total of 1054 Hemograms and 820 CSF were analyzed
- Total of 2233 Ascitic or pleural fluid were examined
- 820 samples analyzed for urinary porphyrin
- Total of 1108 samples received and 2750 blocks, 3332 slides, 67 for cryo and 159 CSF for cyto analysis were performed

Autopsy

- Total of 116 were received and 1962 blocks prepared, 1816 slides with 768 special stains prepared

Clinical & Hematological Services OPD

- Total blood collections performed in 2,15,992 patients and 84001 hemograms, 1990 coagulation profile, 47942 urine examinations, 971 malarial parasites and 2028 platelet count were performed

Pediatric Surgery

- Total admissions –2237, Surgeries – 1230, Major surgeries – 664, Minimal access surgeries – 188, Minor surgeries – 566, Started single incision laparoscopic surgeries – 8 + 2

Pediatrics

- Total of 25837 patients were seen in OPD of which 4284 were admitted. EMS admissions – 2520 and EMS attendance – 25458. PICU admissions were 479; Under Five Clinic – 5751; Rheumatology clinic – 211; Nephrology Clinic – 620;

Pediatric chest clinic – 679; Genetic clinic – 655; School clinic – 1219; Thalassemia day care centre admissions – 1826; Pediatric epilepsy clinic – 1482; Learning disabilities clinic - 740

Pharmacology and Therapeutics

- OPD services: Ayurveda Research Centre of Department of Pharmacology and Therapeutics runs an OPD on Friday afternoon. Last year 3269 patients were registered in the OPD.
- Indoor admissions in the Ayurveda Ward were done whenever detailed assessment and therapeutic procedures were required.
- *Panchkarma* and other therapeutics procedures were performed on 742 patients who were admitted on Day Care basis. *Ksharsootra* was supplied to Department of Surgery for patients with fistula in ano.
- Monitoring for Quality of Ayurvedic Formulations: 59 Ayurvedic formulations were analyzed for synthetic steroids and of these 25 were found to contain synthetic steroids. 23 samples were received for detection of heavy metals.
- Advice was provided to the Octroi department of MCGM regarding plant drug containing formulations with justification.

Plastic Surgery

- Round the clock Emergency Services are provided involving Maxillofacial injuries, Hand injuries, Skin cover for upper & lower limbs, Replantation and Revascularization of limbs and digits; Acute burns in adult females. Besides Routine Plastic Surgery, the dept. specializes in cleft lip and palate, complex vascular malformations of head, face & limbs, T. M. joint ankylosis, lymphedema, skin tumors, management of absent vagina and intersex related problems and microvascular surgery.

Physiotherapy

- Total of 3,00,000 patients were seen of which 1,20,000 were outdoor patients at Physiotherapy OPD and 1,80,000 were Indoor patients in various wards

Preventive and Social Medicine

Services in KEM campus:

- Total of 88,434 patients were examined in General OPD of which 18,300 (20.6%) patients required referral to other specialities for further management.
- Screening of BMC employees was also carried out for infectious diseases and chronic diseases. A total of 4070 employees (male – 2569, female – 1501) were examined.
- Following were the total number of patients in immunization OPD: BCG – 6288; OPV – 5814; DPT – 4248; HBV – 4240; Measles – 807; MMR – 665;
- Seven rounds of National Pulse Polio immunisation on Sundays followed by a week of IPPI activities within the campus were conducted
- Total of 3054 patients were done surveillance under Integrated Disease Surveillance Program :

Services at Naigaon Health Centre:

- Total of 1481 patients were examined in the General OPD at Naigaon and 384 attended Under Fives Clinic at

Services at Malvani Urban Health Centre :

- Total of 68444 patients were seen in both General and Pediatric OPDs. Specialty OPDs were dental – 483; psychiatry – 896; ophthalmology – 477; cataract surgeries – 77; dressing – 63; skin – 3507; hypertension – 1888; diabetes mellitus – 632; hypertension with diabetes mellitus – 1101; bronchial asthma – 50; epilepsy – 17;
- Total of 475 patients were benefitted in REVISED NATIONAL TUBERCULOSIS CONTROL PROGRAMME
- Under maternal and child health program – IUD insertions – 91; oral contraceptive pills – 580; condoms distributed – 17396
- Total of 544 patients visited Well baby clinic
- Following were the beneficiaries in Universal immunization program: BCG + OPV – 709; DPT + OPV – 1451; HBV – 1236; Measles – 276; MMR – 189; TT - 98
- Total of 215 patients of suspected TB were referred from ICTC to RNTCP and 338 diagnosed TB patients from RNTCP to ICTC

- In the STI OPD, 1927 pre test counseling services and 1923 total tests were performed and HIV Positive – 75; VDRL tests conducted – 1256

Services at Rural Health Training Centre, Sakwar:

- Following number of patients were seen: General – 21762; Tuberculosis – 368; Leprosy – 701; Skin – 2642; Dental – 1195; Ophthalmology – 591
- Total of 2676 injections and 256 dressings were given.
- Following blood tests were performed: Hemoglobin, CBC, ESR – 621; blood sugar – 810; PSMP – 465; LFT – 32; BUN, serum creatinine – 20; lipid profile – 12; sputum for AFB – 772; urine – 86; UPT – 75; x ray – 804; blood group – 60.

Psychiatry

- In this year the numbers of new patients seen in OPD were –2995 and 14345 were the follow up patients
- Indoor Admissions - 500
- De addiction Centre: Old patients = 15,364 and new patients = 2,543
- Patient psycho education group= 520
- Relative psycho education group= 600
- Yoga group= 450
- Drug De addiction laboratory work report

Name of the test	Number of samples
Urine alcohol (indoor +outdoor) by Dichromate or by morphine method	9700
Indoor urine sample for	
Morphine	494
Cannabis	625
Benzodiazepine	10
Cocaine	-
Our door urine samples for	
Morphine	468
Cannabis	715
Benzodiazepine	87
Cocaine	12
Amphetamine	-
Miscellaneous Samples (Pudi, Tablet, Misri)	27
Grand Total (1+2+3+4+5) =	12,158

- Specialist services: ECTS – 940; EEG- 930; Psychological testing-1337
- Social workers data- General psychiatry service & De addiction psychiatry services

Provide Services	Total
Counseling	495
Family counseling	356
Group work	122
Referral services (Health and Non Health and Rehabilitation)	43
Medical AID	116
Home visit/NGO/Donor visit	11
ICU charges	-
Major/ Minor Surg. Charges	27
Awareness programmes	3
Follow up	163
Donation (in Rupee)	7000

Group Therapy Services

- Group for suicide prevention: - 85
- Group for sexual dysfunctions: - 115
- Group for caregivers of patients with schizophrenia -297
- Memory Clinic - 23

Specialized Clinics

- Child guidance clinic - New-482 and Follow up - 980
- Geriatric clinic for old age patients

Radiology

- Total number of investigations performed-162121; EMS – 150849; CVTS, OTST – 46219; Genitourinary imaging – 1743; Fluoroscopy guided procedures – 3599; USG – 54880; USG guided procedures – 26825; CT – 31124; MRI – 12608; Vascular interventions – 1313; Neuro intervention - 879

Surgery

- The following services were offered: Education & Awareness Regarding Breast Cancer, Self Breast Examination and Free Screening Mammography

Transfusion medicine

- In addition to the routine services, Transfusion Medicine provides single Donor Platelets (prepared by plateletpheresis) to patients, particularly to those with hematological disorders, monsoon related illnesses and those undergoing cardiac surgery. A Total of 9050 units of Random Donor Platelets and about 125 units of Single Donor Platelets (SDP) were issued for the patients. The need of 150-200 blood units per day for patients admitted in our hospital is fulfilled by about 200-220 blood donation camps in a year with over 38000 blood units collected annually

Urology

- Following number of patients were seen in the OPD per day; Stone clinic – 210; General Urology – 165; Andrology – 37
- Following investigative facilities were offered: Ultrasonography, Uroflowmetry, Doppler ultrasound, Retrograde Ureterogram, Retrograde Pyelogram, Uro-endoscope, Phalldynamic Studies (Impotence Studies), RGP/PCN, TRUS and Urodynamic study
- Following treatment modalities were offered: Suprapubic & transurethral Cystolithotripsy, URS, PCNL, Open surgeries, Extra Corporeal Shockwave Lithotripsy (ESWL), RIRS – Laser surgery; Uro-oncology - advanced uro-oncologic surgeries like radical retropubic and prostatectomies, radical cystectomy with orthotopic neobladder; Female Urology-Surgeries for SUI, genitourinary fistulas, Paediatric Urology- Hypospadias surgeries; Bladder neck reconstruction for incontinence, PCNL / URS / RIRS; Renal Transplant Surgery - Laproscopic donor nephrectomy; Andrological surgery for infertility-VEA, VVA, TUIED (Transurethral incision of ejaculatory ducts); Impotence -Penile prosthesis and venous ligation; Laser prostatectomy; Stricture surgery for complicated cases -redo surgery- rectourethra fistula.

Community Care

Community care

Anatomy

- The postgraduate students of the department contributed towards community care by attending the Fever OPD

Anesthesia

- The department conducted a basic life support training course for paramedical personnel to handle emergency scenarios.
- Residents regularly attend blood donation camps

Chest medicine

- Given asthma education program for indoor and outdoor patients as well as to school children.
- The EPRC team carried out an annual respiratory morbidity survey of BMC employees working in the chlorination department and sewage pumping stations.
- Several health surveys were conducted in different parts of Mumbai.
- Two broadcasts were done in television regarding environment and asthma

Dentistry

- Oral examination of about 300 school childrens of 5th, 6th and 7th standards of a municipal school in Malwani was done in the month of September. The children were provided with free toothpastes and mouthwashes courtesy Future Mankind and Warren (Indoco).
- Dental check-up was done at St Rocks School, Gorai Borivali west organised by Shri Swami Samarth Prathishthan. The check ups were done by Drs Aditi Kamble and Matin in November 2012.
- Municipal school children are treated on a regular basis in the afternoon OPDs.

Endocrinology

- Weekly visits were performed to diabetes dispensaries at peripheral health centers attached to KEM hospital
- Training of medical officers attached to diabetes dispensaries were done.
- Diabetes detection/Osteoporosis camp were organized at OPD as follows in the following areas Dnyaneshwar Nagar, Wadala, Andheri Versova Shivsena Shakha and Andheri Shivsena Shakha
- Organised a walk by Type 1 diabetes patients to promote awareness

ENT

- Camp on Children's day At Matunga Railway Welfare Centre
- Interview on World Deafness day aired on Aakashwani channel on 21st September

GI surgery

- Published a community awareness booklet in Marathi and English for Liver Transplant and various articles in News papers and Kalnirnay about various Health topics.

Hematology

- Various cancer awareness programs were conducted in schools, colleges and offices – anti tobacco campaign, breast cancer awareness programs and general awareness for cancer education

Medicine

- Onsite Mechanical Ventilator training to medical officers in Raigad and Alibaug region.
- Lecture at Bombay Port Trust for its staff around 75 people on hypertension and diabetics – July 2012.
- Lectures were delivered on community awareness and adequate management of disorders affecting middle aged professionals (Diabetes and Hypertension) at Mazagaon docks, Port's Trust of India, Mumbai ; and at Navi Mumbai for top IT professionals of various companies.
- Medical support to periphery hospitals - situated in interiors of Maharashtra through telemedicines – Thane, Konkan, Karad and Sindhudurga.

- Lectures were delivered to private general medical practitioners
- Resident doctors were involved in different blood donation camps
- Health check up camps regarding monsoon related illnesses were conducted
- Diabetic OPDs were conducted at several centres as well as peripheral hospital visits

Neonatology

- Awareness on Breastfeeding & Lactation Management for students of Human Resource Development & Nutrition of SNDT University and a program on the same in a television was performed

Nephrology

- Early detection evaluation of kidney diseases and CKD- camp on world kidney day
- Public awareness program at Dadar regarding "Prevent diabetic kidney disease
- "Take care of your kidney" awareness program was conducted at RPG Life sciences at Worli RPG House."

Neurology

- Conducted an Epilepsy Camp under national rural health mission along with Epilepsy foundation at Gadchiroli and Bhandara district.

Obstetrics and Gynaecology

- Several health camps were organized in association with PSM department.
- Training in neonatal resuscitation and lactation management was conducted

Occupational therapy

- Conducted Parent workshop on "Handling of children with cerebral palsy"

Ophthalmology

- Various eye camps done in the city of Mumbai
- Motivated eye donations

Pathology

- Conducted blood donation camps for monsoon related illnesses.

Pediatric surgery

- Outreach program at Shatabdi Hospital, Govandi was initiated and a total of 24 patients were operated.

Pediatrics

- Assessment of the patients referred from orphanage and ashrams were carried out
- Lectures on learning disability were conducted for school teachers
- Counseling for the parents of patients with lysosomal storage disorders was done
- Pediatric visits to peripheral centers attached to the institution were performed
- Monsoon related health camps and several other community related health camps were organized
- Monthly visits to rural facility primary health care centre (Khardi) were performed.

Pharmacology and Therapeutics

- Participated in the health camp organized at Chaityabhumi to provide care and awareness about rational use of Ayurvedic drugs.

Preventive and Social Medicine

- Mumbai Aarogya Abhiyan 2012 : PSM Department of KEM Hospital coordinated MCGMs Aarogya Abhiyaan with the help of all the 3 medical college and a total of 217371 were benefitted and a total of 352 Diabetes camps were conducted
- Camps in the community by Malvani Health Centre : Following are the camps conducted and the total number of beneficiaries: dental – 300; blood group checkup-247

- HIV/AIDS Awareness Session at Erangal Municipal Marathi School, Erangal: Total of 350 patients were benefitted by health education on Treatment Adherence, Nutrition, Addiction, Infection Control and Family Screening.
- 65 boys benefitted in Adolescent Boys Initiative
- 40 girls benefitted in Adolescent Girls Initiative
- 100 parents attended the health education on Tuberculosis for parents at Rose Mary School
- 45 parents benefitted by education on TB for Parents of Ambujawadi community for I care Siddique Foundation
- 20 beneficiaries attended the Youth session in community on Education on Tuberculosis and Nutrition on 21st Feb 2012 conducted by MSW Shri Ravindra Dabhade
- 60 participants attended the Program on Deaddiction
- Skits of different theme were performed on World health day, Tuberculosis day and parents attending the immunizing OPD and ANC OPD

New services & facilities at malwani urban health center:

- Screening of child contacts of Sputum Smear positive TB patients started with Mantoux Test Reagent. Regular Growth Monitoring of all children on INH Prophylaxis in the Under-Five Clinic at the centre & regular weekly sessions on breastfeeding to the mothers in the PNC ward of Maulana Azad Maternity home.

Naigaon community programs:

- Following programs were conducted:

Name of the activity	Number of participants
Yuvati Arogya" Saraswatibai School, Naigaon. Savitribai Phule Jayanti celebration program	120
Haldi-kumkum program for Naigaon maternity home ANC PNC & UFC mothers by MSW Suman Bhandekar.	92
Women's Day Program Kamgar Kalyan Kendra	60
WHO Day Program Kamgar Kalyan Kendra Jeshta Nagari Sanghatan	250
Health Promotion Activity for UFC mothers by MSW Tara Kedare.	25
Health education activity for ANC & PNC.	105
Health education activity for Adolescent group by MSW Mr. Vijay Jawlekar.	55
Breast feeding week celebration program in under five clinic /ANC	99
AIDS Day Program Kamgar Kalyan Kendra for Students.	200

Social Awareness (Patient Education Center):

- Preparation of Educational Material for the patients in the Hospital and for the community at large through Patient Education Centre of KEM Hospital under PSM Department. posters and booklets in Hindi and Marathi. POSTERS: Set of 8-12 posters on each subject in Marathi and Hindi

Educational Posters and Flip Charts

- 100 Posters for the Gov. Maharashtra(Beed) under NRHM.
- 156 Posters on common preventable diseases for Apnalaya Local NGO at Govandi for community education .
- 146 Posters on Various communicable and non-communicable diseases for AVEHI the organisation working on Health communication in Mumbai.
- 86 poster of Health education were made for D.Y. Patil University and college
- Made educational posters for Swasth Mumbai NGO
- All this material was prepared through DJST.

Training and Talks in the Community

- Training on Prevention Sexual harassment at work place for "Shikshak Bharti"
- Workshop for BU on prevention of sexual harassment.
- Talks on Girl child survival at colleges
- Lectures in TISS on sexuality
- Information on women's questions to women comparators at Head Office

- World Brest Feeding Week awareness program coordinated for all eight medical colleges of greater Mumbai and 'Navi Mumbai'. Exhibitions and street plays/
- IYCN training of RMOs with the help of Departmental Social Workers.
- Workshops for Health care providers on the issue of Domestic Violence.
- Community Outreach Health Services at RHTC Sakwar:
- Several visits were done in rural hospital, Manor, Primary health centre, Durvesh, Bhatane, Anganwadi, Balwadi, Dhekale.
- School Health Check Up Services: 61 children in Durvesh were examined
- Asharam school: 46 children were examined
- Total of 90 elderly were examined in Old Age Home Health Heck Up Visits
- Number of Disinfection of wells done : 10
- Every month 2 RMO's were posted in Rural Health Training Center (RHTC) Khardi / Khadavli/Pise-Panjrapur
- "Rajmata Jijau Kuposhanmukta Gram Abhiyaan", a health promotion campaign for pregnant mothers and children.
- "Manav Vikas Prakalpa Camps" for early detection and management of maternal and paediatric illness were conducted on 4th Tuesday of every month for pregnant and lactating women & children at PHC Khardi and a total of 831 patients were benefited.
- World Health Day 2012 was Celebrated by doing Health check up and Health Awareness camps for the elderly people
- World Breastfeeding Week Celebration and Healthy Baby Competition were performed
- "m Health Project" – Mobile based Health Technology Project - The department in collaboration with TIFR & TCS has developed mHealth -Technology project for effective communication, feedback and data management at PHC, subcentre level & grass root level health workers. Actively participated in National Pulse Polio Program
- Epidemiological investigation of Outbreak of Waterborne diseases in Shahapur Block was done
- Training of Jalsurakshak and pada workers for water sanitation and prevention and control of waterborne diseases, Accredited Social Health Activist and laboratory technicians and training of health staff (MPW, ANM, AWW, ASHA) on maternal and child care were performed.
- 842 employees in the Pise-Panjrapur Water Supply Plant of M.C.G.M. were screened for assessment of occupational morbidities.

Psychiatry

Community Outreach Services

- Savitribai Phule Stree Sansadhan Kendra (Gender Resource Centre) at Worli – Women related psychiatric problems are dealt with on every Thursday
- Sewri TB Hospital – WHO DOT Plus Program- Clinical & Neuropsychological evaluation of patients with MULTIDRUG Resistant Tuberculosis patients carried out on every Tuesday
- Malavani Community Outreach Centre -A community psychiatric health centre is run by the department at Malavani. Psycho educational lectures are taken during community programs. Patients requiring detailed testing and evaluation are occasionally referred to psychiatry department of KEM Hospital when needed. This year a total of 1590 old and 110 new patients were evaluated

Social awareness camps and lectures

- Psycho education and counseling group session therapy for patients and relatives with deliberate self harm.
- Lecture was given to peer educator and outreach worker on Methadone Maintenance Therapy.
- Dr Kadam and Mrs Bhatkande participated in awareness camp on Substance use disorders at Bandra on 22nd & 23rd June 2012.
- Conducted an awareness program at Raey Road station with Poster exhibition and street plays – 26th June 2012
- Several methadone awareness and orientation programs were conducted

Radiology

- Teleradiology services were carried out in several remote places.

Transfusion medicine

- Total of 170 units of blood was collected in a blood donation camp held in co-ordination with Jivandata Swayamsevi Sanstha, Kalachowki.

Education

Education

Anatomy

- First MBBS per year- 180
- MD Anatomy per year – 04
- First BPTh per year – 40
- First BOTh per year – 40
- Nursing per year – 40
- First BPMT per year - 35
- Various biomedical engineering courses conducted for students from different colleges
- Library Holdings: Total No. of Books-284; No. of Journal titles-03; Total No. of Journals-111

Anesthesia

- MD Intake per year: 22
- DA: Intake per year: 16
- CPR : Advanced Cardiac Life Support (ACLS) : 30 workshops, attended by 300 students
- One year fellowship course – Cardiac Anaesthesia, Neuro Anaesthesia, Paediatric Anaesthesia with two students in each course

Biochemistry

- First year MBBS per year – 180
- First BPTh per year – 40
- First BOTh per year – 40
- D.M.L.T. students per year – 10
- M.Sc. (I) students per year – 12
- M.Sc. (Research) students per year - 3
- Ph.D. students - 6
- Library: Total No. of Books :- 840

Cardiology

- Eight observers underwent training in the Department of Cardiology this year.
- Three international observers were trained
- D.M. Cardiology -6 per year.
- M.D. (General Medicine) students were trained during their postings
- IIIyr BPTh and BOTh students & MPT students for clinics.
- S.N.D.T. M.Sc. Nursing students were guided for their thesis works.

Chest medicine

- International observers: 2 (Medical Students) – 15 days each (United Kingdom)
- MD (Pulmonary Medicine) per year: 2 students
- Rotations were undertaken by MSc. Nursing students from SNDT University and Fortis Hospital
- MBBS, Occupational Therapy and Physiotherapy students were posted as a part of their academic activity

Clinical Pharmacology

- DM- Clinical Pharmacology 3 seats/ year
- PhD-Applied biology (Mumbai University) – 5 seats
- PhD-Clinical Pharmacology- 5 Seats
- MSc applied biology- 7 students
- Fellowship in Drug development – 2 seats/year
- M.Sc Pharmaceutical Medicine- 6 students/year

CVTS

- M.Ch Cardiovascular and Thoracic Surgery – 4 seats/year
- Certificate course in the Extra Corporeal Perfusion Technology – 3 seats/year
- Second BPMT students were posted as observers
- Library – Departmental Library - 358 books

Dentistry

- Ten observers from all over India in different dental procedures.

Dermatology

- MD Dermatology and Diploma in Dermatology course are conducted

Endocrinology

- DM (Endocrinology) – 3 seats/year
- Diploma in Diabetology – 1 seats/year
- Ph.D. applied Biology - 4 students have registered
- Msc. applied Biology – 1 student per year
- Library: No. of books 452

ENT

- MS (ENT) - a three years course is conducted

Forensic Medicine

- Second MBBS students
- 26 students per year for BPMT course

Gastroenterology

- International Observers and Elective trainees - 1
- DM Gastroenterology; 2 students per year

GI surgery

- M.Ch (GI Surgery) – 2 seats per year
- HPB courses and GI surgery courses attended by residents all over the country.

Hematology

- Recognized as International Hemophilia Training centre (IHTC)

Medicine

- MD (General Medicine)
- International Observers Elective Trainees – 13
- MSc. Pharmaceutical Medicine - 5 students per year
- Fellowship in critical care - 2 students per year

Microbiology

- 'Health Care Worker Safety Programme' for KEM Staff in collaboration with Gastroenterology Department was held successfully in Dec 2012.
- Sensitization and awareness programme for nurses and class IV workers on BMW management & Universal Safety Precautions in March, April 2012.
- Training on reprocessing of medical devices for sisters and brothers in charge of operation theatre in Aug 2012.
- "Nurses Training programme for HIV & ICTC activities" for Nurses from Holy Spirit Institute of Nursing Education
- "RNTCP Laboratory Technicians Training Workshop for HIV Rapid test" in collaboration with MDACS
- STI Supervisory visit for the peripheral hospital STI clinics

- Training of lab technicians under RNTCP
- Global Hand Hygiene Day was commemorated with the school of nursing on 15th Oct, 2012.
- Six students have registered for MD Microbiology this year.

Neonatology

- National Observers cum trainee: 4 doctors were trained
- DM (Neonatology) – 1 seat/year
- MUHS Fellowship – 2 seats/year
- NNF Fellowship – 2 seats/year
- Library : Total no of books : 182

Nephrology

- DM (Nephrology) – 2 students per year
- MSc. Applied Biology – 3 students registered
- Ph.D Applied Biology – 3 students registered
- Departmental Library - Total Number of books – 206; Journals – Indian-1 and International - 4

Neurology

- DM (Neurology) course is run for MD graduates
- MSc. Pharmaceutical Medicine – 2 students per year

Neurosurgery

- MCh (Neurosurgery) course for MS graduates

Nuclear Medicine

- DNB in Nuclear Medicine – 2 seats (1 primary and 1 secondary) per year

Nursing (college and hospital)

- Two staff nurses are deputed for post Basic BSc (Nursing) program

Obstetrics and Gynecology

- International observers and elective trainees: 2
- National observers/trainees: 3
- Dr. Molly Chatterjee Fullbright fellowship course
- Fourth year MBBS students
- MS (OG) – 56 per year
- DGO – 24 per year
- Library: Books – 452; Journals - 232

Occupational therapy

- B.O.Th: 40 seats/year
- M.O.Th: 20 seats/year
- Six students in the following specialties: Occupational Therapy in Neurosciences, Occupational Therapy in Developmental Disabilities and Occupational Therapy in Musculoskeletal Sciences.
- Library: 412 books and 60 Journals

Ophthalmology

- International observership – 1
- MBBS students during their pre final year
- MS (Ophthalmology) - 3 seats per year
- DOMS - 3 seats per year
- Library – 40 books

Orthopedics

- MS (Orthopedics) and DNB (Orthopedics) courses are conducted

Pathology

- Observership offered for Autopsy training and Histopathology training to post-graduates in Pathology and Laboratory Technology training for Paramedical (technically) students
- M.D. (Pathology) – 14 students per year
- D.M.L.T - 10 students per year.
- Certificate course in Cardiovascular Pathology through the Indian College of Pathology.
- Fellowship in Cytopathology, Renal Pathology, GI Pathology, Cardiovascular Pathology, Pediatric Pathology
- B.P.M.T Course – 22 students.
- Library holdings: 300 text books

Pediatric surgery

- Fellowship course in Pediatric Minimal Access Surgery – 3 fellows currently, 2 seats/year
- MCh. Pediatric surgery course is conducted for post graduate students

Pediatrics

- International Observers & Elective Trainees – 12 students
- MD Pediatrics: 16 seats per year
- DCH: 12 seats per year
- Fellowships: Fellowship in Pediatric Intensive Care (2 seats); Fellowship in Clinical Genetics (2 seats) and Certificate Course in Pediatric Respiratory Disorders (2 seats).
- MSc in Applied Biology: One new student for the academic year 2012-2013
- MOCP (Medical Officer Certificate Course) Training Program started with 5 trainees in the first batch

Pharmacology and Therapeutics

- MD Pharmacology – 7 seats per year
- PhD Applied Biology – 2 students have registered
- MSc. Applied Biology – 2 students per year
- Library: Current holding 780 books. 12 new books were added

Plastic Surgery

- International Observers and Elective trainees: 2
- MCh Plastic Surgery-2 students per year

Physiotherapy

- Bachelors in Physiotherapy – 40 seats per year
- Masters in Physiotherapy – 18 seats per year
- Library: Books - 550 and Journals-100

Physiology

- MD Physiology – 9 seats per year
- First year MBBS students – 180 per year
- First year BOTh – 40 seats per year
- First year BPTh – 40 seats per year

PSM

- MBBS – 180 students per year
- Diploma in Public health – 2 students per year
- MD (PSM) – 16 students per year
- MSc. Pharmaceutical Medicine

- BPMT – 26 students per year
- BOPTh and BPTh – 40 students per year

Psychiatry

- International Observers and Elective trainees:
 - o International Observers were placed in Psychiatry - 5
 - o Clinical Psychologist as observers and trainees are placed - 3
 - o Lab technician placed as trainee - 1
- Courses offered: MD (PSYCHIATRY) – 5 and DPM (PSYCHIATRY) –1
- Books on psychiatry and allied subjects: 209 books

Radiology

- MD Radiology and DMRD courses are conducted

Surgery

- MS (General Surgery) course is conducted for three years
- Dr. Varsha Kulkarni was Organising Secretary for Undergraduate CME 2012 with video transmission of clinical cases.

Transfusion medicine

- Second year M.B.B.S. students
- D.M.LT. students
- BOPTh and BPTh students
- Nursing students from SNTD college
- C.M.L.T. students and students of Biotechnology from different Colleges come for observership.
- Technologists take specialized training in “Component Preparation and platelet pheresis.”

Urology

- MCh Urology course is conducted for post graduate students

Research

Research

Anatomy

Completed

- A Study of Lumbar Sympathetic Trunk – Variations and Clinical Correlation.
- Surgical Anatomy of Suprascapular Nerve.
- A study of anatomical variations of the radial nerve in cadavers.
- A study of the popliteal artery in cadavers.
- A Study of Left Coronary Artery and its Branches in Cadavers
- A morphometric study of dry human sacra.

Ongoing

- Microanatomical features of Pituitary Gland.
- Efficacy of Multimedia Teaching in Microanatomy: a comparison with traditional teaching.
- A study of Development of Long Bones in Fetuses
- A study of Ansa Cervicalis and its variations in Cadavers.
- Functional Anatomy of Rotator Cuff
- Anatomy Quiz – A Novel Method of Teaching Anatomy
- Morphometric Study of Suprascapular Notch
- Revisiting the Curriculum in Histology Techniques for Anatomy PG Students
- Perceptions of Undergraduate Students on Use of Flashcards as a Mode of Learning Anatomy
- A Study of Variations of Subclavian Artery in Cadavers
- A Morphometric Study of the Right Atrioventricular valve in Cadavers.
- A Morphometric Study of the Human Trachea in Cadavers
- A Study of External Carotid Arteries in Cadavers
- A Morphometric Study of the Arch of Aorta and its Branches in Cadavers
- A Morphometric Study of the Human Dry Typical Thoracic and Lumbar Vertebrae
- A Morphological Study of Human Internal Iliac Artery in Cadavers
- A Study of Brachial Artery in Cadavers
- A Morphometric Study of Various Foramina of the Dry Human Skull
- A Study of Femoral Artery in Cadavers
- A study of Infraclavicular Part of the Brachial Plexus and the Proximal Part of its Branches in Cadavers
- A Study of Splenic Artery and its Branches in Cadavers
- A Study of Common Fibular Nerve and Its Branches in Leg in Cadavers
- A Morphometric Study of Larynx in Adult Cadavers
- A Study of Morphometry and Variations of Arteries Supplying the Kidneys in Cadavers
- A Morphometric Study of the Dry Human Mandible
- A Study of Abdominal Aorta and the Proximal Part of its Branches in Cadavers

Anesthesia

- Premedication in children: a comparison between oral midazolam and oral clonidine.
- Prospective study observing outcome following posterior fossa craniotomy in patient with sitting position.
- Compare & analyze effect of Intravenous clonidine V/s. Intravenous Dexmedetomidine on duration of sensory Block, duration of motor block, heart rate & blood pressure in patients of Bupivacaine spinal anaesthesia posted for various surgeries.
- Prediction of difficult intubation.
- Comparison of propofol and etomidate in cardioversion.
- Comparison of intrathecal clonidine in different doses and in combination with fentanyl for abdominal hysterectomy under subarachnoid block.
- PCEA in major abdominal surgeries using bupivacaine and fentanyl in continuous plus bolus infusion Vs. bolus infusion.
- Comparison of effect of fentanyl lidocaine propofol and dexmedetomidine lidocaine propofol on Tracheal intubation without use of muscle relaxant

- Comparison of IV lornoxicam versus IV fentanyl for intraop and post op analgesia in minor to moderate ENT surgeries
- To study the hemodynamic changes due to CO2 insufflation in pediatric video assisted Thoracic Surgery.
- RCT of Tracheal intubation using Airtarq & comparing with Light Wand in Adult patient.
- Left Ventricular function monitoring with the help of TEE & PA catheter.
- Prospective randomized trial of comparison of lignocaine Vs. esmolol and combination for attenuating cardiovascular response to intubation.
- Effect of priming principle on Induction dose requirement of propofol.
- Efficacy & safety of Tranexamic acid in TKR surgery, ARCT.
- Time course of Neuro muscular action of .6 mg/kg of Rocuronium in young & old patients with or without renal failure patients undergoing Urological surgeries.
- Comparison of Caudal Ropivacaine, Ropivacaine + Neostigmine, Ropivacaine + Ketamine in caudal block.
- Randomized prospective study of dose comparison of tranexamic acid in cyanotic heart disease patients
- DEXMED effects of hemodynamics in laproscopic cholecystectomy
- Comparison of post operative epidural analgesia between Bupivacaine and Ropivacaine in patients undergoing TKR.
- Comparison Dexmedetomidine Vs. Midazolam in Tympanoplasty.

Biochemistry

- Biophysical properties and toxicity of small amyloid peptides.
- Role of Laser-Assisted Hatching in ART (Assisted Reproductive Techniques) to improve Pregnancy Rates..
- Biochemical and immunological characterization of monoclonal antibodies against tetanus toxin.
- Evaluation of antiproliferative and antiangiogenic activity of bio-active compounds present in *curcuma longa* and *tinospora cardifolia* in cervical cancer.
- Biochemical parameters in HIV/ TB Co infection.
- Re-evaluation of healthy ranges of liver enzymes and analysis of red cell membranes in patients with liver diseases.
- Role of cardiac and inflammatory markers and their interrelation in Cardiac Disorders.
- Study of Serum levels of Interferon – Gamma & Interleukin – 10 in HIV infected patients undergoing treatment.
- Evaluation of Biochemical parameters in young hypertensive
- Composition of blood cell membrane and plasma lipids in children with Protein Energy Malnutrition
- Several research projects are performed in collaboration with National Institute for Research in Reproductive Health (NIRRH), IIT, Kharagpur and TIFR, Mumbai

Cardiology

Ongoing Trials

- Study with an Endothelin Receptor Antagonist in Pulmonary arterial Hypertension to Improve clinical outcome. A multicentre, double-blind, randomized, placebo-controlled, parallel group, event-driven, Phase III study to assess the effects of ACT 064992 on morbidity and mortality in patients with symptomatic pulmonary arterial hypertension.”
- Evaluation of the anti-anginal efficacy and safety of oral administration of ivabradine compared to placebo on top of a background therapy with calcium antagonists (amlodipine or nifedipine) in patients with stable angina pectoris. A 6-weeks randomized double-blind parallel-group international multicentre study
- Randomized, double-blind, triple-dummy trial to compare the efficacy of otamixaban with Unfractionated Heparin + eptifibatide, in patients with Unstable angina/Non ST segment Elevation Myocardial infarction scheduled to undergo an early invasive strategy.
- ACUTE CORONARY SYNDROME (ACS) REGISTRY
- An investigator-initiated and conducted, collaborative, phase III, multi-centric, open label, randomized, controlled trial of continuous positive airway pressure for the treatment of obstructive sleep apnea to prevent cardiovascular disease”. SAVE (Sleep Apnea CardioVascular Endpoint study)
- A multicenter, randomized, double-blind, parallel group, active-controlled study to evaluate the efficacy and safety of LCZ696 compared to enalapril on morbidity and mortality in patients with chronic heart failure and reduced ejection fraction.
- A prospective, open label, multi-centric, observational registry for heart failure patients across India
- EPICOR-Asia. Long-term follow-up of antithrombotic management patterns In Acute CORonary Syndrome patients in Asia

- Indian Heart Rhythm Society (IHRS) Registry of Atrial Fibrillation: patient Characteristics and Clinical Management Practices

Completed projects:

- PREDICT (Perceive risk of Ischemia & Bleeding in acute coronary syndrome patients).
- An International Multicentre Randomized Controlled Trial of Intensive Insulin Therapy Targeting Normoglycemia In Acute Myocardial Infarction.
- A Comparison of Prasugrel and Clopidogrel in Acute Coronary Syndrome (ACS) Subjects with Unstable Angina/Non-ST-Elevation Myocardial Infarction (UA/NSTEMI) Who are Medically Managed – The TRILOGY ACS Study

Chest medicine

Ongoing Projects

- Prevalence of Asthma and effects of Air pollution on Asthma in collaboration with National Environment Engineering & Research Institute (NEERI)
- Allergen Testing in Asthma patients
- Utility of Home Peak Expiratory Flow rate in Bronchial Asthma
- Use of Maximal Respiratory Static Pressures in Bronchial Asthma
- Co-relation of Venous Blood Lactate levels and 6-minute walk test in Chronic Obstructive Pulmonary Disease patients

Completed Projects

- To assess lung functions in patients with chronic renal disease
- To assess and correlate radiological and functional parameters in treated sputum positive pulmonary tuberculosis cases
- Study of specific IgE level in cases of Bronchial Asthma with/without Allergic Rhinitis
- Analysis of DOTS Plus data: need for Individualized Drug Regimen?

Clinical Pharmacology

Academic projects

- Pharmacogenomics of CYP2C19, ABCB1 and P2Y12 with pharmacodynamics of clopidogrel
- Evaluation of Pharmacokinetics of anti-malarial drugs in children.
- Evaluation of population pharmacokinetics of lamotrigine in Indian epileptic patients.

Sponsored projects

- Analysis and search for leads from research project reports supported by DBT through the Medicinal and Aromatic Plants Task Force
- Pharmacogenomics of anti-epileptic drugs: Role of ABCB1, CYP2C9, CYP2C19, SCN2A and SCN1A in optimizing the therapy.
- Pharmacogenomics of CYP2C9, VKORC1 and CYP4F2 with adverse effects of warfarin.
- Nuclear Magnetic Resonance spectral analysis of urine samples from malaria patients admitted to KEM Hospital, Mumbai (Pilot Study).
- Phase III trial of FDC of Arterolane maleate and PQP tablets in patients with acute uncomplicated P.Vivax malaria.
- Comparative evaluation of efficacy and safety of primaquine SR tablets vs primaquine conventional tablets in the prevention of relapse of plasmodium vivax malaria.
- Study of mesenchymal stem cells in patients with Beurger's disease.
- Evaluation of host immune response and parasite proteome in patients with severe/complicated malaria.
- Application of proteomics to aid biomarker discovery in smear positive patients of *P. vivax* and *P. falciparum* malaria.
- A phase II clinical trial on human monoclonal antibody to rabies in conjunction with a rabies vaccine for post exposure.

CVTS

Ongoing projects

- Safety and efficacy of intracoronary and intramyocardial delivery of autologous bone marrow mononuclear cells in patients with triple vessel coronary artery disease and left ventricular dysfunction undergoing surgical revascularization.
- Randomized study to assess efficacy of three different ablative procedures to treat atrial fibrillation in patients with valvular heart disease.

Dentistry

- Quantitative evaluation of pocket formation and bone destruction in patients with class II cavities in the posterior teeth pre and post restoration (completed)
- An epidemiological study to assess determinants associated with oral health morbidities among secondary school students in an urban municipal school. (with PSM department).
- A randomized open label comparative study evaluating the efficacy and tolerability of diclofenac plus paracetamol FDC versus Ibuprofen in the management of dental pain following tooth extractions.

Dermatology

- Stevens – Johnson syndrome (SJS), toxic epidermal necrolysis (TEN) and SJS-TEN overlap: A prospective study of epidemiology and clinical course.
- A clinical study of genodermatoses in a tertiary centre
- A clinical study of follicular hyperkeratoses in a tertiary centre

Endocrinology

Academic Projects:

- Genotype-Phenotype Correlation in Indian Patients with Pheochromocytoma/ Paraganglioma
- Genotype, Phenotype and Radiological Correlation of Idiopathic Hypogonadotrophic Hypogonadism
- Phenotype and Genotype correlation of growth hormone deficiency
- Prevalence of subclinical Cushing 's syndrome in patients with type 2 diabetes mellitus
- Study of efficacy of ketoconazole and/or cabergoline in uncured Cushing disease
- Comparison between a low dose maintenance treatment with anti thyroid drugs versus standard protocol in patients with graves' disease
- To study the cardiac valvulopathy due to cabergoline treatment in patients with Prolactinoma
- To estimate age and sex wise prevalence of thyroid autoimmunity and thyroid dysfunction in first degree relatives of patients with primary autoimmune hypothyroidism
- Phenotype & Genotype of Gigantism secondary to Growth hormone producing pituitary Adenoma
- Retrospective audit of management of patients with Acromegaly.
- Molecular Genetics in Vitamin D and Bone Mineral study
- Evaluation of Salivary Cortisol in the diagnosis of Cushing syndrome.

Pharmaceutical:

- A Phase 3, Randomized, Double-blind, Placebo-controlled, Parallel group Study to Evaluate the Efficacy and Safety of Ranolazine When Added to Metformin in Subjects with Type 2 Diabetes Mellitus. Study Number: GS-US-259-0147
- A Multicenter, International, Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Assess the Efficacy and Safety of AMG 785 Treatment in Postmenopausal Women with Osteoporosis.
- A phase 2, Randomized, Double-blind, Placebo Controlled, Dose-ranging, Parallel group study to Evaluate the safety and Efficacy of PF-04937319 and Sitagliptin on Glycemic Control in adult patients with type 2 diabetes mellitus inadequately controlled on metformin.
- A phase III Randomized placebo controlled clinical trial to assess the safety and efficacy of Odanacatib (MK-0822) to reduce the risk of fracture in osteoporotic postmenopausal women treated with Calcium and Vitamin D.
- The Genetic and Neuro Endocrinology of Short Stature International Study (GeNeSIS).
- Liraglutide Effect and Action in Diabetes: Evaluation of cardiovascular outcome Results. A long term, multi-centre, international, randomized double-blind, placebo- controlled trial to determine liraglutide effects on cardiovascular events.
- A 26 week randomized, parallel three-arm, open label, multi-center, multinational treat-to-target trial comparing fixed ratio combination of insulin degludec and liraglutide versus insulin degludec or liraglutide alone, in subjects with type 2 diabetes treated with 1-2 oral anti-diabetic drugs(OADs)

Collaborative studies:

- To formulate Registry of people with Diabetes with Young Age at the Onset in Western India – ICMR
- Study of PON1 gene variants and its association with cardiovascular disease (CVD) risk factors in women with PCOS – NIRRH

- Efficacy of Stereotactic conformal radiotherapy (SCRT) compared to conventional radiotherapy in minimizing late sequelae in children and young adults with brain tumors (SCRT Trial) – TMH

Gastroenterology

Ongoing projects

- AST and ALT levels in normal healthy volunteers
- Anorectal manometric parameters of healthy adult volunteers
- Intestinal permeability in Portal Hypertension compared with that in normal subjects
- Evaluation of Pharmacokinetics of single dose Primaquine (15mg) in patient with hepatic dysfunction
- Histopathology features of acute on chronic liver failure and its relation to clinical outcome
- Characterization of minimal hepatic encephalopathy standardization and validation of the psychometric hepatic encephalopathy score (PHES) A multicenter Indian Study
- Study of colonic transit time on patients of irritable bowel syndrome and their correlation with Bristol stool score
- To study the role of socioeconomic factors in patients of hepatic venous outflow tract obstruction (HVOTO)
- To study cost effectiveness of lactulose and rifaximin treatment in hepatic encephalopathy
- Hepatic venous outflow tract obstruction (HVOTO) and pregnancy outcome in Indian woman at a tertiary care centre of India – a case control study
- To study role of non – invasive assessment of liver fibrosis and the clinical correlation in patients with cirrhotic portal hypertension (EHPVO and NCPF)
- Reinvestigation of functional dysphagia with Non Esophageal Motility Disorder and normal manometry

Completed projects:

- Non cirrhotic portal fibrosis may not be a dying disease.
- Predicting response of therapy in achalasia cardia on High Resolution Manometry (HRM)
- Assessment of nutritional status in Patients with ulcerative Colitis.
- Application of newer classification of achalasia cardia
- Role of Anorectal Manometry in predicting outcome of colostomy closure.
- Pregnancy outcome is poor in women with Hepatic Venous Outflow Tract Obstruction.
- Evaluate and compare the acid inhibitory effects of Rabeprazole and Pantoprazole with reference to CYP2C19 phenotype and genotype status in normals.

GI surgery

- Study of Portal Biliopathy
- Anesthetic Lozenges for endoscopy completed
- Hegel study
- Factors affecting outcome in surgery for Ulcerative Colitis
- Predicting outcome in patients undergoing pancreatic surgery and its correlation with texture of pancreas

Hematology

- Clinical and laboratory profile of PNH
- Molecular remission with Arsenic trioxide in Acute Promyelocytic Leukemia (Indian APML study group – IASG)
- The effect of pharmacological agent - hydroxyurea on the phenotypic and genotypic expression of the sickle Hemoglobinopathies
- The effect of pharmacological agent - hydroxyurea on the phenotypic and genotypic expression of the thalassemia Intermedia patients (Hemoglobinopathies)

Medicine

- Profile of atrial fibrillation
- Profile of peripartum patients presenting with bleeding.
- Clinical profile of Psoriatic arthritis
- Comparison of diagnostic criteria in SPA
- Open label, randomized dose escalation phase II study in adult volunteers to evaluate safety and pharmacokinetics of

human monoclonal antibodies to rabies in comparison to human immune globulin in conjunction with rabies vaccine (Collaboration with Department of Pharmacy and Bharat serum)

- Beside estimation of glomerular filtration rate in hospitalized elderly (age ≥ 60 yrs) patients and effect of co-morbid conditions and drug treatment on the glomerular filtration rate- MICU
- Adverse events in MICU (collaboration with ICMR)
- Adverse drug events in Geriatric indoor patients.
- SOFA score as a predictor of ventilator therapy outcome in critically ill patients in medical intensive care unit (MICU) of tertiary care hospital in Mumbai.
- Evaluation of prescribing pattern and quality of life of hypertensive patient in general ward of tertiary care hospital in Mumbai.
- To study acute renal failure in medical and neurological intensive care unit (MNICU) and to predict its outcome using sequential organ failure assessment score (SOFA score)
- To study clinical profile of critically ill patient pregnant post partum with medical illness admitted to medical neurological ICU.
- To study fulminant hepatic failure in MNICU and to predict its outcome.
- To study prolonged mechanical ventilation in MNICU.
- Hematological Profile of confirmed patients of malaria leptospirosis and dengue
- Clinical profile of plasmodium vivax malaria patients with its complication and comparison of ARF Vs Other complications
- To study the clinical profile and follow up for one year with response to treatment in newly diagnosed cases of lupus nephritis.
- To study clinical profile of patients with systemic sclerosis and MCTD with predominant systemic sclerosis and response to therapy including Immunomodulators.
- A study of metabolic syndrome in systemic lupus Erythematosus patients Care- Dec.2011
- A study of clinical and immunological manifestations of patients with Antiphospholipid antibody syndrome and their one year follow up. Care-2012
- A Randomized, Double-Blind Phase 2b Study to Evaluate the Efficacy, Safety and Tolerability of A-623 Administrations in Subjects with Systemic Lupus Erythematosus (ANSLE 3321).
- A Phase III, Multi-Centre, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study of Two Dosing Regimens of Fostamatinib Disodium in Rheumatoid Arthritis Patients with an Inadequate Response to DMARDs.
- Clinical profile of the patients presenting with 'Cortical Venous Thrombosis'.
- Study of Neurological manifestations in vivax malaria.
- Study of ABPI and its correlation with diastolic Blood pressure, dyslipidemia and anthropometric measurements.
- Study of prevalence of Hypertensive Crisis and their relation to diastolic blood pressure and other factors
- Retrospective and prospective study of patients with aortoarteritis
- Study of hypertension in elderly subjects
- Study of Clinical profile of Hypertension with Diabetes Mellitus
- Role of relaxation therapy in patients with hypertension (collaboration with Department of Occupational therapy)
- A prospective observation study to evaluate prescription patterns and factors affecting drug use in geriatric hypertensive patients in a tertiary care hospital
- Evaluation of important biochemical parameters in young hypertensive (collaboration with Department of Biochemistry)
- Lifestyle risk factors and effectiveness of lifestyle interventions on Metabolic Syndrome (collaboration with Department of Biochemistry)
- Assessment of cognitive performance in Hypertensive and normotensive individuals of age group 40 to 75 years (collaboration with Department of Physiology)
- Prospective & retrospective observational study of HIV infection in patients consuming alcohol.
- To study the spectrum of liver diseases in HIV infected individually

Microbiology

Completed projects:

Utility of real time PCR for simultaneous detection of TB and rifampicin drug resistance (in collaboration with Radiation Medicine centre, BARC, Tata Memorial Hospital)

Ongoing projects:

- A multicentric national project on “A population based surveillance of invasive disease caused by *S.pneumoniae* or *H.influenzae* or *N.meningitidis* in children less than 5 years of age in India” . (initiated and supported by CMC-Vellore).
- Comparison of an automated blood culture system (BACTEC 9050) with conventional blood culture for rate and time to recovery of aerobic bacteria from blood.(supported by BD India Pvt td)
- Community and hospital burden of antibiotic resistance in the Indian pediatric population,impact of probiotics and geography (supported by ICMR).
- Study on streptococcal pyoderma with special reference to the role of streptococcal inhibitor of complement (SIC) and distinctly related SIC (DRS) in post streptococcal glomerulonephritis and chronic renal disease.(supported by ICMR)
- Co-relation of quantitative estimation of C- reactive protein (CRP) in acute cases of Chikungunya’
- Comparison of DBS with conventional serum sample for detection of Hepatitis B surface antigen & Anti HCV antibodies.
- HIV Sentinel Surveillance(HSS) 2012 (NACO)
- Utility of a simple rapid ICT test (Enterocheck – WB) for typhoid fever in comparison to the conventional Widal test.
- Re-evaluation of the diagnostic titre of H and O agglutinins in Widal test for the diagnosis of typhoid fever in Mumbai.
- Utility of FDA staining in smear positive follow up patients on anti tuberculosis treatment (supported by Research Society Grant)
- Comparison of PCR and conventional blood culture for detection of bacterial pathogens in blood.(supported by DJST)

Dissertation / Thesis topics:

Completed

- Diagnosis of pediatric tuberculosis with special reference to polymerase chain reaction and urinary lipoarabinomannan assay.(MD-dissertation, supported by grant from RNTCP)
- Molecular characterization of carbapenemase resistance with special reference to NDM1, KPC and VIM.(MD-dissertation)
- Bacterial blood stream infections in HIV infected individuals.
- Association of HLA with HIV-1 transmission in serodiscordant couples.
- Prevalence of parasitic infections in school children.
- Surveillance of pathogens and their resistance pattern in urinary tract infections in HIV infected patients.
- Study of enterococcus with special emphasis on characterization of vancomycin resistance, lateral transfer of drug resistance and plasmid profiles.(PhD)
- Study on the kinetics of human immune response with special reference to Streptococcal C5a peptidase and its correlation with antiDNase B and ASO titres (MSc thesis)

Ongoing

Parasitology

- Comparative study of light microscopy, antigen detection and Light Emitting Diode Microscopy for diagnosis of malaria.
- Prevalence of *Blastocystis hominis* in patients having Irritable Bowel Syndrome.
- Prevalence of intestinal parasitic infections in renal transplant recipients.

Tuberculosis

- Characterization and detection of multidrug resistance in mycobacteria from extrapulmonary tuberculosis.
- Utility of Light-Emitting Diode microscopy for the diagnosis of Pulmonary Tuberculosis in HIV infected patients.
- Prevalence of multi drug resistance in pediatric tuberculosis.
- Colour test for rapid detection of MDR & XDR TB using thin layer agar method.

Bacteriology

- Carriage rate of antibiotic resistant bacteria in throat and colon of apparently healthy school going children.
- Susceptibility of multidrug resistant organisms to routinely used antiseptics and disinfectants.
- *Staphylococcus aureus* prevalence among HIV infected outpatients and their outcome.
- Molecular characterization of groups A,C and G streptococcus with special reference to MLST (PhD synopsis submitted)
- Molecular characterization of clinical isolates of groups A,C & G streptococci from urban slums of Mumbai and aadiwasi population from Maharashtra with special reference to multilocus sequence typing(MLST).
- Prevalence of *Clostridium difficile* associated diarrhoea and its related risk factors

- Study on streptococcal pyoderma with special reference to the role of streptococcal inhibitor of complement (SIC) and distinctly related SIC (DRS) in post-streptococcal glomerulonephritis and chronic renal disease.
- Bacteriological study of pyoderma cases with special reference to molecular typing (EMM typing) of beta- hemolytic streptococcal isolates.

Virology

- Comparison of dried blood spot(DBS) with conventional serum sample for detection of Hepatitis B surface antigen (HBs Ag) and anti HCV antibodies.
- Prevalance of human papilloma virus infection : comparison between HIV infected and HIV non-infected women.
- Correlation of quantitative estimation of C-reactive protein (CRP) in acute cases of Chickungunya in Mumbai.

Immunology

- Role of CD 64 expression in neonatal sepsis.

Neonatology

- Comparison of NIPPV with NCPAP as a weaning mode in babies with respiratory distress syndrome
- INSURE : An Indian experience
- Randomized control trial of fluid restriction in term neonates with Hypoxic Ischemic Encephalopathy
- Role of CD64 in the diagnosis of Neonatal Sepsis
- Evaluation of CD11b, CD64, CD88, CD 282 as early diagnostic markers in detection of neonatal sepsis
- To evaluate the clinical effects of early (10 seconds) v/s Delayed (60 seconds) umbilical cord clamping in preterm infants (<32 weeks): A randomized controlled trial.

Collaborations:

- Facility Based Newborn Care (collaboration with National Reproductive and Child Health Program of Ministry of Health & Family Welfare, Government of India supported by Norway India Partnership Initiative (NIPI) & UNICEF)
- Newborn Screening (collaboration with ICMR)
- Evaluation of CD11b, CD64, CD88, CD 282 as early diagnostic markers in detection of neonatal sepsis (collaboration with National Institute of Immunohematology, ICMR)
- Association of HLA with HIV infection (collaboration with NIRRH)
- Ophthalmic evaluation of normal babies and High Risk NICU graduates (collaboration with KB Haji Bachooali Charitable Ophthalmic and ENT hospital, Mumbai)
- Role of CD64 in the diagnosis of Neonatal Sepsis (collaboration with Dept. of Microbiology)
- Comparison of Polymerase Chain Reaction (PCR) and conventional blood culture for detection of bacterial pathogens in blood (collaboration with Department of Microbiology)

Nephrology

- National CKD prevalence in Mumbai
- Pattern of glomerular diseases at tertiary care setting
- Nutrient intake and nutritional evaluation in various stages of CKD
- Darbepoetin clinical Trial : CDP/02/07 A randomized, open label, multicenter study to evaluate the efficacy and safety of Darbepoetin as compared to Erythropoietin in patients with anemia of chronic kidney disease (CKD)
- Clinical profile, antibiotic susceptibility and treatment outcome in Urinary Tract Infection due to (ESBL) Extended spectrum Beta Lactamase producing bacteria.
- Isolation, characterization of multipotent renal progenitor cells & its evaluation in the experimental animal model of Acute Renal Ischemia & reperfusion Injury
- New onset diabetes in renal transplant
- Post Transplant Erythrocytosis

Neurology

- A multicenter, double-blind, randomized, placebo-controlled, 4 parallel groups, dose-ranging trial evaluating the efficacy and safety of brivaracetam used as adjunctive treatment at doses of 5, 20, and 50mg/day in b.i.d. administration (oral tablets of 2.5 or 10 mg) for a maximum of 7 weeks in subjects from 16 to 65 years with refractory epilepsy suffering from partial onset whether or not secondarily generalized
- A phase 2 multicenter, double blind, placebo controlled, Dose ranging study to Determine the safety and efficacy of

Daclizumab HYP (DAC HYP) as a monotherapy treatment in subjects with Relapsing – Remitting Multiple Sclerosis (MS)

- A double blind randomized placebo-controlled multicenter study to compare the efficacy and safety of intravenous Kallikrein versus placebo along with standard supportive care in treatment of mild to moderate ischemic strokes
- A double blind, randomized, placebo controlled multicenter study to assess the efficacy and safety of adjunctive zonabamie in paediatric partial onset seizures
- A double blind, randomized, placebo controlled multicenter parallel group study to evaluate the efficacy and safety of Brivaracetam in subject (≥ 16 to 80 yrs old) with partial seizures

Nuclear Medicine

- Indirect radionuclide scintigraphy as a screening tool for diagnosis of bladder dysfunction – multicentric study (collaboration with Great Ormond Street Children Hospital, London, UK)
- Myocardial viability on cardiac PET scan
- Dilated Cardiomyopathy- Ischemic versus non-ischemic.

Obstetrics and Gynecology

- Use of modified POP-Q classification for staging and quantification of pelvic organ prolapse.
- Evaluation of site specific repair of vaginal wall prolapse
- A study on teenage pregnancy and its outcome.
- Hospital based surveillance of female genital fistula – An ICMR task-force project
- Evaluation of Progesterone Vaginal Ring (PVR) as a new contraceptive option in India
- Tranexamic acid for the treatment of postpartum hemorrhage: An International, randomized double blind, placebo controlled trial
- Development of Multistain probiotic Lactobacillus formulation effective against reproductive tract infections.
- Do uterine fibroids alter the Endometrial Receptivity
- A Prospective Comparative Study to Evaluate the Efficacy of Ultrasonography and Hysteroscopy and their correlation with histopathology of the endometrium in a case of abnormal uterine bleeding
- Comparative study to evaluate the efficacy of 30mg of Ormeloxifene in comparison to 60mg of Ormeloxifene in cases of Dysfunctional Uterine Bleeding
- Comparative Study Of Visual Inspection Of The Cervix (Via) By 3% Acetic Acid Versus Pap Smear By Bethesda Method In Sexually Active Women Of Age Group 25 – 50 Years As An Equally Or More Effective
- Cervical Cancer Screening Method in a Low Resource Setup.
- Use of Human Fetal Samples as Referral Controls during Differentiation and Pre- clinical Evaluation of Human Embryonic Stem Cells (collaboration with NIRRH)
- Cryopreservation of Primordial Follicles and In Vitro Culture of Primordial Follicles (collaboration with NIRRH)
- Contraceptive vaginal ring releasing etonogestrel and ethinylestradiol (NuvaRing): Cycle control, acceptability and tolerability study in Indian women
- A study to evaluate willingness in females for daughter's HPV vaccination after self-screening for HPV infection (collaboration with NIRRH)
- Clinical Evaluation of dexibuprofen versus Ibuprofen in Primary Dysmenorrhea Treatment
- A study of incomplete abortions following Medical Method of Abortion (MMA)
- Collectins and other immune related proteins in immunoregulation of pregnancy maintenance (collaboration with NIRRH)
- Association of Chlamydia trachomatis infection and HLA in the manifestation of reproductive complications (collaboration with NIRRH)
- Association of host immunogenetic factors with Human papillomavirus (HPV) infection in development of cervical cancer in Indian women (collaboration with NIRRH)
- Embryo loss due to epigenetic disturbance in the male germ line (collaboration with NIRRH)
- Purification of immune related proteins from pooled human amniotic fluid collected at term (collaboration with NIRRH)
- Embryo loss due to epigenetic abnormalities in the male germ line (collaboration with NIRRH)

- Association of host immunogenetic factor with HPV infection in development of cervical cancer in Indian women (collaboration with NIRRH)

Occupational therapy

- To study the effect of Occupational Therapy intervention on balance and its impact on ADL in patients with right and left cerebral infarcts – A comparative study
- To study the effectiveness of multitasking during treadmill activity to enhance dynamic balance strategies in activities of daily living in patient with cerebellar ataxia
- To study the effect of Occupational Therapy on fatigue and quality of life in patients with Guillian Barre Syndrome
- To study the effectiveness of cognitive rehabilitation using Montreal Cognitive Assessment (MoCA) in patients of epilepsy post anterior temporal lobectomy
- To study the effect of alert program on self regulation and social behaviour of children with attention deficit hyperactivity disorder (ADHD)
- To study the effectiveness of brain gym exercises to improve visual perceptual skills in children with learning disability.
- Hemophilic Arthropathy, Synovitis and Disability
- Pain and Joint Tightness using Electroacupuncture and Myofascial Release

Ophthalmology

- A study on viral conjunctivitis
- A comparative study of visual outcome and complication in case of posterior segment intra ocular foreign body treated via pars plana approach versus external approach
- A study of microbial keratitis in a tertiary referral center
- A comparison of visual outcome in anterior chamber intra ocular lens of ACIOL versus scleral fixated PCIOL

Orthopedics

- Functional and Radiological outcome of Total Hip Replacement in AVN
- THR in non union trans-cervical femur neck fractures
- Functional and radiological outcome of osteoarthritis knee with varus deformity operated with knee replacement with optimum soft tissue balancing technique
- Fluoroscopic guided pedicular biopsy in spinal pathology.
- Follow up of patients of fracture neck femur treated with dual mobility THR.
- Evaluation of posterior superior acetabular margin - an intraoperative guide for prosthesis placement in intertrochanteric femur fracture treated with bipolar hemi arthroplasty.
- Total Hip and Knee Joint Arthroplasty in PWH (patients with Hemophilia)
- Short term of follow up of patients with irreducible atlantoaxial instability treated with anterior release and fixation.
- Acetabulum displaced and nondisplaced one year followup.
- Co-relation of cast and padding index as a predictor of redisplacement of radius ulna shaft fractures at 2 weeks in paediatric population.
- Bhosale dual hip approach. Total Hip Replacement in externally rotated hips, single incision dual approach. Retrospective analysis of 200 consecutive cases over past 22 years.
- Total Hip Replacement in Tuberculosis of hip: Retrospective analysis of 75 consecutive cases
- Post traumatic intra-articular fractures around the knee – case series.
- The use of stem cells in Osteoarthritis of the knee
- Transpedicular Biopsy of Spinal Pathologies

Pathology

- Comparative Evaluation of Malaria Rapid Diagnostic Test Kits: To evaluate an unknown kit in comparison with the standard known kits and with the gold standard “peripheral smear
- Effect of Bacopa Monniera extract on lipid peroxidation of cultured human endothelial cells. A cell culture approach

Pediatric surgery

- Efficacy of propranolol in the management of cutaneous hemangiomas

- Surgical site infections in pediatric surgical practice
- Comparison of different products in the prevention of peri stomal excoriations
- Role of conservative surgery in the management of ovarian torsion
- Study of head injury
- Efficacy of topical Betamethasone in the management of phimosis
- Biliary Atresia – follow-up
- Role of USG guided hydrostatic reduction of intussusception in pediatric Population
- Study of thoracoscopic repair of congenital diaphragmatic hernia
- Study of esophageal atresia and tracheo-esophageal fistula
- Study of various operative procedures for Hirschsprung's disease
- Study of traumatic urethral strictures

Pediatrics

- A Phase 3, Randomized, Multi-Center, Multi-National, Double-Blind Study to Evaluate the Efficacy, Safety and Pharmacokinetics of Once Daily Versus Twice Daily Dosing of Genz-112638 in Patients With Gaucher Disease Type 1 Who Have Demonstrated Clinical Stability on a Twice Daily Dose of Genz-112638 (EDGE)
- A Phase 4, prospective, multinational, open-label, non-inferiority study of Alglucosidase alfa manufactured at the 160 L and 400 L scales in treatment naïve patients with infantile-onset Pompe disease (PEAS)
- An open label, multicenter, dose escalation study to evaluate the safety, tolerability, efficacy, pharmacokinetics and pharmacodynamics of SBC – 102 in children with growth failure due to lysosomal acid lipase deficiency.
- Fungal infection in PICU for fellowship of pediatric critical care
- Comparing reactogenicity between 2 vaccines – a part of multi centric study
- Study of prevalence of MRSA in children
- Study Sodium levels in indoor patients receiving isotonic verses hypotonic maintenance fluid
- Newborn Screening for Congenital Hypothyroidism & Congenital Adrenal hyperplasia: A Multicentric Study (collaboration with ICMR)
- Determination of hexosaminidase activity in cultured human fibroblasts
- Clinical Correlation & Evaluation of Spirometry in Children with Asthma
- An assessment of asthma- related anxiety levels in parents/ guardians of children with asthma using the Parent Asthma-Related Anxiety Scale (PAAS)
- A study of acute kidney injury in a tertiary care Pediatric Intensive care unit using the pRIFLE score
- Study of fungemia in pediatric intensive care unit and associated risk factors
- Perception of grandmother regarding breast feeding
- Efficacy of ACE-1 inhibitors when used along with digoxin and/ or diuretics in treatment of congestive heart failure in children
- Study of spectrum of congenital heart disease & associated anomalies in a tertiary care hospital
- Correlation between clinical manifestations and immunosuppression (CD4 level) in HIV-infected children
- Role of Therapeutic Drug Monitoring of Anticonvulsants in Management of children with Epilepsy
- Quality of life in children with congenital heart disease following non-surgical cardiac intervention
- The study of the incidence, etiology, risk factors and outcome of ventilator associated pneumonia in a tertiary care level III Pediatric intensive care unit of public hospital
- Factors affecting ART adherence among children- parent's perception
- Clinical profile of childhood asthma in a tertiary care centre
- Parental Perceptions of their child's asthma, management and medication use
- Thrombocytopenia in children – A study of Clinical, Biochemical profile and Therapeutic outcome
- Evaluation of Pharmacokinetics of Anti malarial Drugs in children
- A study of comparison between blood transfusion/conservative management among severe anemia patient with malaria at a tertiary care centre
- Factors influencing the prognosis of epilepsy in children
- Optimal Breast feeding practices-Are they a myth or reality- An observational survey
- Clinical Profile and Outcome of Acute Respiratory illness in patients admitted to Pediatric intensive care unit of Tertiary Care Teaching Hospital

- Quality of life in HIV infected children in relation with CD4 count and ART treatment
- Current status of disease severity and chloroquine responsiveness in children with *P. vivax* malaria
- Efficacy of antipyretic prophylaxis & antipyretic with Clobazam prophylaxis in prevention of recurrence of simple febrile seizures
- Role of FNAC in evaluation of lymphadenopathy in pediatric age group & its clinicopathological correlation
- Evaluation of pharmacokinetics of Chloroquine in children
- Nasal carriage of MRSA & antibiotic susceptibility in healthy preschool children
- Correlation between Clinical features & neuroimaging findings in children with epilepsy
- Gaucher's disease – Clinical characteristics, genotype-phenotype association & response to enzyme replacement therapy
- An intervention for improvement in knowledge & attitude of parents/guardians as regards inhalational therapy in pediatric asthma
- To determine risk factors for mortality in HIV-positive pediatric patients on ART

Pharmacology and Therapeutics

Ongoing projects:

Academic

- Evaluation of potassium clavulanate and *Withania sonnifera* in animal models of alcohol addiction.
- Prescription audit of perioperative anesthetic drugs in surgical wards of a tertiary care hospital.
- To evaluate the efficacy of intra-articular injections of ketamine in comparison with triamcinolone acetate, Hyaluronic Acid and Dextrose 25% on joint pathology and pain behavior in an osteoarthritic model.
- Evaluation of the effect of *Boerhavia diffusa* on gentamicin induced nephrotoxicity in rats. Evaluation of effects of two formulations of Indian medicinal plants in experimental models of steroid induced cytotoxicity in mice thymocytes.
- A prospective randomized placebo controlled comparative study to evaluate the efficacy of standardized aqueous extract of *Withania somnifera* and *Tinospora cordifolia* on physical performance and cardiovascular performance in response to exercise in healthy adults.
- Drug utilization pattern of anti-epileptic drugs and direct & indirect cost estimation in the treatment of epilepsy in tertiary care hospital.
- Evaluation of anti-arthritis potential of bupropion and dashmularishtshtha in adjuvant induced arthritis: an experimental study.
- Effect of flumazenil on memory retrieval determined by using trial to criteria avoidance method in mice.
- Evaluation of effects of minocycline on expression, extinction & reinstatement in alcohol induced conditioned place preference in mice.
- Current Practice of Analgesic Use for Management of Pain in Outpatients at a Tertiary Care Hospital - A cross sectional questionnaire based Study.

Industry sponsored

- Evaluation of safety & efficacy of *Withania somnifera* in chronically stressed patients.
- To compare the efficacy and safety of SHL piles kit in the treatment of internal haemorrhoids.

Completed Projects

Academic

- Evaluation of drug utilization pattern in geriatric hypertensive patients attending hypertension OPD at K.E.M Hospital.
- Assessment of effectiveness and impact on quality of life of different treatments for rheumatoid arthritis.
- Evaluation of antidepressant activity of piracetam in animal model of behavioral despair.
- Evaluation of effect of Mandurabhasma on structural and functional integrity of small intestine in comparison with ferrous sulphate using an experimental model of iron deficiency anemia. Evaluation of drug utilization in pregnant women attending antenatal OPD of a tertiary care hospital.
- Evaluation of Effects of Indian Medicinal Plants against Doxorubicin-induced Cardiotoxicity.
- An observational study to determine the presence of any association between different "prakritis" as described in Ayurveda and disease severity, subtypes and quality of life in patients of Irritable Bowel Syndrome.
- Exploratory study of healthy volunteers for the assessment of Dhatusarata.
- Fixed dose combination – determination of their usage by prescription audit & a critical appraisal of their rationality.

- Evaluation of drug utilization & awareness of antidiabetic medication in patients suffering from diabetes attending the endocrinology OPD in a tertiary care hospital.
- An experimental study on reduction in ethanol consumption by ceftriaxone and ampicillin compared to naltrexone in potentially alcoholic rats. Evaluation of symposium /seminar as teaching learning tool in post graduate curriculum.
- Role of Dopamine D2 receptors in spatial memory retention & retrieval determined using Hebb-williams complex maze.
- Analysis of NSAIDS usage and prescription monitoring in Orthopaedic OPD in KEM hospital”.
- Participation of Human volunteers (non patients) in clinical research studies conducted at a tertiary care hospital – a review of ethical issues.
- Ethical issues in biomedical research: Analysis of research projects submitted to the ethics Committee of a tertiary care hospital in Mumbai.
- Effect of *Putranjiva roxburghii* and *Curculigo orchoides* on phagocytosis and chemotaxis by polymorphonuclear cells (in vitro study)
- Biological confirmation of the HPTLC results of steroidal adulteration in Ayurvedic drug sample.

Industry Sponsored

- Effect of Extramune Tablet and Extramune Syrup on phagocytosis and chemotaxis, by polymorphonuclear cells (in vitro study).

Physiology

Completed Research:

- Determining the norms for aerobic capacity in young healthy Indian population aged 18-25 years
- Comparative study of auditory and visual reaction time in normal young Indians and players of Indian sports Kho-kho and kabaddi
- Comparative study of visual and auditory reaction time in resident doctors before and after 24 hours emergency duty
- Effect of different musical tempo on post exercise recovery and VO2 Max in young adults

Ongoing Research:

- Gender differences in effects of cognitive stress on working capacity
- Comparative study of physical fitness parameters in working women and homemakers aged 20-50 years
- Study of physical fitness in cricket players in Mumbai
- Comparative study of cardio-vascular autonomic responses in children of parents having diabetes and non-diabetes in the age group 18-25 years
- Comparative study of pulmonary function tests in athletes and non-athletes and its co-relation to BMI
- Study of Physical fitness in cricket players in Mumbai
- Effect of aerobic exercise on pulmonary function tests and VO2 Max in young healthy adults
- Observation study of pattern of recovery of reflexes in spinal cord injury patients
- A study of bleeding time and clotting time in different phases of menstrual cycle
- Evaluation of emotional intelligence and perceived stress in first year medical students of age group 18-22 years
- Study of blood pressure changes and anthropometric parameters in normotensive subject with or without family history of hypertension
- The acute effect of caffeine consumption on blood pressure in first year medical students aged 18-22 years
- Acute stress response detection in computer game players
- O’Connor Finger Dexterity tests as a means to evaluate resident’s surgical performance
- Correlation between body mass index, waist circumference and physical fitness indices in underweight normal and overweight adolescents
- An observational study to analyse differences in colour perception amongst male and female medical and paramedical students
- To study the association of waist circumference and body mass index with pulmonary function in normal weight over weight and obese otherwise healthy students
- The study comparing the efficiency of body mass index with that of body fat percentage by using bioelectrical impedance analysis in classifying obesity in young medical and paramedical students
- To study pain perception during different phases of menstrual cycle

Plastic surgery

- A phase III randomized, double blind, multi-centre study of Xylentra[™] versus silver sulfadiazine for efficacy and safety in patients with partial thickness burns in India

Physiotherapy

- Objective analysis of Physical function testing.

PSM

- Perspectives of program managers implementing targeted intervention projects in HIV/AIDS for female sex workers
- An epidemiological evaluation of outcome and impacts of community based Anti-malarials activities in tertiary care hospital
- A Study of Epidemiological determinants influencing health and health care amongst women domestic workers in the city of Mumbai
- A Study of Epidemiological determinants influencing health and health care among the construction workers in the city of Mumbai
- The Study of Determinants of Alcohol Dependence and successful alcohol de-addiction in patients attending de-addiction clinic of a Tertiary Health Care Center
- A Study to assess determinants of obesity among adolescents in a municipal & private school of a Metropolitan City
- Longitudinal study to determine correlates of antenatal care activities with pregnancy outcomes amongst women registered in antenatal clinic in an Urban Health Center
- To study epidemiological factors in gender based violence against women in reproductive age group coming to gender resource center located in metropolitan city
- Assessment of utilization of reproductive and child health services and client satisfaction regarding the same at PHC level
- A longitudinal Study of epidemiological factors related to road traffic accidents and their impact on patients.
- A Study to assess the effectiveness of the training intervention on diagnostic, management and referral practices for Tuberculosis and their involvement in DOTS Program in an Urban Slum Area.
- An epidemiological study to assess determinants associated with oral morbidities among secondary school students in an urban municipal school.
- To assess the effect of nutritional intervention on under nourished adolescent school going girls.
- A study of utilization of health care services with special reference to maternal & child health in an urban slum community of a Metropolitan City.
- Morbidity profile of patients attending chronic O PD at urban slum area of Mumbai City
- A study to evolve need based interventions for strengthening ANC services in Urban Health Centre Roles, responsibilities, scope & work facilitation from the perspective of ASHA workers working at a PHC
- An epidemiological study of street based FSWs with special reference to their lifestyle, health needs and sexual behavior in select suburban areas of Mumbai City.
- A longitudinal study to assess cost incurred by patients undergoing treatment for T.B in DOTS Centre of an urban slum area
- A cross sectional study of information sought through Right To Information Act protocols in a tertiary care hospital.
- An epidemiological study of adverse event following Immunization in Under five children
- A Study to evaluate Ergonomic parameter related to patient handling task & its implication on quality of life amongst nursing staff in Tertiary Care Hospital.
- A Cross sectional Study of behavioral problems of secondary school children and assessment of parents and teachers
- An Epidemiological study to find out risk factors prevalence of DM type 2 in clerical staff working in tertiary care Hospital
- Developing responsible parenthood attitudinal model amongst adolescent boys and girls in tribal ashram shala with reference to reproductive and child health (RCH) program
- A study of occupational determinants influencing health status of bus drivers of Public Transport System in an Urban Area.
- A cross sectional comparative study prevalence of Tobacco consumption in school going adolescent boys in urban slums and rural settings.

- A cross-sectional study to assess the scope, implementation and utilization by rural area of Telemedicine system located in an apex institute.
- A Epidemiological study to find out prevalence of hypertension & assessment of adherence to treatment to hypertensive in urban slums of Mumbai.
- A comparative cross sectional study of diagnosis & treatment delay among new smear positive pulmonary tuberculosis patients reporting at peripheral urban health center and a tertiary hospital in a metro city.
- Cross-Sectional Study to evolve Community Based Model for Promotion of Adolescent health initiative in girls in rural area.
- Cross-sectional epidemiological study of tobacco use amongst women in rural area.
- Morbidity profile of patients attending chronic OPD at urban slum area of Mumbai City
- A Epidemiological study of health status of mentally challenged Children attending special school.
- The study to assess morbidity patterns among solid waste worker of municipal corporation in a metropolitan city.
- An Epidemiological Study of STI/RTI management with focus on partner management in the STI clinic.
- An Epidemiological study of Trans-gender with special reference to lifestyle, health need and high risk behavior in suburban area of Mumbai.
- The department implemented the Project on evaluation of Janani Suraksha Yojana scheme on behalf of Directorate of Health Services, Govt. of Maharashtra.
- The department implemented Project on Community Based monitoring in NRHM on behalf of Directorate of Health Services, Govt. of Maharashtra.

Psychiatry

- Evaluating psychiatric comorbidity, life events, soft neurological signs, cognitive function in patients with obsessive compulsive disorder
- A Comparative Study of Factors Associated with treatment Resistant Depression
- Psychiatric aspects of Refractory Temporal lobe epilepsy before & after epilepsy surgery.
- Neuropsychiatry study of Dementia patient in General Hospital Unit Psychiatry
- A study of prevalence of comorbid psychiatric disorders and Neurocognitive impairment in patients of alcohol dependence
- Gender differences in patient with schizophrenia in terms of clinical profile socio-occupational function social support and caregiver burden

Ongoing Projects:

- Clinical Protocol CN162010 A multicenter, randomized, double-blind, and active-controlled, and comparative, fixed, and dose response study of the efficacy and safety of BMS-820836 in patients with treatment resistant major depression.”
- Clinical Protocol CN162010 dated 21-Apr-2011, “A multicenter, double-blind, 58 week rollover study to assess the safety and tolerability of BMS-820836 in patients with treatment resistant major depression.”
- A study diagnostic profile of adolescents presenting in Psychiatry OPD
- Study of EEG patterns in Adolescent onset Schizophrenia
- Anthropological study in patients of MDR Tuberculosis
- Study of Prevalence of psychiatric morbidity & quality of life in primary caregivers of patients of alcohol dependence
- Association of parental death and childhood psychiatric comorbidities: A case control study
- Neuropsychiatric and Quality of life evaluation in Pre and Post Radiotherapy treated brain tumour patients.
- A study of stress and coping in school children
- To study quality of life, depression, stigma & coping among vitiligo patients.
- To study depression & quality of life among lichen planus patients.
- A survey on physical & emotional stress & depression among postgraduate medical students.
- Study of faith healing practices in psychiatric patients.
- Methadone maintenance treatment project.
- Assessment of women attending Savitribai Phule Stri Sansadhan Kendra (Gender Resource Centre) for psychiatric problems.

Collaborations:

- A study on “Learning Objective Focused Teaching Interventions in Psychiatry for medical students” with British Indian Psychiatric Association
- A WHO project on efficacy of project to study the prevalence of psychiatric Comorbidity in medical patient Dot plus-therapy in patients of multiple drug resistance tuberculosis.

Radiology

- Retrospective analysis of Endovenous Laser Ablation, Interventional management of Vein of Galen Aneurysmal Malformation, Dural AVF & PPH.

Surgery

Completed

- Clinical Trial of Omega 3 Fatty Acid In Acute Pancreatitis.

On going

- A trial in patients with diabetic foot

Transfusion medicine

- Comparison between conventional and advanced technique for blood grouping, cross matching and direct Coombs test
- Red Cell alloimmunisation in antenatal women
- Audit of transfusion of Blood Component in a tertiary care centre
- Study of coagulopathy, complications, outcome of Massive Transfusion

Urology

Completed

- An open label, randomized, parallel group and prospective, multicentre clinical trial of IN-ALRN-001 in comparison with tamsulosin hydrochloride in adult male patients with lower urinary tract symptoms associated with BPH.

On going

- Role of Serum PSA in Screening of Carcinoma Prostate in Indian Population.
- Prospective open study to document the demographic profile, investigations data & treatment outcome of patients presenting with BPH.
- Randomized, Double-Blind, Multicenter, Placebo-Controlled, Proof-of-Concept Trial to Assess the Efficacy and Safety of 4-Weeks Treatment with AUS-131 (S-Equol) on Benign Prostatic Hyperplasia

In process

- Metabolic evaluation of patients with renal stones.
- Demographic profile of patients with clinical / sub clinical varicocele in normal fertile & infertile population attending OPD.
- Demographic profile & clinical course of patients with proven ESBL Urinary tract infection.
- Randomized, Double-Blind, Multicenter, Placebo-Controlled, Proof-of-Concept Trial to Assess the Efficacy and Safety of 4-Weeks Treatment with AUS-131 (S-Equol) on Benign Prostatic Hyperplasia
- Development of new module for practical examination for superspeciality students of urology
- Urinary metabolic evaluations in normal children to formulate normogram for urinary metabolic values
- Predicting the functional outcome of pyeloplasty in adults
- Role of TURP in the current era of medical therapy in BPH

Publications

Publications

Anatomy

- Sabnis A, Bhosale YJ. "Structured viva" Intl Jr of Med and Clinl Res 2012; 3(7).
- Patil RV, Rajgopal L, Iyer P. Absent external jugular vein – ontogeny and clinical implications" (accepted for publication – Int Jr Anatomical Variations).

Anesthesia

- Dave N. A comparison of the effectiveness of predictors of caudal block in children-smooth test, anal sphincter tone, and heart rate response. J Anaesthesiol Clin Pharmacol 2012; 28:17-20.
- Dave N. Atomized intranasal midazolam spray as premedication in pediatric patients : comparison between two doses of 0.2 and 0.3 mg/kg. – Jr Jap Soc Anaesthesiologists 2012; 1341-6.
- Dave N. Delayed primary repair of giant omphalocele; Anaesthetic challenges. – Accepted for publication in J Ped Anaesthesia
- Shah PN, Kane D, Appukutty J. Depth of Central Venous Catheterization by Intracardiac ECG in Paediatric patients. Int J Clin Pediatr 2012; 1: 70-5.
- Shah PN, Sundaram V. Incidence and predictors of difficult and impossible mask ventilation. J. Anaesthesiol Clin Pharmacol 2012; 28: 451 – 5.
- Optimal Depth of Central Venous Catheterization by Intracardiac ECG Lead Monitoring in Adults - Anesth Pain. 2012; 2:111-14.
- Dave N. An unusual complication during tracheoesophageal repair in a neonate. Indian Journal of Anaesthesia 2012; 56: 316.
- Shah PN, Sonawane D, Appukutty J. Anaesthetic management for caesarean section in a case of previously operated with residual pituitary tumour. Ind J Anaesth 2011; 55: 618-20.
- Shah PN, Shah C. Randomized Comparison of Pre-Emptive Analgesia with Propylene Glycol Free Diclofenac Sodium via the Intramuscular versus the Intravenous Route. Ind J. Pain; 2010; 24: 105 – 8.

Biochemistry

- Dandekar SP, Maksane SN, Mc Kinley D. A Survey validation and analysis of undergraduate medical Biochemistry practical curriculum in Maharashtra, India. IJCB 2012; 27: 52-60.

Cardiology

Accepted publications

- Nyayadish P, Reddy S. Anomolous pulmonary veins. Approach to congenital heart disease a life long odyessy, Jaypee publishers, DEC 2012.
- Nyayadish P, Sharma R. Current role of intervention cardiology in congenital heart disease. Medical image of IMA Mumbai west. Vol 36 Sept 2012.
- Lanjewar C, Shiradkar S, Agrawal A, Mishtra N, Kerkar P. Aneurysmally dilated major aorto-pulmonary collateral in tetralogy of Fallot. Ind Heart Jr 2012; 6402: 196-97.
- Karlekar S, Bhalghat P, Kerkar P. Complete heart block following transcatheter closure of ruptured Sinus of Valsalva aneurysm. Journal of Invasive Cardiology 2012; 24: E314-E317.
- Kerkar P, Karlekar S, Jaiswal V. Stroke Prevention in Atrial Fibrillation: What is new? API Update 2012.
- Gavali SA, Phadke M, Kerkar P, Nabar A, Nyayadish P, Lanjewar C Unruptured Aneurysm of sinus of valsalva presenting with right ventricular outflow tract obstruction complete heart block and protrusion into the left ventricular outflow tract : a rare combination. JACC.
- Sharma R, Phadke M, Nyayadish P, Lanjewar C, Kerkar P. Giant aneurysm arising from the left atrial branch of the left circumflex artery and ruptured into the right atria. European Heart Journal Cardiovascular Imaging.

Chest Medicine

- Athavale AU. Mycobacterium tuberculosis triggers autoimmunity. Ind Jr TB 2012;59(1):49-51.

- Athavale AU. Health Column on Respiratory disorders, air quality, environment and health. In Marathi weekly, "Kalamnama".

Clinical Pharmacology

- Gogtay NJ, Thatte UM, Kulkarni PS. Data on normal healthy volunteers screened for a Phase I study and an analysis of how many actually get randomized. *Nat Med Jr Ind* 2012; 25: 18-20
- Srivastava Rajneesh, Ray Sandipan, Vaibhav Vineet, Gollapalli Kishore, Jhaveri Tulip, Taur Santosh, Dhali Snigdha, Gogtay NJ, Thatte UM, Rapole S, Srivastava S. Serum profiling of leptospirosis patients to investigate proteomic alterations, *Journal of Proteomics* 2012; doi: 10.1016/j.jprot.2012.04.007
- Ray S, Kamath KS, Srivastava R, Raghu D, Gollapalli K, Jain R, Gupta SV, Ray S, Taur S, Gogtay NJ, Thatte UM, Rapole S, Patankar S, Srivastava S. Serum proteome analysis of vivax malaria: An insight into the disease pathogenesis and host immune response. *Jr Proteomics* [<http://dx.doi.org/10.1016/j.jprot.2011.10.018>], 75:3063-80
- Thatte UM, Gogtay NJ, Kannan S, Oak S Title: Access to medicines for orphan diseases- experiences in the management of a case of Fasciola Hepatica in Mumbai, India. *Nat Med Jr Ind* 2012;
- Sandipan Ray; Durairaj Renu; Rajneesh Srivastava; Kishore Gollapalli; Santosh Taur; Tulip Jhaveri; Snigdha Dhali; Srinivasarao Chennareddy; Ankit Potla; Jyoti Bajpai Dikshit; Rapole Srikanth; Nithya Gogtay; Urmila Thatte; Swati Patankar; Sanjeeva Srivastava, Serum Proteome Analysis of Falciparum and Vivax Malaria to Decipher Host Immune Response, Disease Pathogenesis, and Identify Surrogate Protein Markers». *PLOS One*, 7 (8) e41751doi 10.1371/journal.pone.0041751
- Gogtay NJ, Thatte UM, Kshirsagar NA, Leav B, Molrine D, Martin V, Wiggin H, Cheslock P, Sharma H, Barde P, Mangrulkar S, Kapre SV, Kulkarni PS. Safety and Pharmacokinetics of a Human Monoclonal Antibody to Rabies Virus: A Randomized, Dose-Escalation Phase I Study in Adults, *Vaccine* , 30: 7315-20
- Thakkar AN, Bendkhale SR, Taur SR, Gogtay NJ, Thatte UM. Association of CYP2C9 polymorphisms with phenytoin toxicity in Indian patients. *Neurol India* 2012; 60(6):577-580
- Bhalerao S, Deshpande T, Thatte UM. *Prakriti* (Ayurvedic concept of constitution) and variations in platelet aggregation. *BMC Complementary and Alternative Medicine* 2012, 12:248 doi:10.1186/1472-6882-12-248.

Accepted for Publication

- Bhalerao MS, Bolshete P, Swar BD, Bangera TA, Kolhe V, Tambe MJ, Wade M, Bowate S, Sonje U, Gogtay NJ, Thatte UM. A cross-sectional study to measure extent of use and Assess the Patients satisfaction with complementary and alternative Medicine (CAM) in four chronic diseases in a tertiary referral centre in India. *Nat Med Jr Ind*
- Kalekar SA, Munshi-Kulkarni RP, Bhalerao SS, Thatte UM. Insulin sensitizing effect of 3 Indian medicinal plants: an in vitro study. *Ind J Pharmacol*.
- Gogtay NJ, Thatte UM, DasGupta B, Deshpande S Use of the WOMAC™ questionnaire in Mumbai and the challenges of translation and cross cultural adaptation, *Ind Jr Med Ethics*
- Taur Santosh, Kulkarni Namrata, Gogtay Nithya, Thatte UM. An audit of therapeutic drug monitoring services of anticonvulsants at a tertiary care hospital in India, *Therapeutic Drug Monitoring*.
- Kannan S, Deshpande SP, Gogtay NJ, Thatte UM. Policy of Reviewing Statistics in Indian Medical and Surgical Journals. *Jr Pharmacol & Pharmacotherapeutics*

Dermatology

- Gutte R, Sanghvi S, Tamhankar P, Khopkar U. Lipoid proteinosis: Histopathological characterization of early papulovesicular lesions. *Indian Dermatol Online J*. 2012 May; 3(2):148-9.
- Chikhalkar S, Garg G, Gutte R, Khopkar U. Sebaceous carcinoma of scalp with proliferating trichilemmal cyst. *Indian Dermatol Online J*. 2012; 3(2):138-40.
- Agrawal PG, Mahajan SA, Khopkar US, Kharkar VD. Gottron - like papules induced by hydroxyurea. *Indian J Dermatol Venereol Leprol*. 2012; 78(6):775.
- Kharkar V, Jadhav P, Thakkar V, Mahajan S, Khopkar U. Primary cutaneous angiosarcoma of the nose. *Indian J Dermatol Venereol Leprol*. 2012;78(4):496-7
- Gutte R, Kothari D, Khopkar U. Granuloma annulare on the palms: a clinicopathological study of seven cases.. *Indian J Dermatol Venereol Leprol*. 2012; 78(4):468-74.
- Madke B, Khopkar U. Pediculosis capitis: an update. *Indian J Dermatol Venereol Leprol*. 2012 ;78(4):429-38

- Harnalikaar M, Kharkar V, Khopkar U. Disseminated cutaneous histoplasmosis in an immunocompetent adult. *Indian J Dermatol.* 2012;57(3):206-9.
- Adhe V, Dongre A, Khopkar U. A retrospective analysis of histopathology of 64 cases of lepra reactions. *Indian J Dermatol.* 2012;57(2):114-7
- Doshi BR, Khopkar U. Psoriasiform variant of porokeratotic eccrine ostial and dermal duct nevus.
- Madke B, Nayak C, Khopkar U. Beauty lies in the eyes of the beholder.
- Sanghavi SA, Dongre AM, Khopkar US. Imatinib mesylate induced erythroderma.
- Kharkar V, Kardekar S, Gutte R, Mahajan S, Thakkar V, Khopkar U. Disseminated molluscum contagiosum infection in a hyper IgE syndrome.
- Doshi BR, Mahajan S, Kharkar V, Khopkar U. Granulomatous Variant of Giant Centrifugal Miliaria Profunda. *Pediatr Dermatol.* 2012 Jan 26. doi: 10.1111/j.1525-1470.2011.01666
- Asymptomatic nodule over the shin. Gutte R, Garg G, Kharkar V, Khopkar U. *Indian J Dermatol Venereol Leprol.* 2012 Jan;78(1):123.
- Dongre A, Adhe V, Kothari D, Kardekar S, Khopkar U. Acute hemorrhagic edema of infancy: A report of two cases. *Indian J Dermatol Venereol Leprol.* 2012;78(1):121
- Jain N, Gutte R, Jadhav P, Khopkar U. Granulomatous and eccrinotropic lymphomatoid papulosis.
- Kharkar V, Thakkar V, Gutte R. SkIndia Quiz 6 Multiple recurrent erythematous scaly annular plaques in a child. *Indian Dermatol Online J.* 2012;3(2):154-5.
- Gutte R, Holmukhe S, Garg G, Kharkar V, Khopkar U. Childhood granulomatous periorificial dermatitis in children with extra-facial involvement.
- Bhushan Madke, Vidya Kharkar, Sunanda Mahajan, Siddhi Chikhalkar, Uday Khopkar. Infantile systemic hyalinosi: A case report and review of literature.
- Chikhalkar S, Garg G, Gutte R, Khopkar U. Sebaceous carcinoma of scalp with proliferating trichilemmal cyst. *Indian Dermatol Online J.* 2012;3(2):138-40.
- Sajgane AA, Dongre AM. Radiotherapy-induced koebnerization in lichen planus. *Indian J Dermatol Venereol Leprol.* 2012 ;78(5):665.

Endocrinology

- Lila AR, Sarathi V, Jagtap V, Bandgar T, Menon PS, Shah NS. Renal Manifestations of primary hyperparathyroidism. *Indian Journal of Endocrinology & Metabolism* 2012; 16
- Jagtap VS, Sarathi V, Lila AR, Bandgar T, Menon P, Shah NS. Hypophosphatemic rickets. *Indian J Endocrinol Metab.* 2012; 16:177-82.
- Kalra S, Bandgar T, Sahay M. The sun, the moon, and renal endocrinology. *Indian J Endocrinol Metab.* 2012; 16:156-7.
- Sahay M, Kalra S, Bandgar T. Renal endocrinology: The new frontier. *Ind J Endocrinol Met* 2012;16:154-5.
- Bandgar TR, Kalra S, Sahay M. Metabolic syndrome leading to chronic kidney disease: An emerging threat. *Indian J Endocrinol Metab.* 2012;16(2):151-3.
- Jagtap VS, Sarathi V, Lila AR, Bukan AP, Bandgar T, Menon PS, Shah NS. Hyperphagic short stature: A case report and review of literature. *Indian Journal of Endocrinology & Metabolism.* 2012;16
- Vimal MV, Budyal S, Kasliwal R, Jagtap VS, Lila AR, Bandgar T, Menon P, Shah NS. Vanishing tumor in pregnancy. *Indian J Endocr Metab* 2012; 16: 1043-6
- Sarathi V, Bandgar T, Lila AR, Deshpande AA, Dalvi AN, Patwardhan S, Shah NS. Coexistence of pheochromocytoma/praganglioma and renal artery stenosis. *Indian J Endocrinol Metab.* 2012 ;16(6):1009-11.
- Bandgar T, Shivane V, Lila A, Shah N. Chronic liver disease and skeletal health (hepatic osteodystrophy). *J Postgrad Med.* 2012;58(2):103-6.
- Shivane VK, Sarathi V, Lila AR, Bandgar T, Joshi SR, Menon PS, Shah NS. Peak Bone Mineral Density and Its Determinants in an Asian Indian Population. *J Clin Densitom.* 2012. [Epub ahead of print]
- Gopal RA, Acharya SV, Bandgar TR, Menon PS, Shah NS. Cushing disease with pregnancy. *Gynecol Endocrinol.* 2012.
- Kasaliwal R, Sankhe SS, Lila AR, Budyal SR, Jagtap VS, Sarathi V, Kakade H, Bandgar T, Menon PS, Shah NS. Volume Interpolated 3D Spoiled Gradient Echo Sequence is better than Dynamic Contrast Spin Echo Sequence for MRI Detection of Corticotropin Secreting Pituitary Microadenomas. *Clin Endocrinol (Oxf).* 2012
- Sarathi V, Naregal A, Lila AR, Bandgar T, Shah NS. Mucocolpos in a toddler: central precocious puberty with vaginal atresia. *Endocr Pract.* 2012;1-10.
- Sarathi V, Pandit R, Patil VK, Lia AR, Bandgar TR, Shah NS. Performance of plasma fractionated free metanephries

by enzyme immunoassay in the diagnosis of pheochromocytoma and paraganglioma in children. *Endocr Pract.* 2012; 18(5):694-9.

- Beloyartseva M, Mithal A, Kaur P, Kalra S, Baruah MP, Mukhopadhyay S, Bantwal G, Bandgar TR. Widespread vitamin D deficiency among Indian health care professionals. *Arch Osteoporos.* 2012;7:187-92.

ENT

- Sharma A, Deshmukh S, Shaikh A, Dabholkar J. Wegener's granulomatosis mimicking skull base osteomyelitis . *Jr Laryngol and Otology* 2012;126:203-206
- Deshmukh S, Halwai O, Sharma A, Dabholkar J. Metallic Foreign Body in Neck: Case Report. *Otolaryngol Pol* 2012;66(1):64-65
- Mastoid Cavity Obliteration: Our Experience. *Otolaryngologia Polska* 2012; 66: 379–381
- Radical management of Giant Ameloblastoma. A Case Series. *Indian J Otolaryngol Head Neck Surgery* 2012; 64: 399-401

Forensic Medicine

- Kulkarni VM, Gandhi JA, Gupta RA, Deokar RB, Karnik ND, Nadkar MY. Body packer syndrome. *JPGM* 2012; 58: 225-226.
- Patil S.S, Wasnik R.N. Two year prospective study of the estimation of foetal age from centres of ossification by radiography & autopsy. *Medicolegal update* 2012; 12

Gastroenterology

- Quigley EM, Abdel-Hamid H, Barbara G, Bhatia SJ, et al. A global perspective on irritable bowel syndrome: a consensus statement of the World Gastroenterology Organisation Summit Task Force on irritable bowel syndrome. *J Clin Gastroenterol.* 2012;46:356-66.
- Chang CY, Cook MB, Lee YC, Lin JT, Ando T, Bhatia S, et al and the Asian Barrett's Consortium. Current status of Barrett's esophagus research in Asia. *J Gastroenterol Hepatol* 2011;26:240-6.
- Bhatia S, Singh A. Natural history of functional dyspepsia. *J Assoc Physicians India* 2012; 60 (Suppl): 16-17.
- Bhatia SJ. Five years at the helm of Indian Journal of Gastroenterology. *Indian J Gastroenterol.* 2012;31(3):100-1.
- Shukla A, Meshram M, Gopan A, Ganjewar V, Kumar P, Bhatia SJ. Ingestion of a carbonated beverage decreases lower esophageal sphincter pressure and increases frequency of transient lower esophageal sphincter relaxation in normal subjects. *Indian J Gastroenterol.* 2012;31(3):121-4.
- Thorat V, Reddy N, Bhatia S, Bapaye A, Rajkumar JS, Kini DD, Kalla MM, Ramesh H. Randomised clinical trial: the efficacy and safety of pancreatin enteric-coated minimicrospheres (Creon 40000 MMS) in patients with pancreatic exocrine insufficiency due to chronic pancreatitis - a double-blind, placebo-controlled study. *Ailment Pharmacol Ther.* 2012;36(5):426-36.

GI surgery

- Laparoscopic Structured training versus Traditional Training. *Journal of Surgical Education* 2012
- Impact of a fellowship program for faculty development on the self-efficacy beliefs of health professions teachers: a longitudinal study. *Medical Teacher*
- Basic surgical skills Booklet. (accepted in MedEdPortal, AAMC)
- Study of structure and function of colon after colectomy. (accepted in IJG)
- Curricular reforms in Medical Education. *Mentor* 2012
- Paradox of Choice. *Chimag* 2012
- Isolated Pancreatic Hydatid -Pre Op CT Diagnosis. *MJDYPU* April 2012
- Extra-Adrenal Pheochromocytoma with Inferior Vena Caval Involvement
- Co-curricular activities in Medical Education. *NMJI* 2012
- Medical Professionals at Cross roads. *Chimag* August 2012
- How to Select a Topic for Research in Medical Education. *NJIRM* 2012; 3.
- Where should I publish my paper. *NIJRM* 2012; 3

Hematology

- Kawankar N, Korgaonkar S, Kerketta L, Madkaikar M, Jijina F, Ghosh K, Vundinti BR. DNA copy number changes and immunophenotype pattern in karyotypically normal acute myeloid leukemia patients from an Indian population. *Genet Test Mol Biomarkers* 2012; 16(4):265-70.
- M P Jadhav, Jijina F, Arora B, Chandrakala S, Kurkure PA, Menon H, Parikh PM, Shinde VM, Kshirsagar NA. A randomized comparative trial evaluating the safety and efficacy of liposomal amphotericin B (Fungisome) versus conventional amphotericin B in the empirical treatment of febrile neutropenia in India. *Indian Jr Cancer* 2012; 49(1):107-13.

IRBs

- Shetty YC, Marathe PA, Kamat SK, Thatte UM. Continuing Oversight through Site Monitoring: experiences of an institutional ethics committee in an Indian tertiary-care hospital. *Indian Journal of Medical Ethics*. Jan 2012; IX(1):22-26.
- Shetty YC, Marathe PA, Billa GV, Nambiar N. A study to assess completeness of project application forms submitted to institutional ethics committee (IEC) of a tertiary care hospital. *Perspectives in Clinical Research*. Oct-Dec 2012; 3(4): 133-38.
- Patil AE, Kamat SK, Marathe PA, Shetty YC, Kuyare SS. Participation of Normal volunteers in clinical Research: An overview of Ethical issues. Booklet of Maharashtra Pharmacologist's Conference 2012. 13th-14th July 2012: 20-21.

Medicine

- Prevention of Perinatal HIV I Transmission by Protease Inhibitor based Triple Drug Antiretroviral Therapy Versus Nevirapine as Single dose at the time delivery. *JAPI* 2012; 60:39-44.
- Syncope in a patients being treated for hepatic and intestinal amoebiasis. *British Medical Journal*
- Pregnancy in ALE. *Medicine update* 2012.
- Profile and severe vivax malaria. *JAPI* 2012.
- Anti Phospholipid syndrome presenting as pulmonary thrombosis and pancreatitis in young male. (accepted in *BMJ Case Report*).
- Hepatic encephalopathy masking myxedema coma, *JAPI* 2012; 16:71.
- Nephrotoxic Drugs. *Current Medical Journal of India* 2012; XVIII
- Image in Plummer-Vinson Syndrome. *BMJ Case reports* 2012; doi: 10.1136/bor-2012-00643
- Tuberous sclerosis complex presenting as bilateral renal angiomyolipomas. *BMJ case reports* 2012; doi: 10.1036/ber-2012-006412.
- Deoraj P, Yeola A, Pradhan A, Rajadhyaksha A, Ghosh K. HLA-DR $\beta 1$ * 04 typing by simple in house PCR- SSP technique for rheumatoid arthritis patients. *Rheumatology International*, published Online.
- A study on Anti Mannose Binding Lectin (Anti MBL) antibodies and serum MBL levels in Indian SLE patients. *Rheumatology International*, Published online.
- Pradhan V, Patwardhan M, Rajadhyaksha A, Ghosh K. Clinical and immunological profile of Systemic Lupus erythematosus. *Indian Pediatrics* 2012.
- Pradhan V, Patwardhan M, Rajadhyaksha A, Ghosh K. Clinical and immunological profile of Systemic Lupus Erythematosus. *Indian Pediatrics* 2012.
- Rajadhyaksha A et al. Disseminated Melioidosis presenting as septic arthritis. *JAPI* 2012; 60:44-45.
- Itollikar SM, Salagre SB, Kalal CR. CME Pictorial 'Hummingbird Sign', 'Penguin Sign' and 'Mickey Mouse Sign' in Progressive Supranuclear Palsy. *JAPI* 2012; 60
- Itollikar SM, Salagre SB, Kuyare S, Bamburde S. Case Report : HTLV Infection and Strongyloid Hyperinfection Syndrome. *JAPI* 2012; 60
- Hematological profile in formed cases of Malaria, Lepto, Dengue.
- Prevention of Perinatal HIV I Transmission by Protease Inhibitor based Triple Drug Anti-retroviral Therapy Versus Nevirapine as Single dose at the time delivery. *JAPI* 2012; 60: 39-44.

Microbiology

- S M Paranjpe, R Phakade, N A Ingole, P R Mehta; Early Infant Diagnosis (EID) of HIV: An Experience at a tertiary care hospital. *World Journal of AIDS (WJA)*; 2012, 2.

- Nayana Ingole, Preeti Mehta, Amar Pazare, Supriya Paranjpe, Purva Sarkate: Performance of Immunological Response In Predicting Virological failure. AIDS Research and Human Retroviruses. 2012; 28.
- Phakade RS, Nataraj G, Kuyare SK, Khopkar US1, Mehta PR Is methicillin resistant Staphylococcus aureus involved in community acquired skin and soft tissue infections? – Experience from a tertiary care centre in Mumbai J Postgrad Med 2012 ; 58(1)
- Durgad S, Koticha A, Nataraj G, Deshpande A, Mehta P. Microbial aetiology of diabetic foot ulcers. International Journal of Diabetes in Developing Countries. In Press
- Prevalence of multidrug resistant enterococci in a tertiary care hospital in Mumbai, India J Infectious Diseases 2012
- Suryavanshi R, Koticha A, Mehta PR. Cryptococcus neoformans: Is variety differentiation necessary? Bombay Hospital Journal 2012; 54:58-62.
- Koticha A, Kuyare S, Nair J, Athvale A, Mehta P. Prolonged steroid treatment leading to hyperinfection syndrome due to Strongyloides stercoralis: Two case reports. Journal of Indian Medical Association. In press
- Bhalgat P, Koticha A, Ubale M, Wanjare S, Mehta P. Speciation of Candida and its antifungal susceptibility testing from cases of suspected fungal vulvovaginitis. Bombay Hospital Journal 2012; 54: 401-405.
- Kulkarni S, Singh P, Memon A, Nataraj G, Kanade S, Kelkar R, Rajan MG. An in-house multiplex PCR test for the detection of Mycobacterium tuberculosis, its validation & comparison with a single target TB-PCR kit. Indian J Med Res. 2012; 135(5):788-94.
- Parikh R, Nataraj G, Kanade S, Khatri V, Mehta P. Time to sputum conversion in smear positive pulmonary TB patients on Category I DOTS and factors delaying it. JAPI 2012; 60: 22-26.
- Kanade S, Nataraj G, Suryavanshi R, Mehta P. Utility of MPT 64 antigen detection assay for rapid characterization of mycobacteria in resource constrained setting. The Indian Journal of Tuberculosis 2012; 59: 92-96.
- Biliary fascioliasis in a child: A case report. Journal of Indian Association of Paediatric Surgeons. In press
- Shah A, Koticha A, Ubale M, Wanjare S, Mehta P, Khopkar U. Identification and speciation of Malassezia in patients clinically suspected of having Pityriasis versicolor. Indian Journal of Dermatology. In press
- Shinde S, Nataraj G, Mehta P. Multiple beta-lactamase resistance mechanisms in clinical isolates of E.coli and Klebsiella pneumoniae. Bombay Hospital Journal. Accepted, In press

Neonatology

- Nanavati RN. Neonatal Convulsions. In Textbook of Pediatrics by Indian Academy of Pediatrics, 2012
- Bajaj N, Nanavati RN. Bronchopulmonary Dysplasia. Manual of Protocols by Neonatology Chapter of Indian Academy of Pediatrics, 2012
- Nanavati RN. Kangaroo Mother Care. Pediatric Clinics of India 2012
- Nanavati RN. Images in Neonatology. In Colour Atlas of Pediatrics by Indian Academy of Pediatrics, 2012.

Nephrology

- Hereditary ADAMTS-13 deficiency presenting as recurrent acute kidney injury. Indian J. Nephrol 2012; 22: 295 – 300.
- Laparoscopic donor nephrectomy Vs open donor nephrectomy : recipient's perspective. Saudi J Kidney Dis Transplant 2012; 23 : 1175 - 1180

Neurosurgery

- Khalil Isaac Mathai VSM, Chagla A S. Neural Stem Cells and post traumatic epilepsy: The importance of seizure control. Journal of Marine Medical Society 2012; 14: 46 - 48

Obstetrics and Gynecology

- Contribution to "Saving Lives" book published by MOGS and ICMR-HRRC, KEM Hospital.
- Chauhan AR & Panchbudhe S. "High Risk Pregnancy". The Indian Practitioner September 2012; 65: 566 -74
- "Drug Therapies for Urinary Disorders". MOGS Bulletin 2011- 2012
- "Current Therapies in Obstetrics & Gynaecology" 2012

Occupational therapy

- Londhe AA, Ferzandi ZD: Comparison of balance and resistive exercises versus balance exercises alone in patients with diabetic peripheral neuropathy. Indian Journal of Occupational Therapy 2012;44:3-10.

- Bagul C, Nadkarni KV, Yadav J, Abraham AK, Pednekar S. Effects of coping strategies on chronic drug resistant auditory hallucinations in schizophrenia: A crossover study. *The Indian Journal of Occupational Therapy* 2012; 44: 20 – 29.
- Adsule PR, Desai SP. To study the effectiveness of pre operative splints and conventional Occupational Therapy in moderate and severe contracture of hand. *The Indian Journal of Occupational Therapy* 2012; 44: 13 – 19.
- Raut AA, Rege NN, Tadv FM, Solanki PV, Kene KR, Shirolkar SG, Pandey SN, Vaidya RA, Vaidya AB: Exploratory study to evaluate tolerability, safety, and activity of Ashwagandha (*Withania somnifera*) in healthy volunteers. *Journal of Ayurveda and Integrative Medicine* 2012; 3: 111 - 14.

Ophthalmology

- Sahdev SI, Sureka SP, Sathe PA, Agashe R. Ocular dirofilariasis: still in the dark in western India? *J Postgrad Med* 2012 58:227-8.
- Ahuja SA. A case of congenital glaucoma management. *National Journal*.
- Bilateral red eye following intravesical Bacille – Calmetter Guerin therapy requires vigilance. Under review in *Ocular Inflammation and Immunology*.

Orthopedics

- Computer tomographic evaluation of femoral component rotation in Total Knee Arthroplasty (In press)
- De Kleijn P, Odent T, Berntorp E, Hilliard P, Pasta G, Srivastava A, et al. Difference between developed and developing countries in Paediatric care in Haemophilia. *Haemophilia* 2012; 18: 94-100
- Bhosle P, Suryavanshi A, Mittal A. Total Hip Arthroplasty as a Salvage procedure for failed infected internal fixation in J. *Bone Joint Surgery*, 2012; 94: 85.
- Radiological evaluation of Posterior Tibial Slope of patients undergoing Total Knee Arthroplasty (Accepted for publication in *Indian Journal of Orthopaedics*).
- JSO Correlation of posterior tibial slope with metaphyroidiaphyseal angle in Total Knee Replacement – A Radiological study. (accepted for publication)
- Patwardhan AR, Nemade PS, Bhosale SK, Srivastava SK. Computed tomography-based morphometric analysis of cervical pedicles in Indian population: a pilot study to assess feasibility of transpedicular screw fixation. *J Postgrad Med*. 2012 58:119-22.
- Vaidya SV, Mathesul AA, Panghate AN, Wade R, Sonawane DV. Bilateral multi ligament injury of knee caused by entangled dupatta. *Indian J Orthop* 2012; 46:239-41.
- Bhatia DN, Das Gupta B. Surgical correction of Popeye deformity of the Biceps Brachii muscle. *J Hand Surg Am*. 2012; 37(9):1917-24.
- Bhatia DN, DasGupta B, Rao N. Orthogonal Radiographic Technique (ORT) for radiographic visualization of Coracoid Process Fractures and Pericoracoid fracture Extensions. *J Orthop Trauma* 2012.
- Bhatia DN, Dasgupta B. Surgical treatment of significant glenoid bone defects and associated humeral avulsions of glenohumeral ligament (HAGL) lesions in anterior shoulder instability. *Knee Surg Sports Traumatol Arthrosc*. 2012
- Bhatia DN, Page RS. Surgical treatment of lateral clavicle fractures associated with complete coracoclavicular ligament disruption: Clinico-radiological outcomes of acromioclavicular joint sparing and spanning implants. *Int J Shoulder Surg* 2012.
- Bhatia DN. Dual-window subscapularis-sparing approach: A new surgical modification of the Latarjet procedure. *Tech Hand Up Extrem Surg*. 2012; 16: 30-6.
- Bhatia DN. Orthogonal biplanar fluoroscopy-guided percutaneous fixation of Coracoid base fracture associated with ACJ dislocation. *Tech Hand Up Extrem Surg*. 2012 ;16: 56-9.
- Bhatia DN. Arthroscopic “Cuff sparing” percutaneous (CUSP) Technique for posterior instability repair in the beach-chair position. *Tech Hand Up Extrem Surg*. 2012; 16: 173-9.
- Bhatia DN, De Beer JF. Metal markers for radiographic visualisation of rotator cuff margins. In press. *Int J Shoulder Surg*.
- Effect of Total Knee Replacement on Type II Diabetes Mellitus and Hypertension – A Prospective Study. (accepted in *Indian J Orthopaedics*).
- Sonawane DV, Jagtap SA, Mathesul AA. Intradural extramedullary capillary hemangioma of lower thoracic spinal cord. *Indian J Orthop* 2012; 46:475-8
- Psoas abscess like metastasis initially managed as tuberculosis of spine. (accepted in *Clinical Cancer Investigation Journal*)

- Rathod TN, Chandanwale AS, Gujrathi S, Patil V, Chavan SA, Shah MN. Association between single nucleotide polymorphism in collagen IX and intervertebral disc disease in the Indian population. *Indian J Orthop* 2012;46:420-6
- Rathod T, Chandanwale A, Chavan S, Shah M. Polyarthritic, symmetric arthropathy in reactive arthritis. *J Nat Sc Biol Med* 2011;2:216-8
- Chate SV, Jaybhaye AP, Somshekharan R, Rathod TN. Aqueductal stenosis with optic atrophy in case of malignant osteopetrosis. *J Nat Sc Biol Med* 2011;2:222-4
- Jaybhaye AP, Sutay NR, Chate SV, Rathod TN. Juvenile systemic lupus erythematosus: A diagnostic dilemma. *J Nat Sc Biol Med* 2011;2:229-31
- Sonawane DV, Jagtap SA, Mathesul AA, Rathod TN. Psoas abscess like metastasis mimicking Koch's spine. *Clin Cancer Investig J* 2012;1:10

Pathology

- Vaideeswar P, Verma R, Gupta R. Infective coronary arteritis: a pathological analysis at autopsy. *Human Pathology* 2012; 43: 2334 - 2341.
- Vaideeswar P, Kulkarni D, Rojekar A, Tazelaar H. Case report of left atrial appendageal tuberculosis. *Cardiovascular Pathology* 2012; 21: 522 - 523.
- Vaideeswar P, Divate S, Harke M. Intracardiac thrombi in extracardiac disorders: an autopsy study. *Cardiovascular Pathology* 2012; 21: e1 - e9.
- Vaideeswar P, Gupta R, Mishra P, Lanjewar C, Raut A. Atypical cardiac myxomas: a clinicopathologic analysis and their comparison to 64 typical myxomas. *Cardiovascular Pathology* 2012; 21: 180 -187.
- Chaturvedi R, Acharya S, Gupte P, Joshi A. Co-existent primary eosinophilic enteritis and Enteritis Cystica Profunda. *Journal of Postgraduate Medicine*. (In print)
- Khan N, Joshi A, Chaturvedi R, Gupte P. Hepatosplenic T-cell lymphoma. *Indian Journal of hematology & Blood transfusion*. (In print)
- Vaideeswar P, Chaudhari JP. Wilms' tumor with right heart extension: report of a post-chemotherapeutic fatality. *Indian Journal of Pathology and Microbiology* 2012; 55: 381 - 383.
- Vaideeswar P, Munot S, Rojekar A, Deodhar K. Hepatic diffuse intra-sinusoidal metastases of pulmonary small-cell carcinoma. *Journal of Postgraduate Medicine* 2012; 58: 230 - 231.
- Vaideeswar P, Agnihotri MA, Hira P. Unusual manifestations of pleuro-pulmonary hydatidosis. *Indian Journal of Pathology and Microbiology* 2012; 55: 111 - 112.
- Yadav SC, Sathe PA, Ghodke RG, Fernandes GC. Giant Wilms tumor with intracardiac extension- a rare case. *Indian J Pathol Microbiol* (accepted not yet published)
- Yadav SC, Sathe PA, Ghodke RG, Fernandes GC. Giant Wilms tumor with intracardiac extension- a rare case. *Indian J Pathol Microbiol* (accepted not yet published)
- Vaideeswar P, Kulkarni D, Rojekar A, Tazelaar H. Case report of left atrial appendageal tuberculosis. *Cardiovascular Pathology* 2012; 21: 522 - 523.
- Vaideeswar P, Munot S, Rojekar A, Deodhar K. Hepatic diffuse intra-sinusoidal metastases of pulmonary small-cell carcinoma. *Journal of Postgraduate Medicine* 2012; 58: 230 - 231
- Vaideeswar P, Chaudhari JP. Wilms' tumor with right heart extension: report of a post-chemotherapeutic fatality. *Indian Journal of Pathology and Microbiology* 2012; 55: 381 - 383

Pediatrics

- Anandi S, Tullu MS (also designated as First Author), Bhatia S, Agrawal M. Mondini Dysplasia as a Cause for Recurrent Bacterial Meningitis: An Early Diagnosis. *Journal of Child Neurology* 2012. Published online on 30th January 2012. DOI: 10.1177/0883073811430766.
- Karande S. Quality of life in children diagnosed with specific learning disability or attention-deficit/hyperactivity disorder. In: *Handbook of Children with Special Health Care Needs*, Ed. Hollar D, New York, Springer 2012; pp 73-85.
- Patwardhan S, Karande S, Momim S, Muranjan M. Delayed diagnosis of tuberculous meningitis due false positive serological test for neurobrucellosis. *Pediatr Infect Dis J* 2012 (in press)
- Karande S, Muranjan M. Native aortic valve endocarditis secondary to *Staphylococcus aureus* bacteremia. *Indian Pediatr* 2012; 49: 764.

- Tullu MS, Jambhale D, Jadhav S, Bharani AT, Bavdekar SB. Recurrent Aseptic (Mollaret's) Meningitis in a Young Girl. *Pediatric Infectious Disease* 2012; 4: 9-12.
- Shobi A, Tullu MS, Bhatia S, Agrawal M. Pulmonary Arteriovenous Malformations: Report of a Case and Review of Literature. *JPGM* 2012.
- Muranjan M, Budyal S, Shah HR. Are Indian parents of children with Down syndrome engaged in the blame game? A prospective, observational, non-interventional case control study, *Indian J Pediatr* (in press)
- Bhatia S, Muranjan MN, Lahiri KR. Left ventricular failure due to a rare variant of congenital adrenal hyperplasia, *Indian J Pediatr* 2012; 79: 1241-43
- Muranjan MN, Agarwal S, Lahiri K, Bashyam M. Farber disease: Novel biochemical abnormalities, genotype and post-mortem diagnosis from preserved umbilical cord DNA, *Indian Pediatr* 2012, 49: 320 – 22
- Agrawal M. Prevention of Opportunistic Infections & Other Infectious Complications of HIV in Children. In: Lala MM, Merchant RH (editors). *Principles of Perinatal and Pediatric HIV/ AIDS*. 1st edition. New Delhi: Jaypee Brothers Medical Publishers (P) Ltd, 2012; pp 464-486.
- Karande S, Sholapurwala R. Management of specific learning disabilities. In: *Childhood Disability - A Paediatrician's Perspective*, 1st edition, Editors Aggarwal A, Kamath SS, Sukumaran TU. Gwalior, IAP Publishing House, 2012; pp 214-23.
- Tullu MS, Kher A. Laboratory Diagnosis of HIV Infection. In: Shah I, Shah NK, Manglani M. *IAP Speciality Series on Pediatric HIV*. Mumbai: Indian Academy of Pediatrics, 2012.
- Tullu MS, Karande S. Pathophysiology of Acute Severe Protein Energy Malnutrition. In: Phadke M, Bavdekar SB. *UNICEF/ MUHS Book on Acute Severe Protein Energy Malnutrition (SAM)* 2012.
- Tullu MS. HIV/ AIDS. Gupta P (Ed). *IAP Textbook of Pediatrics (Indian Academy of Pediatrics)*. New Delhi: Jaypee Brothers Medical Publishers Ltd. 2012 (in press)
- Tullu MS, Bhatia S. Bronchiectasis. *Recent Advances in Pediatrics (Special Volume on Pulmonology)* 2012 (in press)
- Bhatia S, Tullu MS. Liver Abscess. *Recent Advances in Pediatrics (Special Volume on Gastroenterology)* 2012 (in press)

Pediatric surgery

- Parelkar SV, Oak SN, Jeevan, Sanghvi BV, Joshi PB, Subrat, et al. Management of traumatic diaphragmatic hernia: thoracoscopic approach. *Journal of Indian Association of Pediatric Surgeons* 2012; 17: 180-83.
- Parelkar SV, Oak SN, Mundada D, Sanghvi BV, Joshi PB, Kapadnis SP, et al. Midline mature teratoma inside a ruptured meningocele of lumbosacral region. *Journal of Pediatric Surgery* 2012; 47: 1934-37
- Advati, Parelkar SV, Gupta R, Patil R, Oak SN, et al. Role of hyperbaric oxygen therapy in severe head injury in children. *Journal of Pediatric Neurosciences* 2012; 7: 4-8.
- Advait, Parelkar SV, Oak SN, Sanghvi BV, Gupta R, et al. Giant epignathus with midline mandibular cleft: Insights into embryology and management. *Annals of Maxillofacial Surgery* 2012; 2: 56-9
- Parelkar SV, Oak SN, Patil R, Sanghvi BV, Joshi PB, Subrat, et al. Management of Biliary Fascioliasis In A Child Using Endoscopic Retrograde Cholangio Pancreatography: A Case Report. *Journal of Indian Association of Pediatric Surgeons*
- Parelkar SV, Oak SN, Kapadnis SP, Sanghavi BV, Joshi PB, Dinesh, et al. Carotid sheath lipoma: first case report *Annals of Royal College of surgeons of England*: (Accepted for publication)
- Parelkar SV, Oak SN, Kapadnis SP, Sanghavi BV, Joshi PB, Dinesh, et al. Solid Pseudo papillary Tumor of Pancreas: An unusual tumor in children. (accepted in *JIAPS*)
- Parelkar SV, Oak SN, Shetty S, Sanghavi BV, Joshi PB, Dinesh, et al. Mature Duodenal Teratoma: An Unusual Presentation In a Neonate, a case report. (accepted in *European Journal of Pediatric Surgery*)
- Parelkar SV, Oak SN, Jeevan, Sanghavi BV, Joshi PB, Subrat, et al. A Novel Endoscopic Method for Management Of Vallecular Cyst Using Conventional Laparoscopic Instruments And Case Report. (accepted in *Journal of Surgical Technique*)

Pharmacology and Therapeutics

- Pan L, Terrazas C, Lezama-Davila CM, Rege N, Gallucci JC, Satoskar AR, Kinghorn AD. Cordifolide A, a sulfur-containing clerodane diterpene glycoside from *Tinospora cordifolia*. *Organic Letters* 2012;14(8): 2118-21.
- Joshi SS, Thatte UM. Pharmacological evaluation of cytoprotective potential of *Phyllanthus Emblica* (PE) and *Asparagus Racemosus* (AR) in preventing gastric erosions, ulcerations and inflammation induced in rats. *Natl J Physiol Pharm Pharmacol* 2012; 2(2): 172-8.

- Kamat SK, Marathe PA, Patel TC, Shetty YC, Rege NN. Introduction of case based teaching to impart rational pharmacotherapy skills to undergraduate medical students. *Indian J Pharmacology* 2012; 44(5): 634-7.
- Parekar RR, Dash KK, Marathe PA, Apte AA, Rege NN. Evaluation of anti-inflammatory activity of root bark of *Clerodendrum Phlomidis* in experimental models of inflammation. *International J Appl Biol Pharmaceutical Technol* 2012; 3(3): 54-60.
- Pawar DB, Gawade SR, Marathe PA. Awareness about medical research among resident doctors in a tertiary care hospital: A cross-sectional survey. *Perspectives in Clinical Research* 2012; 3(2): 57-61.
- Jalgaonkar S, Sarkate P, Tripathi R. Students' Perception about Small Group Teaching Techniques: Role Play Method and Case Based Learning in Pharmacology. *Education in Medicine Journal* 2012; 4(2): e13-8.
- 4th edition of "A Handbook for Undergraduate students of Pharmacology, 2012-2013"
- Model prescriptions for common disease conditions for undergraduate students (Book publication)
- Specific learning Objectives in Pharmacology (Book publication)

Plastic surgery

- A Comparative Analysis of Early Excision & Grafting Versus Delayed Grafting In Burn Patients: Optimizing Use of Limited Resources – (accepted in the *Journal of Burn Care and Research*)
- Serial Splintage: Preoperative Treatment of Upper Limb Contractures. (accepted in *Burns*)
- Trophic Ulcers - Practical management guidelines. *IJPS* 2012; 45: 340-35
- A simple method of applying ear dressing in microtia patients. *Indian Journal of Otology* 2012; 18: 154-5

Physiology

- Pulmonary function tests in young healthy male exposed to air conditioned work environment. *International Journal of Health Sciences and Research*. 2012; 2
- Correlation between Borg's RPE and VO₂ Max in Indian male medical students. (accepted in *International Journal of Basic and Applied Physiology*)
- Anthropometric indices in young adults with family history of diabetes (accepted in *International Journal of Basic and Applied Physiology*)
- Comparative study and cardio-vascular changes after staircase ascent and descent. (accepted in *International Journal of Basic and Applied Physiology*)

Physiotherapy

- Mehta S, Mhatre B, Mehta A, McDermaid J. Crosscultural Adaptation & Psychometric Testing of the Hindi Version of the Patient Rated Wrist Evaluation USA (Jan 2012).
- Verma C, Krishnan V. Comparison between McConnell Patellar Taping and Conventional P.T treatment in Management of Patellofemoral Pain Syndrome. *Journal of Krishna Institute of Medical Sciences* 2012.
- Verma C, Hattangadi A. Impact of Occupational stress on Musculoskeletal pain & morbidities in the nursing population of government tertiary care hospital, Mumbai. *IJPOT* 2012
- Singh Y, Mhatre B, Mehta A. Effects of Manual Therapy techniques on Knee Proprioception in patients with Osteoarthritis of Knee. *IJPOT* 2012
- Jiandani M, Reddy R, Mehta A, Nabar A. Effect of Home based low intensity walking Programme on QOL & functional capacity in LVF patient – A RCT. *Indian journal of occupational and physiotherapy* 2012
- Shah P, Jiandani M, Mehta A. Effect of Structured exercise training Programme on QOL and 6 MWD in patients with Chronic Respiratory Disease. *IJPOT* 2012
- Tirubadia A, Gore A. A Prospective Experimental study of Effects of Cognitive tasks on Balance in Stroke Individuals. *IJPOT* 2012
- Prabhu U, Gore A. A Randomized control trial of Stimulation of triceps as an adjunct to Motor training of paretic arm in stroke patients. *IJPOT* 2012
- Yadav A, Lakshmipraba R, Mehta A. Effect of Myofascial Release v/s Ultrasound in treatment of Plantar fasciitis. *IJPOT* 2012

PSM

- An interventional study on health education related to diarrhea, personal hygiene and environmental hygiene amongst school children. Journal of Dutta Meghe, Institute of medical sciences and university 2012; 7: 1292.
- Male health clinic strategy in control of STI/HIV-program review. Jr Public Health 2012; 56
- The development of modern epidemiology, personnel report from those who were there. International journal of collaborative research in Internal Medicine and Public Health 2012; 4: 1124
- Musculoskeletal morbidities among Bus drivers in city of central India. International Journal of Recent Trends in Science & Technology 2012; 3: 29-32
- Prevalence of Sick Cell disorders & anaemia in tribal school students from central India. International Journal of Collaboration Research on internal medicine & public health 2012; 4: 1321-9
- Study of occupational factors associated with low back pain in truck drivers of Nagpur city, India. International journal of medical health sciences 2012; 1: 53-60

Psychiatry

- Parkar SR. Post stroke depression. In: Depression in medically ill patients. ECAB Clinical update psychiatry. Elsevier. P no. 14-19.
- Parkar SR. Role of Psychotherapy in the management of depression. ECAB Clinical update psychiatry. Elsevier. p no. 86-93
- Parkar SR, Nagarsekar BB, Weiss MG. 2012 Explaining suicides: identifying common themes and diverse perspectives in an urban Mumbai slum. Soc Sci Med. 2012;7 5(11): 2037-46.
- Parkar SR, Mayanil TS 2012 Neuropsychiatric manifestations of methyl iodide. Indian J Occup Environ Med. 2012; 16(1):38-9.
- Parkar SR, Dhuri C, Kumar VA. Lorazepam-induced Short-term Remission of Symptoms in a Case of Paranoid Schizophrenia. Indian J Psychol Med. 2012;33(2):205-7.
- Sawant N, Parkar Shubhangi R, Arun Kumar V, Dhuri C. Ganser Syndrome in Schizophrenia: A Case from India. Malaysian journal of Psychiatry, 2012.
- Sawant NS, Nath A. Cultural misconceptions and associated depression in Dhat syndrome. SriLankan Journal of Psychiatry 2012; 3 (1):17-20
- Sawant NS, Vispute C. Mephentermine Dependence with Induced Psychosis. German J Psychiatry 2012; 15(2): 69-71.

Radiology

- Saraf R, Shrivastava M, Siddhartha W, Limaye U. Intracranial pediatric aneurysms: endovascular treatment and its outcome. J Neurosurg Pediatr. 2012;10(3):230-40
- R. Saraf, U. Limaye. Ruptured intracranial tubercular infectious aneurysm secondary to a tuberculoma and its endovascular management. Br J Neurosurg. 2012.
- Kasaliwal R, Sankhe SS, Lila AR, Budyal SR, Jagtap V, Sarthi V, Kakade H, Bandgar T, Menon PS, Shah NS. Volume Interpolated 3D Spoiled Gradient Echo Sequence is Better than Dynamic Contrast Spin Echo Sequence for MRI Detection of Corticotropin Secreting Pituitary Microadenomas.
- Jagtap VS, Acharya SV, Sarathi V, Lila AR, Budyal SR, Kasaliwal R, Sankhe SS, Bandgar TR, Menon PS, Shah NS. Ectopic posterior pituitary and stalk abnormality predicts severity and coexisting hormone deficiencies in patients with congenital growth hormone deficiency. Pituitary 2012; 15: 243-50
- SB Rathod, A Baheti, P Dabhade, S Sankhe; Walker Warburg syndrome: Demonstration of cysts by CISS Sequence: Magnetic Reson Med Sci 2012; 11: 137-40.
- Pauranik A. Medical humanities: a resident doctor's perspective. Indian J Med Ethics 2012; 9(3): 162-4
- Anvita P, Sankhe S, Goel N, Mahore A. Cerebral shading sign in a giant intraparenchymal White Epidermoid. Neurol India. 2012; 60: 265-6
- Mathur S, Aswani Y, Sankhe S, Hira P. Aneurysmal bone cyst of thoracic spine mimicking spinal tuberculosis. J Craniovert Spine 2012;2:99-101
- Sankhe S, Mathur S, Muzumdar D. AJNR Case of the month: Endodermal cyst of prepontine region.

Surgery

- Antesternal colonic interposition for corrosive esophageal stricture. Indian journal of surgery 2012.

- Management of Biliocutaneous fistula : fistulo-duodenal anastomosis – a case report. The internet journal of surgery 2012; 28 no.2.DOI:10.5580/2b09.
- How to prevent duodenal stump blowout. Bombay hospital journal 2012; 54.
- Anterior abdominal wall abscess with Epididymo orchitis: an unusual presentation of acute pancreatitis. JPGM
- Laparoscopic adrenalectomy for large tumors. Journal of Minimal Access Surgery
- Laparoscopic hepatoduodenal ligament excision. Journal of Minimal Access Surgery
- Laparoscopic excision of giant omental cyst. Journal of Minimal Access Surgery
- Book chapters: Energy Sources in laparoscopic surgery, Laparoscopic appendicectomy, Laparoscopic splenectomy, Laparoscopic adrenalectomy in “Comprehensive Laparoscopic Surgery 2nd Edition” of Indian Association of Gastrointestinal Endosurgeons
- Kulkarni VM, Gandhi JA, Gupta RA, Deokar RB, Karnik ND, Nadkar MY, Body Packer Syndrome, JPGM 2012;58:3.

In the Limelight

In the Limelight

Cardiology

- Dr. Prafulla Kerkar was interviewed on National Television in Swastha Bharat program on World Heart Day on 29th September, 2012.
- Dr. Prasanna Nyayadhish was interviewed in the programme "Hello Doctor" on Sahyadri channel. the programme was on problem of cardiovascular diseases in common population.
- Dr. Charan Lanjewar was on "Hello Doctor" programme on Sahyadri channel on Mumbai television in the month of August, 2012.

Chest medicine

- Aakashwani: Swastha Bharat: Environment & Respiratory Diseases Management, Broadcasted on 27th April 2012.
- Indoor & Outdoor air quality related Chest diseases, Broadcasted on 4th May 2012, Prasar Bharati.

4 MUMBAI
FRIDAY, SEPTEMBER 7, 2012

7% schoolkids prone to asthma: Study

Says children are vulnerable to disease due to rising pollution level

Mahesh Porecha

More than 7% of the 3,497 children surveyed across 19 schools are unaware of their underlying asthmatic symptoms, reveals a study by the King Edward Memorial (KEM) Hospital in Parel.

The survey, conducted by the department of chest medicine at the hospital, suggests that the increasing congestion and pollution in the city may lead to children being vulnerable to asthma that lay undiagnosed.

In the survey, the doctors studied 3,497 children from 19 government-aided and civic schools in areas including Ghatkopar, Kurla, Mulund, Dadar, Byculla, and Vasa for asthma and related ailments.

Even as close to 3% of the children surveyed were aware that they are asthmatic and were on medication, more than 7% of the surveyed children were unaware of their condition and have been put in

the "grey" zone after they showed asthmatic symptoms. The study also revealed that the vulnerability of children developing asthma varies from place to place. Close to 15% children in Kurla were put in the "grey" zone, which is more than double the number of children vulnerable to asthma in Ghatkopar and Mulund. In Byculla and Dadar, the number of vulnerable children dipped to as low as 3%.

During the study, children were asked to vigorously blow air through a portable lung function device which measures "peak flow rate," a measure of air blowing capacity of an individual based on his/her height and weight.

"Values of peak flow rate for children vary between 150 to 400 depending on their height and weight. A large number of children who have abnormal lung health and are predisposed to developing asthma have been tracked in the study. These children

should be immediately referred for further diagnosis, leading to early intervention," said Dr. Amita Athavale of the KEM Hospital.

Close to 54% of the affected children reported asthma due to exposure to multiple factors such as dust and smoke.

"Children are at a higher risk of asthma as their lungs are in process of growth," said Dr. Naveen Arora, senior scientist, Institute of Genomics and Integrative Biology, New Delhi. "In addition, they indulge in large-scale outdoor activity in dusty playgrounds and gardens. Multiple factors including sudden cold climate, dust, smoke, strong incense stick smell, pollen and pollutants contribute to asthma in children."

Arora added that areas with heavy congestion, industries and traffic are more prone to affect children and lead to an eventual asthmatic condition.

DNACITY

SURVEY

Place	Asthmatic	Vulnerable
Kurla	3.3%	14.4%
Ghatkopar	1.25%	—
Vasal	2.8%	7.45%
Mulund	1.85%	5.41%
Dadar	—	3.44%
Byculla	1.4%	2.7%

SYMPTOMS

Don't mistake frequent wheezing bouts or chest-tightness in children for common cold

Look out for wheezing triggers like sudden dip in temperatures, burning incense sticks, smoke from burning garbage, presence of pollen grain and accumulation of dust in the house

Consult a chest physician if child experiences repeated wheezing or discomfort in chest

'Hibiscus, coconut tree to blame'

DNA Correspondent

A nearby coconut tree or a potted plant of hibiscus may be the root cause of an asthma case in your family.

Close to 3% cases of asthma were reported in the 540 homes studied by National Environmental Engineering Research Institute (NEERI) and civic-run KEM Hospital in Khar, Andheri and Borivli.

Of the 3% cases, the trigger of asthma was traced down to pollen grains of hibiscus rosasinensis, popularly known as red hibiscus plant, in five homes having at least one asthma patient.

Moreover, pollen grains of coconuts (cocos nucifera) were collected from four homes having asthmatic patients. In another two homes, heavy infestation of dust mites was traced as the cause of asthma.

Slides coated with glycerine jelly were hung at the window of the houses for a day or two. The glycerine jelly acts as a medium for pollen to settle down which was then studied under the microscope," said Dr. Amita Athavale, head, department of chest medicine at KEM Hospital.

The researchers are in the process of installing Hazdust, a portable device to measure indoor dust concentration.

The ongoing study is aimed at zeroing down on the contribution of particular indoor factors that trigger asthma, including dust particles, insect body parts, pollen and dust mites," said Dr. Rakesh Kumar, chief scientist and head, NEERI.

THE TIMES OF INDIA, MUMBAI
THURSDAY, SEPTEMBER 6, 2012

As vehicle population soars & auto fuels burn, citizens' health suffers

Mahesh Agha

Mumbai: A new study projects that the rise in air pollution in the city will lead to a significant increase in health problems, as well as to a significant increase in the number of deaths. The study, conducted by the department of chest medicine at the King Edward Memorial (KEM) Hospital in Parel, suggests that the increasing congestion and pollution in the city may lead to children being vulnerable to asthma that lay undiagnosed.

In the survey, the doctors studied 3,497 children from 19 government-aided and civic schools in areas including Ghatkopar, Kurla, Mulund, Dadar, Byculla, and Vasa for asthma and related ailments.

Even as close to 3% of the children surveyed were aware that they are asthmatic and were on medication, more than 7% of the surveyed children were unaware of their condition and have been put in

the "grey" zone after they showed asthmatic symptoms. The study also revealed that the vulnerability of children developing asthma varies from place to place. Close to 15% children in Kurla were put in the "grey" zone, which is more than double the number of children vulnerable to asthma in Ghatkopar and Mulund. In Byculla and Dadar, the number of vulnerable children dipped to as low as 3%.

During the study, children were asked to vigorously blow air through a portable lung function device which measures "peak flow rate," a measure of air blowing capacity of an individual based on his/her height and weight.

"Values of peak flow rate for children vary between 150 to 400 depending on their height and weight. A large number of children who have abnormal lung health and are predisposed to developing asthma have been tracked in the study. These children

should be immediately referred for further diagnosis, leading to early intervention," said Dr. Amita Athavale of the KEM Hospital.

Close to 54% of the affected children reported asthma due to exposure to multiple factors such as dust and smoke.

"Children are at a higher risk of asthma as their lungs are in process of growth," said Dr. Naveen Arora, senior scientist, Institute of Genomics and Integrative Biology, New Delhi. "In addition, they indulge in large-scale outdoor activity in dusty playgrounds and gardens. Multiple factors including sudden cold climate, dust, smoke, strong incense stick smell, pollen and pollutants contribute to asthma in children."

Arora added that areas with heavy congestion, industries and traffic are more prone to affect children and lead to an eventual asthmatic condition.

CONGESTION IMPACT

Peak Hour

Area	Normal Traffic	Peak Hour
Central Mumbai	1.5	2.5
South Mumbai	1.5	2.5
East Mumbai	1.5	2.5
West Mumbai	1.5	2.5

BALLOONING BAD NEWS

Particulate Matter (PM10)	Nitrogen Oxide (NOx)	Carbon Dioxide (CO2)
1.583	9.365	16,10,744
1.172	7.644	9,32,590
1.172	7.644	9,32,590
1.172	7.644	9,32,590

डॉ. अमिता अथवले | साइड इफेक्ट्स

डॉ. अमिता अथवले

क्या, दिवालीपरीत दावाला बरं वाटेला ना? चिंताकांत बरीण मला विचारत होती. "आमची पहिली दिवाली आहे आणि आमचीजेला तरी ती चरी वेळ सकाळ ना? आम्ही रव्याची सकाळी काळजीही घेऊ." त्यानच्या एक प्रश्न येत होते. काळपर्यंत चिंतामये बर्कआडक करणारा दादा माग इन्फेक्शिव केअर मध्ये कुठिच स्वास्थोपचारासाठी मशीनवर म्हणजेच होस्टेलेटवर होता. ताप नाही, खोकला नाही, रात्री आनखी दम लागला इत्यादी की स्वास्थ घेता येईना. प्राणवायुची कमतरता पुरी करतायसा कुठिच स्वास्थोपचार बावा लागला, कारण होलं दुय्य आणि कुपूसर वायुमधील सक्कुलेसनमये जाऊन बसलेली रक्ताची गुळकी म्हणजेच Pulmonary Thromboembolism. स्वास्थ उठून होला पाचव्या Veins मध्ये, म्हणजेच नीला आणि रोखी या रक्तावाहिन्यांमधील "नीला" या रक्तावाहिन्यांमधील जवळजवळ ५० टक्केहून अधिक रक्तापुरवठा कुपूसरकडे जाऊन शकत बघता. प्राणवायुचं रक्तातील प्रमाण निम्नमाहून कमी होत रक्ताची गुळकी घिराळण्याची ओघच सुरु केेली होती. दिवाली अथवा आद दिवासावर होती आणि "मशीन" आमचाकुडून माहिती हवी होती की दादा आमचीजेला चरी परतेल ना?

काळपर्यंत घड्याळहा असलेल्या भावाला आगरीयुग्मये होटेलेटवर पाहून जरी थोडी कल्पना असली असली तरी त्याचा "डिप्लेड"मेकना होता काळजीये का नाही याची मत्साध आजी कळून प्यायवला हवी होती. बातेवाडीकाना परिचितरीची कल्पना देऊन आम्ही पेशंटकडे वळली. पेशंट मुख्ययेकळून आगरीयुग्मये जर बुद्धीत असेल तर त्याचं मेळीयेचं साधन जेअरचं असलं. स्वास्थकडे पाहता स्वकाळ बरं साधनचारी निश्चित नवत होते. हासं काय पयं पाळावची? हाताला करतांना काय काळजी घ्यायची? हे पेशंटला स्वतःला माहिती असेल, उपाययोजना काही केेली जात आहे हेही समजावून सांगितलं तर स्वास्थ खुप पयलीत होती. आणि ते विषयाने सांगितलं होस्टेलेटकडून मेळतीची कोलं जालं.

स्वास्थ बरोबर महत्वाची ठरते रुग्णांची हुक्मशक्ती. काही ती असलेच तर काही पुढे काय होणार? आपण

इच्छाशक्ती

कायमचं तर मशीनवर अवलंबून राहणार नाही ना या भीतीने जोडून गेलेली असते. आणि तेव्हा खोड वीर देत "स्वास्थ रे" म्हणण्याची गरज असते.

आमचा Embolism असलेल्या पेशंटकडे बाबांनीही थोडंफार अरंघ होतं. उपाय सुरु झाले होते. खोडफार प्रतिसादी होता. दुय्य्या दिवाली राईड घेताना त्यांना सांगली झाले, "दादा, दिवाली वार दिवासावर आहे आणि आद दिवासात तुम्हाला सांगितला दिवाळपणाला चरी जायचं आहे. आम्हाला मेळतीची ते हाव्य आहेसं वाटावी" हाक म्हणतच एक छोटी रिमलरचेना माकळ्या माजुगी आमहाला दिवाली. तिच्यावा दिवाली आणखी खुपारणा झाली आणि आळव्या दिवाली आमचीजेला आजी आजी घेतलेला चरी पयलं बसली. जाला जाला त्यांनी सांगितलं, "डॉक्टर मशीनवर होतो तेव्हा नाही नाही ते विचार मनात येत होते. आपण तेव्हा काही काळ शांत का? असे वाटात होतं तेव्हातून तुम्ही सांगितलेलं ताईसादी दिवाळपणाला चरी जायचंय म्हणून... मना काही वाटली "मी माहिती होणार" आणि मना जी हुशारी आली.

अर्थात "इच्छाशक्ती" बरोबरच मेळिलेल कीडिनाहीरी शिवाकीय महत्वाची. पण तोच आजार, तेच औषध पण वेगळा "प्रतिसाद" यात काम करतो ती "इच्छाशक्ती" जलपाची आणि जलपावाचीही. जलपावेवाचंय ते उपाय प्रारंभ ती बुद्धिमत होवो वासादी. **डॉ.**

(लेखक डॉ. अमिता अथवले यांचे मेळीयेन विषय आणि डॉ. अथवले प्रत्यक्ष सांगलेलं कथावा पडून आला.) दूरध्वनी ०२२-२५४३२२६६

Dentistry

- A radio interview on Oral Health with Dr. Nanda Pai was aired on AIR (Samhita Vahini) on 28th September 2012.

Dermatology

- TV Shows on the following topics were performed by Dr. Dr Siddhi B. Chikhalkar on Skin disorder and treatment, Paediatric skin diseases and treatment and Hair disorder and treatment
- Radio talks were given every three months

Endocrinology

- Has been chosen as the international center for the US Endocrine Society for Ambassador exchange programme to be held in Jan 2013

ENT

- TV9(29-11-2012): Interview :Doctor treats patient with Maggots in the Ear
- An Interview in Akashvani, on World Deaf Day was delivered
- Salman & Himesh helped handicapped children and Salman Khan launches hearing aid for all club on children's day.
- DNA(10-4-2012): Docs remove elusive fish bone from the neck
- Sandhyand(17-11-2012): Maase kha pan jara japun
- DNA: Teenage nearly strangulates her neck on a bike due to Dupatta (11-4-2012)
- Mumbai Mirror (02-05-2012): Hosp sews up man's face, leaves behind metal bits
- Times of India (12-06-2012): Article on orphan child gets hearing
- Saamna(29-11-2012): Doctor treats patient with Maggots in the Ear
- Dr. Shashikant Mhashal had given an interview on DD Sahyadri on Hello Doctor regarding Common ENT Problems, 11 July 2012

Medicine

- Dr.A.R.Pazare had given an Interview in Marathi live on Swastha Bharat in Sahyadri Channel – Live international in Aug'12 on Sahyadri Channel in oct.12 on Dengue Fever.
- Dr. N. D. Karnik had given an interview in Marathi live on 08.11.2012 – 1hour programme – Topic: "Intensive Care Unit" on DD Sahyadri – Swastha Bharat Programme of Ministry of Health
- Dr. N. D. Karnik was also interviewed in Marathi live on 08.11.2012 – 1hour programme – Topic: "Intensive Care Unit" on DD Sahyadri – Swastha Bharat Programme of Ministry of Health.
- Dr. S.B.Salagre gave an Interview on issues related to HYPERTENSION on Doordarshan Sahyadri Channel in program HELLO DOCTOR on 18th March 2012.
- Interview was given by Dr.Salagre on issues related to LIFESTYLE DISORDERS on Doordarshan Sahyadri Channel on 17th August 2012.
- Dr. Smrati Bajpai had given a talk on non availability of vaccine for HIV AIDS after 30 years of research on CNN-IBN on 1st December 2012.

Neonatology

- 2/8/2012 TV programme on Breastfeeding & Lactation management on Hello Sakhi
- Talk during Dilkhulas 20/1/2012: Radio programme on Kangaroo Mother Care.

Nephrology

Mumbai Mirror – A rare double transplant

- Brothers with renal failure get kidneys from parents Rare double transplant at KEM Hospital to save Snehal, 17, and his 19-yr-old brother.
- <http://epaper.timesofindia.com/Default/Scripting/ArticleWin.asp?From=Archive&Source=Page&Skin=MIRRORNEW&BaseHref=MMIR/2012/11/01Lata.Mishra @timesgroup.com>
- Two brothers with a genetic disorder have been donated kidneys by their parents in a rare double transplant that involved members of the same family. The boys, 17-year-old Snehal Ghatole and 19-year-old Rahul are recovering at KEM hospital, where procedures were performed on them on September 20 and October 18 respectively. Snehal received

a kidney from his father Gyaneshwar, and Rahul from his mother Manda. Another brother, Snehal's twin Swapnil, also suffered from renal failure, and passed away last year at their home in Buri village, three hours away from Nagpur. The first signs of kidney trouble had emerged in the family two years ago when Snehal started vomiting and experienced trouble while breathing. A few days later, Swapnil complained of the same symptoms. Both were diagnosed with renal failure at a hospital in Nagpur, and were asked to undergo dialysis three times a week.

- Even as they were being treated, their older brother Rahul, too, started experiencing similar problems, and was diagnosed with kidney failure as well. "There is research going on which suggests that renal failure or other kidney diseases can be caused by a mutation in the genes. As per the history given by Ghatole family, this seems a clear case of such an occurrence," Dr NK Hase, a nephrologist who was treated the brothers, told Mumbai Mirror. "Sometime only the children are affected because the parents' genes have mutated and have been transferred during fertilization as sporadic mutation genes," he added. While Gyaneshwar and Manda were pursuing dialysis as the form of treatment for their three sons, they decided to push for transplants soon after Swapnil's death. "We realised that something had to be done immediately because the problem was a lot more serious than we first thought. We were in constant fear that we will lose our other children as well," Gyaneshwar, who is a farmer, told this newspaper. Snehal and Rahul have been at KEM for almost one year, and had to recover from severe weakness before they could be ready for transplant. Luckily for them, the search for donors was not long-drawn as the parents' kidneys were found suitable.
- "We did multiple tests to determine if the parents' kidneys were fit for transplant, and all our reports suggested that we could go ahead", Dr Hase said.
- The brothers are now lying side by side in the same ward, and are often seen helping each other with their medication. Snehal is an SSC student. Rahul is in his HSC year and says he wants to be an electrical engineer. More than anything, Snehal and Rahul are happy they won't have to undergo dialysis any more. "The six hour travelling, and the four-hour dialysis, was extremely painful. Our parents have saved our lives. Now it's our job to study hard and make them proud," Rahul said.
- When contacted, Dr. Sujata Patwardhan, the head of the Urology department who performed the operations said both the brothers were doing well. "But we will keep them under observation for at least another month," she said.

Neurology

- Department was listed among the top ten neurology departments in India in a survey published In "The Week" in December 2012.
- Dr. Nilesh Palasdeokar selected as winner of TYSA (Neurology Quiz) of West Zone.

Neurosurgery

- Bodybuilding: All for the bulge <http://www.bodyhealthandfitness.net/bodybuilding-all-for-the-bulge/>
- Panelist on the M C A doctors list comments on fitness programs <http://www.mumbaimirror.com/index.aspx?page=article§id=30&contentid=20120302201203020215556945df02884>
- Comment on Trigeminal Neuralgia in the Mumbai Mirror / Times of INDIA on 2nd March 2012 http://articles.timesofindia.indiatimes.com/2012-03-02/news-interviews/31116240_1_trigeminal-neuralgia-salman-khan-jaw
- DNA Woman Going Blind regains total vision http://www.dnaindia.com/mumbai/report_mumbai-woman-going-blind-regains-total-vision_1755596
- Radio Interviews- A I R Discussion on Brain attack August 2012

Ophthalmology

- Dr. Arjun S. Ahuja, Prof. and Head – Interview appeared in various newspapers.
- Dr. Saroj I Sahdev – Interviewed by Hindustan Times and Loksatta.

Orthopedics

- Dr. MM Desai had given an interview on 16 th July on arthritis and joint replacement---programme—"Swastha Bharat"—and on 12th October—world arthritis day on Swastha Bharat.

Pediatric Surgery

- Award of Excellence for saving the life of Baby Niharika by Rotary Club Sapna Gardens Ulhasnagar

Pediatrics

- Dr. Mukesh Agrawal: Falling temperatures leading to a rise in colds and fevers- in Hindustan Times and 2) More children are falling prey to drug-resistance TB: Study - in Hindustan Times. And 3) Interview on Pneumonia in Children on IBN 7 News Channel.

Falling temperatures leading to a rise in colds and fevers

HT Correspondent

■ htmetro@hindustantimes.com

MUMBAI: The dip in mercury over the last two weeks has resulted in increased incidences of upper respiratory tract infections with symptoms such as cough, cold, sore throat and fever among Mumbaiites.

According to doctors, children, elderly and those suffering from asthma and chronic obstructive pulmonary disease (COPD) are more vulnerable for bacterial and viral infections in winter.

"There is at least 50 % rise in the number of children visiting the hospital's out patient department with cough, cold and sore throat. The asthma cases have also increased," said Dr Mukesh Agrawal, head of department of paediatrics, KEM Hospital, Parel.

The sudden plunge in temperatures accompanied by early morning smog doesn't allow the particulate matter to disseminate leading to various infections. "Viral diarrhoea which is very typical during the winter season is also on rise and many children are being treated for diarrhoea, vomiting and fever," said Dr Vijay Yewale, paediatrician, who runs a children's hospital in Navi Mumbai.

Doctors are also admitting

TIPS FOR THE COLD

- Avoid sudden temperature fluctuations
- Avoid cold drinks and ice creams
- Drink adequate quantity of water
- Early morning walks should be avoided
- Avoid stepping out during cold breeze
- Maintain good hygiene

patients diagnosed with pneumonia.

"A large number of patients have cough which is the most common symptom of viral respiratory infections. While fever responds much faster to the treatment, cough takes almost two to four weeks to disappear," said Dr Pratit Samdani, physician, Jaslok Hospital.

Doctor's advice consuming adequate amount of water, eating nutritious food, besides maintaining personal hygiene and taking adequate rest and medication.

"Patients with chronic lung diseases such as asthma can receive vaccination prior to contracting viral infections," said Dr Shahid Barmare, physician, Kohinoor Hospital, Kurla.

SUNDAY HINDUSTAN TIMES, MUMBAI
JANUARY 15, 2012

hindustan

More children falling prey to drug-resistant TB: Study

WHEN MEDICINES FAIL Experts say non-compliance or improper treatment in adult patients leading to spread of disease

Sonal Shukla

■ sonal.shukla@hindustantimes.com

MUMBAI: A recent study conducted at JJ Hospital for Children at Parel has revealed that 34 of the 500 child tuberculosis (TB) patients treated at the hospital between 2007 and 2010 were detected with drug-resistant TB, out of which 14 were diagnosed with multi-drug-resistant TB (MDR-TB).

MDR-TB occurs when TB is resistant to at least two of the best anti-TB drugs prescribed in the first line of treatment. The findings were presented at the World Society of Paediatric Infectious Diseases conference in Australia last November.

Doctors analysed the data of the 500 TB children between the age group of six months and 15 years. "Non-compliance or improper treatment and increased multi-drug resistance in adults are the reasons for the increase in the number of children with MDR. If not treated properly, such patients develop extensively drug-resistant tuberculosis (XDR-TB)," said Dr Ira Shah, incharge of paediatric

HIGHLIGHTS OF THE STUDY HEADED BY DR IRA SHAH

Between 2007 and 2010, doctors at JJ Hospital for Children at Parel analysed 500 TB-affected children in the age group of six months to 15 years.

One of the 34 patients had extensively drug-resistant TB (XDR-TB), caused by bacteria resistant to the most effective anti-TB drugs due to mismanagement of MDR-TB.

34 were detected with drug-resistant TB. Of these, 14 were diagnosed with multi-drug-resistant TB (MDR-TB) that occurs when TB is resistant to at least two of the best anti-TB drugs prescribed in the first line of treatment.

11 of the 34 patients had partial XDR-TB. While 18 patients of the total 34 had been treated in the past for the disease and likely to have relapsed due to a mutated bug, the remaining 16 were in contact with adults suffering from TB.

HIV and TB clinic at Wadia Hospital who headed the study. At present, Dr Shah is treating at least 60 drug-resistant cases. Doctors say the incidence of children infected with MDR-TB has been on the rise since 3-4 years. At the paediatric department of KEM Hospital at Parel, one of the three children who approached the hospital two years ago and treated with the

PRECAUTIONS

- Avoid crowded places
- If anybody in the house is coughing for more than 15 days, get the person evaluated for TB
- If anybody in the family has fever with weight loss and loss of appetite for more than 15 days, get the person screened for TB
- Treatment should be started for MDR-TB only after confirming the diagnosis. It should be continued for a proper period of time.

Govt decides to isolate nine surviving patients

HT Correspondent

■ htmetro@hindustantimes.com

MUMBAI: Alarmed with two more total drug-resistant tuberculosis (TDR-TB) deaths in the city, the Union and state government has decided to quarantine the remaining nine patients out of the city boundaries in Jaisingpur in Sangli.

Last week, PD Hinduja Hospital, Mahim, broke the news of 12 patients diagnosed with TDR-TB of which three succumbed — one last year and two in the previous week.

The state has decided to shift and isolate these patients and will be responsible for their treatment and diet," said state health minister Suresh Shetty on Saturday, after a meeting with union health minister Ghulam Nabi Ansari, state and civic health officials.

The Centre's TB division team will arrive in the city on

Monday instead of the pre-scheduled date of January 18. The Centre assured constant supply of drugs and diagnosis kits to the state.

From Monday, tests to detect multi-drug-resistant TB (MDR-TB) will start at the laboratory at JJ Hospital, Byculla. The only other hospital with lab to confirm MDR-TB is Hinduja. "The BMC's own MDR-TB lab will come up at Severe TB Hospital in the next three-four months," said additional municipal commissioner Manisha Mhaikar.

The BMC will start sensitisation workshops for private practitioners on Monday to reinstate medical protocols as decided at national level. Also, notifications will be sent to private hospitals and practitioners to report TDR-TB cases to the authorities.

"We will replicate malaria tested protocols for TB to ensure that patients come to us early," added Mhaikar.

Pharmacology and therapeutics

- A series of articles on Ayurveda, in Arogya supplement in Navakal Newspaper. Dr Sudatta Shirolkar & Dr NN Rege.

Looking Ahead

Looking Ahead

Anatomy

- Setting up of CCTV monitoring
- Preparation of e-learning modules for microanatomy and gross anatomy for 1st MBBS students
- Setting up of Plastination Facility, electron microscopy, genetics lab
- Air-conditioning of Dissection Hall, Microanatomy Laboratory, Anatomy Lecture Theatre with Laminar Airflow Systems

Anesthesia

- OT Complex of Two Floors in the New Building
- Replacements of old equipments.
- 10 bedded AICU
- 10 bedded HDU
- State of art superspecialty operation theatres.
- Peri operative management of liver transplant surgeries.
- Education
- Setting up a difficult airway training centre.
- Starting DM in Cardiac Anesthesia, Neuro Anesthesia, Paediatric Anesthesia.

Biochemistry and Clinical Nutrition

- *Teaching* : To introduce newer approaches to the practical curriculum and integration of curriculum.
- *Patient care* : Better patient care by optimizing all present facilities
- *Research* :To collaborate with other institutes and to achieve excellence in research.

Cardiology

- A portable echo-color Doppler machine and another Cath lab
- Starting a 'Chest pain registry'
- Fellowship program for post DM /DNB candidates in Pediatric Cardiology, adult interventional cardiology and electrophysiology

Chest medicine

- Procuring video EEG
- Setting up a fully equipped interventional bronchology facility
- Procuring a pluroscope
- Develop lab for skin prick tests and desensitization

Clinical Pharmacology

Patient care

- To set up blood level estimation of immunosuppressants in renal transplantation- cyclosporine, tacrolimus, sirolimus and provide routine monitoring in collaboration with department of nephrology.

Research

- To set up a Pharmacogenetic laboratory with facilities for Restriction Fragment Length Polymorphism (RFLP).Carrying out genotyping studies for drug metabolizing enzymes.
- Capacity building in Therapeutic Drug Monitoring with the use of LCMSMS and in the area of stem cell research.

CVTS

- Expansion of the facilities has been proposed in the 2nd phase of the institution development plan
- A separate area of 1500 sq ft is proposed for combined library and seminar hall for Cardiology, CVTS and Chest Medicine Department in the proposed multistoried building.

Dentistry

- Training Program for Nurses on 'Spiritual Health' in collaboration with Bhaktivedant Hospital'.
- OT Technique short term certificates course for Nurses for 3 months.
- Forwarding proposal to start Basic and or post Basic BSc Nursing programmes.

Dermatology

- Expansion of cosmetology services

Endocrinology

- *Patient Care*
 - o Establish Foot Care Clinic
 - o Disorders of sexual development
 - o Neuro Endocrinology clinic
 - o Thyroid Sonography and obesity clinic
 - o Diabetes prevention program.
- *Research:*
 - o Establish molecular endocrinology laboratory
 - o Regional referral centre for genetic diagnosis in endocrine disorders
 - o Genotyping in patients with congenital adrenal hyperplasia
 - o Newborn screening program in congenital hypothyroidism and congenital adrenal hyperplasia
 - o Pharmacogenetics in various endocrine disorders like Diabetes Mellitus Osteoporosis etc
- *Education*
 - o Start a diabetes Educators program for nursing staff/ Medical social worker
 - o Fellowships in Pediatric and Adolescent Endocrinology and Reproductive Endocrinology

ENT

- Expansion of work on Cochlear implants and laryngo-tracheal stenosis surgery

Forensic medicine

- Promotion of cadaveric organ donation

Gastroenterology

- Establishment of a Liver ICU in coordination with Department of GI surgery
- In collaboration with the GI Surgery Department, a combined OPD for patients requiring integrated care has been planned.
- Training for research and GCP for all residents

GI surgery

- Expand Liver Transplant program.
- Setting up an additional ward to accommodate the patients and thus overcome overcrowding of the patients.
- Conduct HPB and Laparoscopy Training courses in Mumbai in 2013
- IHPBA conference in 2014 & IAHPE conference in 2013

Hematology

- Expansion of work on Hemophilia and Hemophilia training

Medicine

- Interactive session with ISCCM Mumbai
- Journal reviews/ topics reviews of critical care topics by fellow student doing critical care fellowship.

Microbiology

- The department proposes to accredit all its laboratory services in due course of time and strengthen diagnostics which would directly benefit patient care by procuring state of the art equipment.

Neonatology

- Establishment of emergency Neonatal Care services and Fetal Medicine Clinic.
- Initiation of Community based Kangaroo Mother Care

Nephrology

- To initiate deceased donor program & CAPD program, CKD Clinic, Dialysis clinic, lupus and autoimmune disease clinic
- Computerization of Nephrology patient's record.

Neurology

- To set up the following units: Stroke Unit, Dementia Clinic, 2nd Phase epilepsy surgery – Invasive monitoring and Intra operative electro-cortico graphy

Neurosurgery

- Expansion of work on sellar and suprasellar tumors and epilepsy surgeries.

Nuclear Medicine

- Radionuclide therapy ward for therapy of cancer thyroid and neuro endocrine tumors
- Dedicated PET/CT for diagnosis of cancer and cardiology and neurology

Nursing (college and hospital)

- Training Program for Nurses on 'Spiritual Health' in collaboration with Bhaktivedant Hospital'
- OT Technique short term certificates course for Nurses for 3 months.
- Forwarding proposal to start Basic and or post Basic BSc Nursing programmes

Obstetrics and Gynecology

- To set up additional fetal monitors for better labour ward management, Intensive care facilities in labor ward, postoperative monitoring facilities with cardioscope, defibrillator and pulse oximeter
- Recovery room with monitoring facilities for operation theatres
- Endoscopic Surgery OT is planned to reduce the of laparotomies and in effect, reduce hospital stay and costs to patients and BMC
- Sub specialty OPDs such as High Risk Pregnancy, Gynaecologic Endocrinology, Gynaecologic Oncology, Infertility including ART, Fetal Medicine and Genetic Counseling

Occupational therapy

- Setting up a unique rehabilitation care center for the physically and mentally handicapped with facility of disability evaluation
- To incorporate an orthotic and prosthetic department at the Occupational Training School & Center of Seth G. S. Medical College and K. E. M Hospital
- Developing E-learning programs for distant learning and education
- To initiate integrated Masters Program and Short Certificate Courses at the University Level.

Ophthalmology

- Renovation of OPD, Ward and OT

Orthopedics

- Computer Navigation assisted spinal surgery and arthroplasty
- Bone banking advances and Spinal rehabilitation center

- OT time to be increased with increase in no. of OT from three to four
- Dedicated orthopaedic trauma unit with 3 orthopaedic table (2 clean and 1 septic table) in EMS.
- Research Lab for stem cell, regeneration medicine, cartilage transplant, bone banking
- Intensive care unit for orthopaedic supra major cases

Pathology

Patient care

- Up-gradation of lipid and Enzyme Biochemistry with automated systems
- Re-establishment nephelometric quantitation of immunologic parameters and plasma proteins
- Initiate testing for beta 2 glycoprotein 1 antibody and establish panel of tests for lupus anticoagulants.
- Continue up-gradation of Surgical Pathology and Hematology with automated equipment and new techniques
- Continue up-gradation of hematology services with five part differential blood cell counters.
- Initiation of immunocytochemistry on FNAC slides and cell blocks
- Establish routine immunohistochemistry for tumor markers.
- Establish routine IHC for ER,PR of breast tumors
- Upgrade of lipid and Enzyme Biochemistry with automated systems
- Re-establish Nephelometer quantity of Immunology parameters and plasma proteins
- Expand range of lipid profile investigation
- Continue up gradation of Surgical Pathology and Hematology with automated equipment and new techniques
- Initiate fluorescent microscopy for autoantibody testing - Immunology laboratory.
- Continue upgradation of hematology services with additional automated analysers.
- Enhancing cytological techniques with cytocentrifugation, cell block preparation etc.
- Continue to enhance surgical pathology services with automated equipment.

Education

- Creating a seminar room in the CVTC laboratory 116 to hold teaching sessions for residents in Cardiology, Cardiac Surgery & Chest Medicine.
- Creation of a museum in CVTC laboratory 116 for display of mounted and wet specimens of hearts and lungs.
- Upgradation of UG Pathology practical class with CCTV camera & projector

Campus and infrastructure

- Renovation of Pathology Seminar hall
- Pathology museum, practical class, office renovation / restoration
- Renovation of CVTC laboratories 116, 315, 316.
- Procurement of additional photomicrographic microscopes
- Penta headed microscopes is in process
- Modernization of museum underway

Pediatric surgery

- Modular OT set up to be established

Pediatrics

- Initiation of new Pediatric Gastroenterology OPD
- Expansion of the Pediatric Wards bed strength from 90 to 120 teaching beds and increase teaching units from 3 to 4 and upgrading bed strength of Pediatric ICU to 20 beds (from present 9 beds)
- Initiation of Fellowship Programs in Pediatric Neurology & Learning Disabilities
- Establishment of Core Committee to monitor the on-going research projects in the Pediatric Department.
- Renovation and restructuring of Pediatric Research laboratory (PRL) with more emphasis on research in rare inborn errors of metabolism

Pharmacology and Therapeutics

Patient Care

- Upgradation of existing facilities for Ayurvedic therapy

Education

- E- learning modules for undergraduate students
- MCQ booklet for undergraduate students
- Development of Centre for Pharmacodynamic studies to strengthen research and learning experiences to postgraduates

Research

- Upgradation of existing research facilities (in cardiovascular and neuro pharmacology laboratories) in the Department of Pharmacology and Therapeutics

Physiology

- To develop an efficient Exercise laboratory
- To purchase a Body Composition Analyzer
- To upgrade existing equipment for the purpose of research.

Plastic surgery

- Starting fellowship in Hand surgery
- Joint clinics to be started with Department of Orthopedics and Vascular Malformation (Interventional radiologists)
- Start collaboration with other institutes (like Wadia, Tata Hospital) to let our students rotate there for exposure to different sub specialities like pediatric Plastic Surgery and Oncosurgery

Physiotherapy

Patients care

- To set up Balance and Gait analysis Laboratory
- Fitness testing and training laboratory
- Cardio Respiratory Rehabilitation units
- Job analysis and prevention of injury
- Testing and training for Physical Fitness in students

Education

- Lecture Theaters with audiovisual facilities
- Laboratories with facilities to learn Exercise Physiology and Biomechanics, Electrotherapeutics and Electro diagnosis
- Computers with advance Information Technology

Research

- Facilities for objective analysis of Physical function testing

Campus & Infrastructure

- Restructuring & expansion to accommodate patient care & teaching centre systematically

Physiology

- We intend to develop an efficient Exercise laboratory
- To purchase a Body Composition Analyzer
- To upgrade existing equipments for the purpose of research

PSM

- Collaboration with foreign universities for collaborative educational courses and academic exchange programs
- Developing a state of art – public health museum along with the reconstruction of Malwani urban health center for teaching, training and research purpose
- Establishing new RHTC at Pise Panjrapur municipal water supply unit with an occupational health screening cell – collaboration between Hydraulic engineering dept, public health dept, MCGM & PSM dept GSMC
- The department will upgrade and expand Public Health Museum and will establish a Public Health Laboratory as per MCI guidelines
- Formulate a policy for publication of research papers as an extension of the dissertation submitted by PG students

Psychiatry

Patient Care

- Suicide Survivor Group – A group that would include relatives, friends and acquaintances of persons who have died due to suicide. Group therapy will be used to help them deal with their survivor guilt, anger and other emotional issues.

Education

- To introduce the OSCE format in training and examination of students

Research

- Mental Health Helplines for the city of Mumbai – MCGM initiative
- Stress Management workshops for senior staff members
- Yoga therapy for staff and patient groups
- Workshops for counselors for helplines
- A study of coping mechanism caregiver burden and perceived social support in caregivers of geriatric patients
- Substitution therapy for Methadone maintenance therapy on opioid dependence
- Support Group for children of alcoholics
- Support Group for Narcotics Anonymous
- Day care centre for long term of rehabilitation of Schizophrenia.
- Global fund – training of doctors & nurses in harm reach in inject able drug user
- De addiction Training Program for general duty medical officers

Radiology

- PACS to be installed over a period of few months and the long awaited renovation of DSA suite.

Surgery

- Fellowship in Breast Services
- Integrated Services with Tata Memorial Hospital

Transfusion medicine

- Full automation in ELISA testing
- Computerization in Blood Bank
- To complete renovation in Blood Bank.
- To increase voluntary blood collection to 50,000 annually
- To start granulocyte apheresis and therapeutic apheresis

Urology

- Setting up of patient data archiving system (operative and clinical)
- To be a centre for training in urology recognized for fellowship by SIU as well as urology OT technician and Transplant Anesthesia
- Publication of book on instrumentation
- To organize workshops on Cadaver Retrieval and “Urinary Diversion”
- Indo-US collaboration for organ transplant

Donations and Grants

Donations and Grants

Cardiology

- Rs. 50,000 for heart ailment by Mr.Rajan A. Ruvala

Chest medicine

- Six nebulizers were donated by Ms.Priyanka Patil from German Remedies
- Six blankets were donated to IRCU by Dr.Hema Kulkarni
- Rs.10,000 was donated by Smt.Rasila Amritlal Thakker

Clinical Pharmacology

- A total of Rs 56 lacs was received from the following sources for various research projects/clinical studies (Ranbaxy Ltd, Pfizer Ltd, Stempeutics Ltd, Serum Institute of India)

CVTS

- One ECG machine (worth Rs.1,27,500) was donated by New Era Charitable Trust
- Forty infusion pumps (worth Rs. 13,60,000) were donated by Siddhi Vinayak Trust

Dentistry

- Rs. 10,000 was donated by advocate Pratap Sampat.

Medicine

- Following books were received as donations in MICU library:
 - Harrisons principles internal medicine – 18th Edition Vol 1&2 (2012).
 - Irwin and Rippe's Intensive Care Medicine – 6th Edition (Lippicott Williams & Wilkins - 2008) donated by Dr. Dalpat Mistry.
 - Goldmans CECIL Medicine – 24th Edition
 - Bertil Jacobson and Alan Murray - Medical Devices Use and Safety – 2011 from Elsevier.
 - Oxford American Handbook of Critical Care – 2009 from Oxford University.
 - The Washington Manual of Medical Therapeutics – 33rd Edition – 2010; A Lippincott Manual.
 - Ghai Essential Pediatrics – 6th Edition 2008 from CBS Publishers & distributors
- IPCA Laboratories donated Rs. 5000 for upgradation of Hypertension Services
- Received an amount of Rs.25,000 from department of Pharmacology for collaborative research on Nutritional Supplement in Medical Patients

Microbiology

Sr. No.	Source	Amount	Use
1	IDTRC, CMC & Hospital, Vellore	Rs.1,15,200/-	ASIP project for S. pneumonia, H. influenzae & N. meningitidis infection surveillance.
2	ICMR grant	Rs.3,00,000/-	patient care
3	Grant from State Government under National Vector Borne Disease Control Programme (NVBDCP)	Rs. 50,000/-	Dengue and Chikungunya ELISA
4	NACO	Rs 1,20,833	CD4 activity
5	NACO	Rs 72,000/-	EQAS activity
6	NACO	Rs 50,000/-	ICTC activity
7	Mumbai District Tuberculosis Control Society through RNTCP	Rs 20,000/-	Operation Research Project titled "Diagnosis of pediatric tuberculosis with special reference to polymerase chain reaction and urinary lipoarabinomannan assay."
8	UGC	Rs. 1,25,127/-	Travel Grant for presentation of papers in XVIII th Lancefield's International Symposium on streptococcal diseases held at Palermo, Italy from 4 th -8 th September 2011

Sr. No.	Source	Amount	Use
9	ICMR	Rs. 45,92,336; Rs. 36,95,520	MLST Project SIC Project

Neonatology

- A grant of Rs. 32,00,000 was received from UNICEF for Facility based newborn care project

Nephrology

- Fully Automatic Biochemistry Analyzer (worth Rs. 15,00,000) was donated by Shri Brihad Bharatiya Sanaj Trust
- A weighing machine with BMI (worth Rs. 30,000) was donated by Dr. Naik

Obstetrics and Gynecology

- Books costing Rs. 14,000 and issues of Journal of Obstetrics & Gynaecology of India to departmental library were donated by Dr. Parulekar
- A total of Rs. 40,47,995 was received from ICMR for various projects

Occupational therapy

- Rs. 5000 from Mr. P. S. Dantala, Shree Siddhi Surgicals, Parel East, Mumbai and Rs. 3000 from Mrs. Ranjana Keshav Jadhav were received as donation towards World Occupational Therapy Day & 62nd Anniversary of Occupational Therapy School & Centre of Seth G. S. Medical College, Celebrations

Ophthalmology

- Slit lamp from DJST – Rs 3 lacs
- Mr Mahendra Mehta – diathermy machine – Rs 50,000/-
- Dr Anand Kumta – scan machine and motorized OT table
- Ms Appasamy Associates – Cyro machine

Pathology

- Rs. 50,000 was donated by Ms. Biomeriux India Pvt. Ltd. for the project “Comparative Evaluation of Malaria Rapid Diagnostic Test Kits”
- Rs. 5000 was donated by Teaching Pathologists Conference Group-Mumbai for strengthening the department

Pediatric surgery

- Open surgery instruments were donated by Biomedicon systems
- A plasma TV was donated by Advait Parmeshwaran

Pediatrics

- Rs. 40,000 was donated by Lioness club of Breach Candy for radiant warmer
- Rs. 35,000 was donated by Lioness club of Breach Candy for Syringe infusion pump
- Rs.1,20,000 was donated by DJST for three radiant warmers
- Rs. 10,000 was donated by Dr. Reddy's laboratories
- Rs. 55,000 from DJST and Rs. 23,500 from DDF were received for LCD TVs and DVDs for patient entertainment
- Rs. 4,500 was received from Dr. Archana Kher for oxygen hoods
- Rs. 35,000 was received from DDF for LCD projector

Pharmacology and Therapeutics

- Total of Rs. 11, 76, 242 were received from pharmaceutical companies (Abbott nutrition India, Natreon Inc, Solumiks Herbaceuticals, Marico Ltd) for clinical studies
- Rs. 1, 22, 400 was received from Merck for educational activity
- Rs. 79,200 was received from Abbott healthcare Ltd. for protocol development
- Rs. 85,000 was received for conducting research methodology workshop

Plastic surgery

- Received the APSI grant for conducting workshop in Plastic Surgery in year 2012

Physiotherapy

- Various equipments like Inclinator, Computerised Treadmill, Ergocycle, Cardioscope and Oxygen concentrator (worth Rs.4,00,000) were received as grants

Physiology

- Rs. 4,400 was received as grant from Dr. Dharani toward the purchase of books

PSM

- ₹ 20,000 sanctioned from IAP Mumbai Branch for celebrating Breastfeeding week Programme.
- ₹ 16,000 from District TB Control Society for community research in Tuberculosis by RMOs.
- ₹ 2,00,000 from various NGOs to create health education material to be used in community
- ₹ 20,000 from MDACS for the training of General Practitioners.
- ₹ 2740 for Kapita Khandawala College of Education for Health Check up.
- ₹ 2470 from Siddiui's educational & welfare trust for Health Check up.

Psychiatry

- Donation of ₹ 127, 400/- was arranged to help patients in the form of medications

Surgery

- Profits of MASICON 2011 organised by Dept. of Surgery under stewardship of Dr. Abhay Dalvi donated a sum of ₹25,96,884/- (Rupees Twenty five lakh ninety six thousand eight hundred eighty four only) to Diamond Jubilee Society Trust
- Profits of MASICON 2011 organised by organised by Dept. of Surgery under stewardship of Dr. Abhay Dalvi donated a sum of ₹ 8,27,556/- (Rupees Eight lakh twenty seven thousand five hundred fifty six only) towards Department development fund, equipment purchases and other departments.

Transfusion medicine

- Received a donation of ₹ 25,000/- from Gosumec Alumani for organizing and conducting a Blood Donation Camp at Vikas College, Kannamwar Nagar, Vikhroli.

Committees, Societies, Services and Publications

Committees, Societies, Services and Publications

Academic Committee

The Academic Committee of the institute meets under chairmanship of the head of the institute to discuss the issues arising in the local educational scenario and to take policy decisions for the transaction of the curriculum. The members of this committee are from the different disciplines. The current composition of the Academic Committee is as follows:

Chairpersons: Dr. Sandhya Kamath, Director (ME & MH) i/c • Dr. Shubhangi Parkar, Academic Dean

Secretary: Dr. N. N. Rege, Professor & Head, Dept. of Pharmacology & Therapeutics

Sr. No.	Name of Academic Committee Members	Occupation & Designation
1.	Dr. Sucheta P. Dandekar	Professor & Head, Dept. of Biochemistry
2.	Dr. Pritha S. Bhuiyan	Professor & Head, Dept. of Anatomy
3.	Dr. Jayashree Gadkari	Professor & Head, Dept. of Physiology
4.	Dr. Amita Joshi	Professor, Dept. of Pathology
5.	Dr. Preeti Mehta	Professor & Head, Dept. of Microbiology
6.	Dr. Sandhya Kamat	Professor, Dept. of Pharmacology & Therapeutics
7.	Dr. Smita Divate	Associate Professor, Department of Pathology
8.	Dr. Amar Pazare	Professor & Head, Department of Medicine
9.	Dr. Nitin Karnik	Professor, Department of Medicine
10.	Dr. Varsha Kulkarni	Professor, Department of General Surgery
11.	Dr. Alka Gupta	Professor, Department of Obstetrics & Gynaecology
12.	Dr. Seema Bansode Gokhe	Professor, Department of PSM
13.	Dr. Mrudula Solanki	Associate Professor, Department of PSM
14.	Dr. Nilam Sathe	Asst. Professor, Department of ENT
15.	Dr. Ajita Nayak	Associate Professor, Department of Psychiatry
16.	Dr. Mohan Desai	Professor, Department of Orthopaedics
17.	Dr. Nalini Shah	Professor & Head, Department of Endocrinology
18.	Dr. AN Supe	Professor & Head, Department of Surgical Gastroenterology
19.	Dr. Prasanna Nyayadhish	Professor, Department of Cardiology
20.	Dr. DV Kulkarni	Associate Professor, Department of CVTS
21.	Dr. Sujata Patwardhan	Professor & Head, Department of Urology
22.	Dr. Nithya Gogtay	Associate Professor, Department of Clinical Pharmacology
23.	Dr. Bhavana Mhatre	Associate Professor, Department of PT
24.	Dr. Amita Athavale	Professor & Head, Department of Chest Medicine & EPRC
25.	Dr. Snehal Desai	Associate Professor, Department of OT

In the year 2012, 5 meetings of the Academic Committee were held.

- During these meetings the members deliberated on various issues related to the academic programmes and the necessary actions were taken.
- Disciplinary actions were recommended in some cases including absentism of students and interns.
- Requests of parents and students to consider absence or to conduct examination out of turn were considered on case to case basis and with approval from the Grievance Committee.
- Assistance was extended to Grievance Committee whenever matters were referred to the Academic committee to facilitate decisions.
- Guidelines were formulated for residents who wish to attend conferences for research work presentation.
- Responsibility of conducting Research Methodology workshop for faculty members was given to ME Unit. It was decided to hold the workshop for Professors and HODs before the year ending. The workshop for residents will be held by the Research Society.
- SOPs were formulated for solving the common issues in the educational field.
- Steps to be followed by the HOD for the students with poor attendance were formulated.

A. Student's Grievance Committee:**Coordinator:** Dr. Amita Joshi, Professor, Dept. of Pathology**Established:** April 2010

Student's Grievance Committee deals with the complaints of students. Dr. Amita Joshi coordinates these meetings. The current composition of the Student's Grievance Committee is as follows.

Sr. No.	Name of Student's Grievance Committee Members	Occupation & Designation
1.	Dr. Jayashree Gadkari	Professor & Head, Dept. of Physiology
2.	Dr. Alka Gupta	Professor, Department of Obstetrics & Gynaecology
3.	Dr. Bhavana Mhatre	Associate Professor, Department of Physiotherapy School & Centre
4.	Dr. R. R. Shinde	Professor & Head, Dept. of Preventive & Social Medicine
5.	Dr. Santosh Salagre	Associate Professor, Department of Medicine
6.	Dr. Aparna Deshpande	Professor, Department of General Surgery
7.	Dr. Snehal Desai	Assistant Professor, Dept. of Occupational Therapy School & Centre

B. Local Advisory Committee:**Established:** March, 2010

The current composition of the Local Advisory Committee Members is as follows:

Sr. No.	Name of Local Advisory Committee	Occupation & Designation
1.	Dr. Sandhya Kamath	I/C Director (Medical Education and Major Hospitals)
2.	Dr. Milind Salve	Dy. Dean
3.	Dr. Amita Athavale	Professor & Head, Chest Medicine
4.	Dr. RR Shinde	Professor & Head, Dept. of Preventive & Social Medicine
5.	Dr. Yuvaraj Bhosale	Associate professor, Dept. of Anatomy
6.	Mr. Rajesh Kurhade	Head Clerk (GHC)
7.	Mr. Sharad More	Head Clerk (UG)

Animal Ethics Committee

Established in-1997

Registered with CPCSEA in 1999 (registration no: 60/1999/CPCSEA)

The committee presently functions according to the guidelines laid down by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA).

Details of projects submitted to the Institutional Animal Ethics Committee in the year 2012 are as follows:

Total projects received, reviewed and approved: 7

The current composition of the Animal Ethics Committee is as follows:

Sr. No	Name of Members	Position on AEC	Occupation & Designation	Gender
1.	Dr. NN Rege	Chairperson	Professor. & Head, Pharmacology & Therapeutics, Seth GSMC & KEMH.	F
2.	Dr. SK Kamat	Member-Secretary	Professor, Pharmacology & Therapeutics, Seth GSMC & KEMH.	F
3.	Dr. SV Jalgaonkar	Member Co-ordinator	Assistant Professor, Pharmacology & Therapeutics, Seth GSMC & KEMH.	F
4.	Dr. PR Chaudhari	Main Nominee, CPCSEA	Scientific officer, Comparative Oncology & Experimental Nuclear Medicine, ACTREC, Tata Memorial Center.	M
5.	Dr. MM Gatne	Link Nominee, CPCSEA	Professor & Head, Pharmacology & Toxicology, Bombay Veterinary College.	F
6.	Dr. VK Shrivastava	Nominee, CPCSEA	Scientist outside the institute	M
7.	Mr. AV Shah	Nominee, CPCSEA	Non-Scientific Socially Aware Member	M
8.	Dr. MT Mane	Member	Sr. Veterinary Officer, Seth GSMC & KEMH.	M
9.	Dr. MJ Sathe	Member	Associate Professor, Microbiology, Seth GSMC & KEMH.	M

Department Development Fund*Patient Care*

The trust is set up to aid & support growth of scientific research in and development and efficient running of various depts.

with an ultimate goal to augment patient care facilities in K. E. M. Hospital with up-to date and modern equipments & instruments.

Education

Following educational activities were undertaken

Bio- Chemistry: 8th Good Clinical Practice Workshop

Occupational Therapy: GCP Workshop

Clinical Pharmacology: Workshop on Ethics in Clinical Research.

Pediatric-Medicine: CME on Chronic Lung Diseases in Children.

Anesthesia: CME on Peri-operative Transfusion Practices Dilemmas and Controversies.

Clinical Pharmacology: Workshop on Systematic Reviews and Meta Analysis.

Research

Trust has received donations for research projects of following departments and these are ongoing

Sr. No	Department	Project Name	Sponsor's Name
1	Psychiatry	Protocol A7501012-1018: "A randomized, placebo-controlled, double-Blind trial of asenapine in the prevention of relapse after long-term Treatment of Schizophrenia".	Pfizer Limited
2	Clinical Pharmacology	"Clinical Pharmacology study of artemether in hepatitis C virus infected patients, after repeated oral administration during 7 days : a proof of concept study"	Kemin Pharma
3	Clinical pharmacology	"An open label, prospective, randomized clinical trial to assess safety and pharmacokinetics of recombinant anti-D immunoglobulin versus polyclonal anti-D immunoglobulin in health Rh negative study participants"	Bharat Serums & vaccines Pvt. Ltd
4.	Clinical Pharmacology	"Application of proteomics to aid biomarker discovery in smear positive patients of P.vivax and P.falciparum".	Indian institute of Technology - M

Prizes

Interest from a Fixed Deposit of Rs. 8480/- has been given as outlined below

- Dr. Nina Dahejia Prize: Interns of G. S. Medical College
- Dr. L. H. Hiranandani Prize: 3rd M.B.B.S Student (ENT)
- Dr. GeetaRao Memorial Prize: MS (Surgery)
- Dr. V. H. Muzumdar: Final MBBS students (Ophthalmology), MD Obst& Gynecology.
- Dr. G. S. Ambardekar: MD (Anesthesia) & Diploma in Anesthesia
- Silver Jubilee: Occupational Therapy
- Dr. V. G. Rao: PSM for 1st & 2nd highest the final MBBS Exam.
- Pandurangi Award to Orthopedic –Best Resident.

Work done

Total 8 meetings were held throughout the year

Four projects are currently ongoing (please see page No- 1).

Provided internet connection to several Departments [Dean office, Dean Residence, PA to Dean, Student Section, Nurses Home, Superior Establishment, AE (M&E)].

MUHS Inspection: Miscellaneous Expenses of Rs. 6500/- were sanctioned through DDF General Fund.

Diamond Jubilee Society Trust

- Established in 1989

Objectives:

- To undertake scientific, social and statistical research in the field of health, medicine and applied science. Benefits arising out of results of the research undertaken by the trust would be extended to the poor and needy sector of the community, especially the slums dwellers and the working class in textile and other industries in Mumbai, catered by our public hospital as well as to the patient population at large.
- To promote medical education and to continually offer opportunities of upgrading knowledge, skills in the context of innovations, research and discovery in all fields of health.

3. To provide medical relief and undertake development programs in health services and upgrading health care facilities to various sectors of the society.
- The trust accepts donations to support the medical education and health facilities of Seth GS Medical College and KEM Hospital. **Donations to the trust are exempted under section 80G of the Income Tax Act 1961.** The **FCRA**, Govt. of India, Ministry of Home Affairs has given the **permission to receive and utilize foreign contribution** to Trust. The Trust has also been **recognized as SIRO**, by Department of Scientific and Industrial Research for years 2010 - 2013.

Composition:

- *Managing Trustee:* Dr. Sandhya Kamath, Dean (Seth GSMC & KEMH)
- *Secretary:* Dr. NN Rege, *Treasurer:* Dr. AN Supe, *Trustees:* Dr. Sujata Patwardhan, Dr. Nitin Karnik, Dr Vishnu Kanhere, *Advisors:* Dr. RD Bapat, Dr. MVL Kothari

Activities of the trust

- Diamond Jubilee Society Trust was able to collect Rs. 3,15,31,976/- of donations in the year (January 2012- December 2012) inclusive of Foreign donations of Rs. 12,73,800/- and Government Research Grant of Rs. 88,42,813/-. The donations are being used for the purpose stated by the donors.
- Donations worth Rs.22,35,196/- were used to purchase essential equipments, accessories and consumables for various departments, laboratories and intensive care units of the institutes as per their requirements.
- Patient education programs of Patient Education Cell were supported
- EMS facilities are being supported through the collections of Sanyog Ganesh.
- Donation was accepted of Rs. 18,99,056/- from State Bank of India for the Department of Blood Bank towards purchase of various items and equipment for Blood Bank.
- Financial support of Rs. 3,75,000/- was provided for 14 research projects undertaken by the postgraduate students and junior faculty members
- The students who have excelled in their academic career were awarded prizes and scholarships (n=31) by the trust. Funds for this purpose have been donated by the graduates, postgraduates and teachers of the institute.
- GOSUMEC Foundation, USA Research / Innovation Scholarship was awarded to following undergraduate students for their meritorious research work: a) Mr. Ninad Maniar "To glue or to stitch? An Indian perspective" (with Department of General Surgery) and b) Ms. Akanksha Thakkar "Is the genotyping of polymorphic alleles CYP2C9*2 and CYP2C9*3 useful for the prediction of Phenytoin toxicity in patients of epilepsy?" (with Department of Clinical Pharmacology). Their projects were presented in 19th International Student Congress of (bio) Medical Sciences at Groningen, Netherland.
- Support for economically challenged students was received from Pirojsha Godrej Foundation (Rs. 50,000/-)
- Institution of Dr Shailaja Malekar and late Shree Trimbak Ganesh Malekar awards for postgraduate students securing first rank in Seth GS Medical College & KEM Hospital at University examinations in MD Medicine and MD Respiratory Medicine by Dr. Shailaja Malekar (Rs. 3,00,000/-)
- 'Summer Training Program' for students of science faculty conducted by Department of Pharmacology and Therapeutics.
- 'Pharma Quiz' for the undergraduate students conducted by the Department of Pharmacology and Therapeutics
- 'Training Workshop on Emergency Medicine & Disaster Preparedness' for undergraduate students, interns and residents by Emergency Medical and Surgical Services
- 'Shidori', the co-curricular program for the undergraduate students
- Cultural events organized by the undergraduate students like *Aavishkaar* in the month of January (intercollegiate skill event) and *Advait* (Marathi play competition in December)
- 8th 'GSMC FAIMER Regional Institute' by the ME Unit was supported
- Orientation course for ME Unit Co-ordinators by the GSMC – KEMH- MCI Regional Centre
- Basic Courses in Medical Education Technology (n=4) conducted by the GSMC – KEMH- MCI Regional Centre
- Research Methodology workshop conducted by ME Unit
- 'Critical Care Training Program' of the institute (n=3)
- Lecture series in 'Research Methodology for the Clinicians & Resident Doctors' conducted by the Department of Neonatology
- "Neonatal ventilation workshop for the Clinicians & Resident Doctors" conducted by the Department of Neonatology
- Good clinical practice Workshop to be conducted by Ethics Committee
- Workshops conducted by the individual Departments:
- 21st 'Functional Endoscopic Sinus Surgery Workshop' by Departments of ENT and Anatomy

- ‘Teacher’s Training Program on Learning Disability’ conducted by Learning Disability Clinic of the Department of Pediatrics
- 7th International Surgical Workshop on ‘Laryngotracheal Stenosis Surgery’ to be conducted by the Department of ENT
- “Dermatoscopy CME – A New look at the skin” and “Dermatology CME on Update in Clinical And Aesthetic” to be conducted by the Department of Dermatology (Skin)
- “Breastcon 2012- keeping a BREAST of times” to be conducted by the Department of General Surgery
- Support for utilizing cadaver facilities of the department of Anatomy during
- ‘Reconstructive Surgery Workshop’ conducted by the Department of Anatomy and Tata Memorial Centre
- Orthopaedic workshop conducted by Bombay Orthopaedic Society
- Bombay Cadaver Course of Bombay Hospital
- ‘BOS Pelviacetabular Cadaveric Course’ conducted by the Department of Orthopaedics under the auspices of Bombay Orthopaedic Society
- Arthroplasty Course conducted by Bombay Orthopaedic Society
- Cadaveric flap dissection course conducted by the Department of Anatomy and Tata Memorial Centre
- Spine course 2012 conducted by the Department of Anatomy and Bombay Orthopaedic Society

Medical Research

- The Trust has received donations (Rs. 1,19,76,188/-) for research projects undertaken by various departments. In addition, it received funds from Government organizations towards research projects (Rs. 88, 42, 813/-).

Publication

- Annual Report of Seth GS Medical College & KEM Hospital-2011 was published under the aegis of Diamond Jubilee Society Trust.
- Donations were also accepted for publication of manuals/ abstract books and videos of courses, workshops and conferences conducted by the various departments.

Contribution from Alumni

- Institution of Dr. Choksi-Divekar Gold Medal Award for the student standing first in the Seth GS Medical College & KEM Hospital at University MD Examination in Anesthesia. Dr. MA Choksi (Dr. M Tripathi) donated Rs. 1, 15, 000/- towards the same.

Work environment

- Support extended by DJST for website of the institute to propagate the activities of the institute and facilitate communication and interaction with other medical professionals
- Annual maintenance of indoor patient monitoring software in Registration OPD and MRO sections
- Provision of computers, printers and computer stationary for GS Medical College Office
- Supply of cleaning equipment to maintain environmental hygiene for KEM Hospital
- Maintenance of front lawn and garden in the KEM campus.
- Printing of posters for Hospital Infection Control Committee
- Provision of infrastructure in office
- Institutional activities and functions
- Support for welfare activities of the institutional members

Gosumec Alumni Association

The office bearers and managing committee members of Gosumec Alumni Association are as follows:

Hon. President : Sandhya Kamath
 Hon. Vice President : Sharad Gogate
 Hon. Secretaries : Gita Nataraj, Ram Prabhoo
 Hon. Jt. Secretary : Dinesh B. Salgaonkar
 Hon. Treasurer : Nirmala Rege

Managing Committee members: ML Kothari, Lopa Mehta, VN Acharya, PD Munagekar, HD Pai, VM Dedhia, J Shah, A Tilwe, S Puntambekar, M.Natrajan, M Khembhavi, M Sarkar, A Deshpande, RY Prabhu.

- Presently, the association has 4305 members . This year saw an addition of 255 life members and 4 patron members.

- Rs. 891582/- was received as donation from GSMC 1987 batch alumni and the association thanks the batch for the same.
- A general donation of Rs. 20000/- was given by Dr. Dimpy Shah

Educational Activities

1. GAA sponsored 1st & 2nd Prize with certificate for UG/PG quiz.
 - o PG Quiz PSM was held in April 2012: 1st prize of Rs.300/- & 2nd prize of Rs. 200/- with certificate was given to Mandar Chandrachud & Sampada Dalvi respectively.
 - o Inter collegiate UG-Anatomy quiz was held in April 2012: The 4 first prize winners Gobbur Nishant, Parikh Kush, Rao Aditya & Kaderi Abdeali were awarded with cash prize of Rs. 100/-each & certificate.
 - o PG quiz Anesthesia was held in Sept.2012: 1st cash prize of Rs.250/- with certificate given to Vilas Kusare & Shital Mankar and 2nd cash prize of Rs. 150/- with certificate was given to Pushkar Desai & Shirish Mahure.
2. Student scholarships - Sneha Sanglikar, Ganpat Gawari and, Jagtap Amol were awarded Annual Scholarship of Rs.5000/- from Gosumec Alumni Association corpus fund for the year 2012-13:

Awards & Honors

The Dr. R B Redkar Memorial awardees for the year who were felicitated on foundation day (23/1/12) included Dr. Pravin Bangar (Administrative Medical Officer), Shri. M Vanmali & Shri Ashok Kadam (Hospital Office Administrator) and Mrs. Rama Malik (College Office Administrator).

Activities and donations

- Rs 15,000.00 towards printing and publication of GOSUMAG 2012, the UG magazine
- Rs. 15000.00 towards Aavishkaar 12.
- Rs.50250.00 towards purchase of magnetic tape for Library security system.
- Organized Blood Donation Camps with Blood Bank and spent Rs. 25000/- towards camp expenses in January 2012.

Hospital Infection Control Committee

KEM Hospital Infection Control Committee is now in its 20th year. The committee is chaired by Director (ME & MH,G & K) Dr Sandhya Kamath, and has as its members Dr Gita Nataraj (Microbiology, Convenor), Dr A.K Gvalani (Professor and Head, Surgery), Dr Preeti Mehta (Prof and Head, Microbiology), Dr A R Pazare (Prof and Head, Medicine), Dr Ruchi Nanavati (Prof and Head, Neonatology), Prof, Orthopedics, Dr N.B Agarwal (Prof, CVTS), Dr Salve (Deputy Dean), Dr Smita Diwate (Addl Prof, Pathology), Dr Himangi Warke (Assoc. Prof, OBGY), Matron, Assistant Matron, Sister tutors, Superintendent Pharmacy and other administrative staff as members. A theatre sub-committee has been formed which in addition to the heads of surgical specialties includes HOD, Anesthesia, members from the different engineering departments, time keeper and ORM. Six meetings were held during the year including the first theatre sub-committee meeting. A check is kept on infection rate of the hospital, biomedical waste management and sterilization techniques. Training programme on standard precautions and biomedical waste management were held in the months of March and April 2012 for the nursing cadre and labour staff. A training programme on instrument reprocessing was held for the sisters in charge of operation theatre in July 2012. Standard operating procedure for cleaning and disinfection protocol to be followed in operation theatres was prepared and distributed. Standards for working OT is regularly and scrupulously monitored. A protocol for validation of autoclaves used in surgical disciplines has been established. Global hand hygiene day was commemorated on 15th October 2012 with active participation from the nursing school and their students. Feedback on common nosocomial isolates were provided to the different disciplines on request. In the coming year, the long standing need of a rational antibiotic policy would be revisited and audit of infection control rates would be initiated.

Institutional Review Boards

1. IRB (I)
Ethics Committee for Research on Human Subjects (ECRHS)
 Established: 1986
 Current SOPs Version 3.1: 1st August 2012

2. IRB (II)

Committee for Academic Research Ethics (CARE)

Established: Nov 2008

Current SOPs Version: 16th August 2012

Received the SIDCER re-recognition award for compliance to international standards in Nov 2012

Both committees presently functions according to the requirements laid down in Schedule Y and is guided by the ICH GCP guidelines for Good Clinical Practice, ethical principles set forth in the Declaration of Helsinki and the Ethical Guidelines for Biomedical Research on Human Subjects laid down by the Indian Council of Medical Research.

Activities of the ECRHS

A total of twenty eight meetings (10 full board meetings, 1 SOP training meeting and 17 SAE Subcommittee meetings) were held in the year 2012. A total of 31 pharmaceutical sponsored projects and 7 government sponsored projects were submitted to the Ethics Committee for initial review during the year.

None of the Pharmaceutical projects were approved at first submission as there were scientific and ethical lacunae in the submitted protocols. The comments by the ECRHS members, pertaining to modifications in the protocol were sent to investigators. The answers to ECRHS comments were then reviewed and the project was granted approval. Till date 12 projects out of 38 projects have been approved, 3 projects have been archived due to termination by the sponsor and for the remaining 23, replies are awaited.

	Year 2011		Pharma	Govt
I	Total no. of projects reviewed		31	7
II	Total ongoing projects		10	2
III	Type of study	Phase I	-	-
		Phase II	7	
		Phase III	14	
		Phase IV	4	
		NA	2	
		Proof of concept	1	
		Prospective observational	1	
		Observational	1	
		Regulatory premarket medical device study	1	
IV	Departments			
	Cardiology		4	
	Clinical Pharmacology			1
	Endocrinology		9	
	Dermatology		1	
	Gastroenterology		4	
	General Surgery		1	
	Hematology		1	
	Medicine		2	
	Microbiology			1
	Neurology		2	
	Neurosurgery			1
	Nephrology			1
	Obstetrics and Gynecology		1	1
	Orthopedics		1	
	Ophthalmology		1	
	Pediatrics		1	
	Plastic Surgery		1	
	Psychiatry		2	1
	Urology			1
	Serious Adverse Event Reports			
1	Total no. of SAE at our site		Initial report 27 Follow up report 22	-
2	Total no. of death		3	-
3	Our site late reporting (after 7 th day)		-	-
4	Responses (query) from EC regarding SAE	Query letters	43	-
		Noted letters	51	-
5	SUSAR		12,048	-

Status of the ongoing sponsored projects as on 31st December 2011

1 project submitted in 1999 is ongoing.

1 project submitted in the Year 2001 is ongoing.

4 out of 59 projects submitted in the Year 2004 are ongoing

1 out of 52 projects submitted in the Year 2005 are ongoing

4 out of 69 projects submitted in the Year 2007 are ongoing

7 out of 45 projects submitted in the Year 2008 are ongoing

7 out of 47 projects submitted in the Year 2009 are ongoing

15 out of 51 projects submitted in the Year 2010 are ongoing

33 out of 51 projects submitted in the Year 2011 are ongoing

Constitution of the ECRHS as on 5th December 2012

Name of Members	Position on Ethics Committee	Designation & Affiliation	Qualification	Gender
1. Dr. Manu Kothari	Chairperson (External)	-	M.S., M. SC. (Anatomy)	M
2. Dr. Sunil Kuyare	Member secretary	Assistant Professor, (Microbiology) GSMC & KEMH	M.D., DHA, FME	M
3. Dr. SandeepBavdekar	Member, (External Scientific Expert)	Professor and Head, (Pediatrics) TN Medical College and BYL Nair Hospital.	M.D., D.C.H.	M
4. Dr. SmratiBajpai	Member	Assistant Professor, (Medicine) GSMC & KEMH	M.D., DNB.	F
5. Dr. KaizadDamania	Member (External Scientific Expert)	Professor (Obstetrics & Gynaecology) N. Wadia Maternity Hospital	M. D., DNB., F.C.P.S., D.G.O., D.F.P.	M
6. Mrs. Manisha Naik Dalal	Member (External Layperson)	-	M.Com	F
7. Dr. (Mrs.) Helen Joseph	Member (External Social Worker)	Faculty Member College of Social Work of NirmalaNiketan Institute	M.S.W., M. Phil., Ph.D.	F
8. Dr. Sandhya Kamat	Member	Professor (Pharmacology & Therapeutics) GSMC & KEMH	M.D.	F
9. Dr. Padmaja Marathe	Member	Professor (Additional) (Pharmacology & Therapeutics) GSMC & KEMH	M.D.	F
10. Dr. Milind Y. Nadkar	Member	Professor, (Medicine) GSMC & KEMH	M.D., FICP	M
11. Dr. Sweta Salgaonkar	Member	Professor, (Anesthesiology) GSMC & KEMH	M.D.	F
12. Dr. Yashashri Shetty	Member	Assistant Professor, (Pharmacology & Therapeutics) GSMC & KEMH	M.D., DBM.	F
13. Dr. Subodh Sirur	Member (External Legal Expert)	Consultant, Dermatology & Venereology, Mahatma Gandhi Memorial Hospital, Mumbai.	MBBS, DVD, LLM	M
14. Dr. Avinash Supe	Member	Professor & Head (Surgical Gastroenterology) GSMC & KEMH	M.S., FCPS, FICS, DME, DNBE, DHA.	M
15. Dr. UrmilaThatte	Member	Professor & Head (Clinical Pharmacology) GSMC & KEMH	M.D., DNB., Ph.D.	F

Alternate Members

1. Dr. Pradnya Talawadekar	Alternate Member (External Legal Expert)	Project Manager, Ojus Medical Institute, The Tulip Star, Juhu Tara Road Juhu, Mumbai 400049	B.A.M.S., L.L.M.	F
2. Mrs. Sadhana Bhatkhande	Alternate Member (Social Worker)	Medical Social Worker, (Psychiatry) GSMC & KEMH	M.A. (in social work), Masters in counseling and Psychotherapy.	F
3. Mrs. SharmilaKher	Alternate Member (External Layperson)	-	M. SC. Part 1 (Biotechnical science), Dip. In Journalism, PGDHA	F

Co-opted Member

1. Dr. RaakhiTripathi	Co-opted Member (Secretary, SAE-Subcommittee of the ECRHS)	Associate Professor, (Pharmacology & Therapeutics) GSMC & KEMH	M.D.	F
-----------------------	--	--	------	---

Activities of the CARE in the year 2012

3 of the projects were approved at first submission as there were no scientific and ethical issues in the submitted protocols.

Year 2011	Total reviewed projects	Under Process	Approved	Rejected
Thesis	228	83	143	2
Other Academic	88	29	59	-

Status of the ongoing academic projects as on 31st December 2012

4 Thesis projects submitted in the Year 2007 are ongoing.

11 out of 233 Thesis and 4 out of 119 other academic projects submitted in the Year 2008 are ongoing.

4 out of 209 thesis and 56 out of 96 other academic projects submitted in the Year 2009 are ongoing.

39 out of 173 thesis and 84 out of 119 other academic projects submitted in the year 2010 are ongoing.

141 out of 214 thesis and 66 out of 86 other academic projects submitted in the year 2011 are ongoing.

Departments	Thesis	Other Academic
Anatomy	8	1
Anesthesia	24	5
Chest Medicine	4	-
Dental	-	1
ENT	1	-
Pharmacology	1	3
Orthopedics	11	2
Medicine	23	2
Neurology	1	-
Nursing	1	4
Nephrology	2	1
Neurosurgery	-	1
Ophthalmology	2	-
Occupational Therapy	6	5
Physiotherapy	21	3
Pathology	11	1
Physiology	6	13
Transfusion Medicine	2	1
PSM	20	6
Pediatrics	9	2
Psychiatry	8	5
Radiology	3	0
Microbiology	6	11
Cardiology	-	3
Surgery	13	-
Gastroenterology	3	3
Surgical Gastroenterology	4	-
Nuclear Medicine	2	-
Pediatric Surgery	1	1
Plastic Surgery	-	1
Endocrinology	2	3
Obstetrics and Gynecology	26	2
Clinical Pharmacology	2	4
Hematology	-	-
Dermatology	4	1
Pediatric Neurology	1	-
HIP Surgery	-	1
Immunohematology	-	1

Constitution of CARE

Sr. No.	Name of Members	Position on Ethics Committee	Designation & Affiliation	Qualification	Gender
1	Dr. Kamal Hazari	Chairperson (External)	(Former Sr. Deputy Director - NIRRH – ICMR (Mumbai)	M.D.,D.G.O, DFP	F
2	Dr. YashashriShetty	Member Secretary	Assistant Professor, (Pharmacology & Therapeutics) GSMC & KEMH	M.D., DBM.	F

Sr. No.	Name of Members	Position on Ethics Committee	Designation & Affiliation	Qualification	Gender
3	Dr. Anahita Chauhan	Member	Assoc. Professor, (Obstetrics & Gynecology) GSMC & KEMH	M.D.	F
4	Dr. Sona Dave	Member (External Scientific Member)	Professor, (Anesthesiology) TYBL & Nair Hospital	M.D., DNB	F
5	Dr. Shilpa Adarkar	Member	Assistant Professor, (Psychiatry) GSMC & KEMH	M.D.	F
6	Dr. Vikram Londhey	Member (External Scientific Expert)	Associate Professor (Medicine & Rheumatology clinic) TNMC & BYL Nair Charitable Hospital	M.D.	M
7	Mrs. Manju Manda	Member (External Layperson)	Section officer, Railways	B.Sc. Pharmacy	F
8	Dr. Mohan Desai	Member	Professor (Orthopedics) Seth GSMC & KEMH	M.S, MCPS	M
9	Dr. Aparna Deshpande	Member	Professor, (Surgery) Seth GSMC and KEMH	M.S, D.N.B.E, F.I.A.G.E.S	F
10	Mrs. Punita V. Solanki	Member	Assistant Professor, (Occupational Therapy) Seth GSMC and KEMH	MSc (O.T.)	F
11	Dr. Mouleshri Vyas	Member, (External Social Scientist)	Associate Professor & Chairperson, COPD, SSW, TISS	Ph.D. Sociology	F
12	Mrs. Sushma Singh.	(External legal Expert)	Member	B. Pharm. LL.B. LL.M Certificate in Alternative Disputes Resolution (ADR)	F
Alternate members					
1	Mrs. Sadhana Bhatkhande	Alternate Member (Social Worker)	Medical Social Worker, (Psychiatry) GSMC & KEMH	M.A. (in social work), Masters in counseling and Psychotherapy.	F
2	Mrs. Sameena Maldar	(Alternate Layperson)	Member	S.Y.B.A.	F
3	Dr. Sadhana Mahashabde	Member (External Alternate Legal Expert)	Advocate High Court	B.Sc., LLB, LL.M, PhD.	F

Significant achievements and activities of the IRBs in the year 2012

- Received the SIDCER re-recognition award for compliance to international standards at the 12th FERCAP International Conference & General Assembly, Development, Ethnicity, Culture and Ethical Health Research, held in November 18-21, 2012, at Water edge Conventional centre, Colombo, Sri Lanka.
- Training programs organized by IRBs:
 - Organized two one day workshops, one for investigators and other for ethics committee members on 13th March 2012
 - Organized One Day Workshop on “Good Clinical Practice”
- Training programs attended by CARE members and staff for updating GCP training Participation of members:
 - First Maharashtra State Research Ethics Conference Organized by Sancheti Hospital Pune in collaboration with FERCI on 21st July 2012
- Presentation of 8 research ethics related papers at various conferences by Dr Y Shetty
- 5a. Presented papers related to research ethics at conferences:**
 - Patil AE, Kamat SK, Marathe PA, Shetty YC, Kuyare SS. Participation of Normal volunteers in clinical Research: An overview of Ethical issues. This paper was presented at Maharashtra Pharmacologist's Conference 2012 on 13th -14th July 2012.
 - Kuyare S, Kamat SK, Marathe PA, Shetty YC, Thatte UM, Katkar JV Retrospective Analysis of Outcomes/Decisions Related to Revision of Proposals Submitted to an Institutional Review Board Seth G. S. Medical College & K.E.M. Hospital Ethics Committee, Mumbai, India has been published in Booklet titled “12th FERCAP International Conference & General Assembly, Development, Ethnicity, Culture and Ethical Health Research, Resource Material version 2, November 18-21, 2012, Water edge, Colombo, Sri Lanka, Pg. 132.
- 5b. Presented posters related to research ethics at conferences:** 1) Katkar JV, Shetty YC, Kuyare SS, Marathe PA, Kamat SK, Thatte UM made a poster presentation about “Activities of the IRB” during the 12th Annual International Conference of the Forum for Ethical Review Committees in Asia and the Western Pacific (FERCAP) held at Waters Edge Convention Center, Colombo, Sri Lanka on November 2012
- 6. Winning Prizes for papers related to research ethics at conferences:** Mrs. Janhavi Katkar received the Best poster presentation award' about “Activities of the IRB” during the 12th Annual International Conference of the Forum for Ethical Review

Committees in Asia and the Western Pacific (FERCAP) held at Waters Edge Convention Center, Colombo, Sri Lanka on November 18-21, 2012.

7. *Assistance provided to other Ethics Committees:* The IRBs have assisted many other ethics committees for setting up and formation of SOPs within and outside Mumbai like Ethics committee of Seven Hills hospital (Mumbai), Shatabdi Hospital (Nashik), Asha Parekh Hospital (Santa Cruz, Mumbai), Bhaktivedanta Hospital (Mira Road, Thane) and Sanjay Gandhi Post Graduate Institute of Medical Sciences (Lucknow).

Journal of Post-graduate Medicine (JPGM)

A total of 1044 articles were submitted. The editorial team took on an average 20 days to suggest reviewers and reviewers returned articles in an average time of 17 days. Editorial decisions subsequently took a week and the average time that a paper was under review was 45 days. The time (median) from first submission to acceptance was 123 days and acceptance to publication was 83 days. The acceptance rate was 3% and the impact factor for the year was 1.263.

Medical Education Unit

Activities of Medical Education Unit January 2012 – 2013

- Conducted Basic Courses in Medical Education at GSMC-KEMH-MCI Regional Centre.
- Continued a fellowship programme named 'GSMC-FAIMER Regional Institute' in collaboration with Foundation for Advancement in Medical Education and Research (FAIMER) ECFMG, Philadelphia USA.

A. GSMC-KEMH MCI REGIONAL CENTRE

- o The Seventh, Eighth, Ninth and Tenth Basic workshop on 'Medical Education Technology' were conducted by the GSMC-MCI Regional Centre as a part of faculty development programme in the months of March, April, September and October 2012.
- o The 2nd Coordinators workshop was conducted in March 2012
- o MEU coordinators from 10 medical colleges attended the orientation Course in Medical Education Technology for Coordinators
- o Total of 35 participants have attended the workshop on "Seventh MCI Basic Course in Medical Education Technology" of which fourteen were from preclinical disciplines, three from para clinical and eighteen were from clinical disciplines
- o Total of 34 participants have attended the workshop on "Eighth MCI Basic Course in Medical Education Technology" of which sixteen were from preclinical disciplines, eight from para clinical and ten were from clinical disciplines. Total of 37 participants have attended the Workshop on "Ninth MCI Basic Course in Medical Education Technology" of which eight were from preclinical disciplines, ten from para clinical and sixteen were from clinical disciplines
- o Total of 41 participants have attended the workshop on "Tenth MCI Basic Course in Medical Education Technology" of which ten were from preclinical disciplines, Eleven from para clinical and Twenty were from clinical disciplines

B. GSMC FAIMER REGIONAL INSTITUTE

- o A total of 20 participants from all over India and Middle East countries have attended the eighth GSMC FAIMER Regional Institute programme
- o The programme module consisted of different sessions on Group Dynamics, Change Management, Conflict Management, Good teaching practices and Student Assessment conducted by national and international faculty of GSMC FAIMER Regional Institute. The sessions on Distance Learning taken by Bipin, Praveen & Visha, Innovations in assessment by Rita, Avinash, Microteaching sessions by Nirmala, Smita and Qualitative Research by Nirmala and Chetana.

C. WORKSHOP ON RESEARCH METHODOLOGY AND BIOSTATISTICS

- o A 3 day workshop on "Research Methodology and Biostatistics" was conducted in which 38 participants from different medical streams have attended.

D. NCHPE 2013 (NATIONAL CONFERENCE ON HEALTH PROFESSIONS EDUCATION)

- o The ME unit of Seth G.S. Medical College & KEM Hospital was selected for conducting NCHPE 2013 (National Conference on Health Professions Education) in September 2013.

E. GUEST LECTURES:

- o Based assessment by Tejinder Singh, Vice Principal and Professor of Pediatrics WORKPLACE Christian Medical College, Ludhiana; Program Director, CMCL-FAIMER Regional Institute was conducted in which 20 staff members from various departments attended.
- o 'MOTIVATION IN MEDICAL STUDENTS' by Dr. Rashmi Kusurkar, Research Team Leader, Research in Medical Education, Institute of Research and Training, Amsterdam in which 20 staff members from various departments attended.

F. DISTANCE LEARNING COURSES CONDUCTED BY WFME (WORLD FEDERATION FOR MEDICAL EDUCATION)

- o Various distance learning courses were completed by following ME Unit Members – Dr. S. Parkar, Dr. N. Rege, Dr. P. Bhuiyan, Dr. P. Mehta, Dr. S. Dandekar, Dr. P. Iyer & Dr. M. Barot.

G. MCI VISION 2015

- o Various ME unit members was involved as a resource person at MCI for the UG and PG curriculum & Faculty at National level for implementing VISION 2015 – Dr. A. Supe, Dr. N. Rege, Dr. P. Bhuiyan, Dr. P. Mehta, Dr. S. Dandekar.

Mumbai Breast Feeding Promotion Committee

Mumbai Breastfeeding Promotion Committee is a collaborative group of Medical Colleges (Departments of Neonatology, Pediatrics, Obstetrics & Gynecology and PSM), Public Health Department of MCGM, various NGOs & UNICEF working towards the promotion of Breastfeeding in the community. The activities involved are creating awareness by conducting trainings for health professionals, health education in the community by lectures, street plays and slogans.

President : Dr. Ruchi Nanavati, Professor & Head, Department of Neonatology, KEM Hospital, Secretary : Dr. Shobha Kowli, Professor & HOD, Department of Preventive and social Medicine, KJ Somaiya Hospital, Mumbai, Vice President : Dr. Sushma Malik, professor, Department of Pediatrics, Nair Hospital, Mumbai.

The inaugural function of World Breastfeeding week was organized on 1/08/2012 at LTMG Hospital, Mumbai. Over 200 health personnel attended the inaugural function. Various activities were then conducted to promote, support & encourage breastfeeding. Additionally, training of trainers program in Infant & Young Child Nutrition was conducted for Public Health department of MCGM. This is an ongoing activity to promote breastfeeding in Mumbai.

ORACON- Congress of Orations

A collaborative effort of all societies

- ORACON 12 - 25th April 2012 – MLT
 - o Dr. VN Bagadia Oration-Topic-“ Mental Health: Reflections in Media” by Dr. Mohan Agashe, Ex. Director-Professor, Maharashtra Institute of Mental Health (MIMH)
Chairpersons: Dr. DK Deshmukh, Dr. PC Shastri
 - o Dr. UK Sheth oration-Topic-“ Life without Platelets....!” by Dr. MB Agarwal, Head, Dept of Hematology, Bombay Hospital, Mumbai. Consultant - Lilavati Hospital, Breach Candy Hospital Chairpersons: Dr. NA Kshirsagar, Dr. Farah Jijina
- ORACON 12- 6thSeptember 2012 – MLT
 - o Dr. T.O. Shah Oration-Topic- “Strategies to conquer Head & Neck Cancers -Bench, Bedside & Society” by Dr. Pan-kaj Chaturvedi, Consultant, Tata Hospital, Mumbai. Chairpersons: Dr. J.P. Dabholkar
 - o Dr. M.D. Motashaw oration-Topic- “Sacrificing Kidneys to save Lives” by Dr. Ashok Kirpalani, Prof.& Head, Dept. of Nephrology, Bombay Hospital & Research Centre, New Marine lines, Mumbai Chairpersons: Dr. Vidya Acharya, Dr. Alan Almeida

- ORACON 12- 12th December 2012 – MLT
 - o Dr. Ivan Pinto Oration-Topic- “Cardiovascular Disease In India. A Personal Voyage Of Research” by
 - o Dr. Prem Pais, Dean & Prof. of Medicine, Head Clinical Trials Division, St. John’s Medical College, Bangalore
Chairpersons: Dr. Robin Pinto, Dr. Hema Kulkarni
 - o Dr. AC Duart Monterio Oration-Topic- “Don’t Be A Gama In The Land Of Lama: High Altitude – Lessons From Ladakh” by Col. Anuj Chawla, Prof. & Head, Dept. of Physiology, Armed Forces, Medical College, Pune. Chairpersons: Dr. Anjali Joshi, Dr. Avinash Supe

Research Society

The office bearers and executive committee members are listed below

Hon. President: Dr. Sandhya Kamath

Hon. Vice President: Dr. Shubhangi R. Parkar

Hon. General Secretaries: Dr. N.Sawant, Dr. M. G. Karmarkar

Hon. Treasurer: Dr. Pradeep Vaideeswar

Executive Committee members: Dr. A.Gupta, Dr. Preeti Mehta, Dr. Amita Joshi, Dr. Chetan Kantharia, Dr. Jayashree Gadkari, Dr. Manjula Sarkar, Mrs, Zarine Ferzandi, Dr. S. Ravat.

Research Grants : Following 6 research projects selected for funding grants of Rs.30000/-were awarded on the basis of merit.

Sr. No.	Department	Title of Project
2012-13 First Set		
1	Dr. Sujata Patwardhan Prof. & Head, Urology	Urinary metabolic evaluations in normal children to formulate normogram for urinary metabolic values
2	Dr. Swapna Kanade Asso. Prof, Microbiology	Prevalence of multi drug resistance in pediatric tuberculosis.
3	Dr. Shashir Wanjare Asso. Prof, Microbiology	Screening of Cryptococcal Antigenemia (CRAG) for the early diagnosis of cryptococcosis in HIV-infected patients and its comparison with CD4 cell counts
4	Dr. Supriya Paranjpe Assit. Prof., Microbiology	Comparison of the Dried Blood Spot (DBS) with conventional serum sample for detection of Hepatitis B surface antigen (HBsAg) and anti HCV antibodies.
5	Dr. Vaishali Solanke, Assit. Prof., Microbiology	Co-relation of quantitative estimation of C- Reactive Protein (CRP) in acute cases of chikungunya in Mumbai
6	Dr. Tejal Patel Asso. Prof. - Pharmacology	Evaluation of the effects of Boerhaavia diffusa on Gentamicin induced nephrotoxicity in rats.

Following 3 research projects selected for funding grants of Rs.50000/-on the basis of merit.

2012-13 second Set		
1	Dr. A. R. Pazare Prof & Head, Medicine	Association of human leucocyte antigen with response of first line and second line antiretroviral therapy.
2	Dr.Sunil Karande Prof. Pediatrics	Evaluation of Pharmacokinetics of chloroquine in children
3	Dr.Gita Nataraj Prof. Microbiology	Evaluation of the performance of Fluorescein Diacetate (FDA) vital staining method for detecting viability of acid fast bacilli in patients on antituberculosis treatment.

List of the ongoing projects & Research Society has received donations for these projects under taken by various departments are as follows:

Sr. No	Department	Title of Project	Sponsors Name
1	Cardiology Dr. P. G. Kerkar Prof. & Head	Seraphin study:	Actelion Pharmaceutical
		Protocol H7T-MC-TABY(B)	Quintiles Research (I) Pvt. Ltd
		Ivabradine Study	Clininvent Research Pvt.ltd.
		Save Study	George Institute For global Health
		TAO Study	Sanofi-synthelabo I Ltd
		CHF Study: Novartis trial	Novartis Healthcare Pvt, Ltd
		EPICOR-Asia Study	Max Neeman Med. International Ltd
2	Neurology Dr. S.H.Ravat Prof. & Head	Brivaracetan Study	PPD Pharma Develop. India
		Biogen PRA Study	PRA International
		UCB PRA Study	PRA (UK) Ltd
3	Psychiatry Dr. Ajita Nayak Prof. & Head	Educational Grant	Pfizer Ltd.
		Protocol CN162007	Bristol Myers Squibb I P. Ltd

Workshops on Statistics and Research Methodology / Good Clinical practice

- Two days workshop on Statistics and Research Methodology on 16th - 17th August 2011 for 1st year Residents.
- Two days workshop on Statistics and Research Methodology on 29th - 30th August 2012 for 1st year residents.

Staff Society

Executive Committee members and office bearers are listed below

Office bearers

President	Dr. Sandhya Kamath Director (ME&MH, I/C)
Vice President	Dr. Seema S Bansode-Gokhe – PSM
Hon. Secretary	Dr. Kishor Khushale-Anatomy
Hon.Jt. Secretary	Dr. Uma Shinde-Biochemistry
Editor JPGM	Dr. Nithya Gogtay
Treasurer	Dr. Santosh Salagre –Medicine

Executive Committee Members: Dr. Rashmi Patil-Anatomy, Dr.Ameet Fadia-Physiology, Dr S. R. Parkar-Psychiatry, Dr. Kranti Kadam-Psychiatry, Dr. Shilpa Sankhe-Radiology, Dr. Raakhi Tripathi-Pharmacology, Dr. Nilam Sathe-ENT, Dr. M. Sathe-Microbiology, Dr. Urmila Thatte -Clinical Pharmac, Dr. Shrikala Acharya-PSM,, Dr. Mridula Solanki-PSM, Dr. Saroj Sahadev-Ophthalmology, Dr. Deepa Kane-Anesthesia, Dr. Himangi Warke-Obst. & Gynac, Mrs. Jaimala Shetye –PT

Total Monthly Scientific Meetings : 5

Paper Presentation Meetings : 2

Guest lectures & Felicitation : 3

Executive Committee Meetings : 10

The tasks handled: Amendments of constitution of Staff Society & Rules and regulations of the Journal of Postgraduate Medicine, Election and appointment of office bearers of the journal, Felicitation of Sanjay Oak Director (ME&MH)

Annual General Body Meeting: 1 (30th July 2012 in MLT)

Special GBM: 1 - 12/3/12 for deciding the amendments of constitution of Staff society and rules and regulations of JPGM and to be forwarded to Charity Commissioner office, Mumbai.

Foundation Day programme: Contributory Annual Dinner (with musical programme) was organized by the Staff Society in January 2012 in College Lawn.

Mementoes of Seth GSMC & KEMH: Embroidery Logo frames, Logoframe with Event Name addition, Mugs with logo & KEM photo, Key chains (Old & New), Shawl, Ties (Silk/ Polyester), T-shirts- Blue and off white, Mugs, Bookmarks, Diamond paper weight, Crystal Card Holder & Mobile Holder etc. are made available at reasonable cost for the various programs organized in the institution.

Donations: Received from Medknow Publications & Media Pvt. Ltd., publisher of JPGM Rs. 167471/-. The Parel Chemist Gift shop gave Rs.10000/- towards Foundation Day Dinner.

Annual Contribution: As per unanimous decision taken at the AGBM of Staff Society held on 20/8/2010, the annual contribution of staff members was increased from Rs. 500/- to Rs. 1000/- p.a. It was decided that the DM, MCH resident's contribution will be Rs 500/- and for M.D/ M.S. PG students and residents will be Rs 300/- annually for the same. The contribution would ll be collected through the HOD's of all the departments.

Telemedicine Center

The Maharashtra Telemedicine Project was initiated as a collaborative project of Indian Space Research Organization (ISRO), Govt. of Maharashtra (GoM) and Municipal Corporation of Greater Mumbai. The project is one of the major initiatives under the National Rural Health Mission (NRHM). The annual budget (2012-13) provided till November 2012 is Rs. 7,79,150/- . The KEM Hospital Telemedicine Center has been connected with Telemedicine Centers at Alibaug, Chandrapur, Karad, Kamathe, Nandurbar, Navapur, Ratnagiri, Sindhudurg, Sawantwadi, Satara, Shahapur and Thane through a satellite link & Broadband connection. The KEM Telemedicine Center is working as a Specialty Center and its doctors are providing expert advice (all specialties and super-specialties) to patients and doctors from these peripheral centers.

The working of the KEM Telemedicine Center is supervised by the KEM Telemedicine Committee which consists of -

Chairperson: Dr. Sandhya Kamath (Dean- Seth G.S. Medical College & KEM Hospital)

Members:

1. Dr. Sandeep B. Bavdekar, Professor & Head of Pediatrics, TNMC & BYL Nair Hospital.
2. Dr. Kamakshi Bhate, Additional Professor, Preventive & Social Medicine, GSMC & KEMH
3. Dr. Milind S. Tullu, Additional Professor of Pediatrics, GSMC & KEMH

The day-to-day working of the Center is carried out by Mr. Sandeep Mehendale, the Facility Manager.

A total of 5085 patients have derived the benefit of expert advice from specialists of KEM Hospital. The disciplines whose opinions have been sought include- anesthesiology, ayurvedic medicine, cardiology, cardio-thoracic surgery, chest medicine, dermatology, dentistry, endocrinology, gastro-enterology, gastro-enterology surgery, general medicine, general surgery, gynecology and obstetrics, hematology, neonatology, neurology, neurosurgery, ophthalmology, orthopedics, otorhinolaryngology, pediatric surgery, pediatrics, plastic surgery and radiology. Through this program, KEM Hospital and Municipal Corporation of Greater Mumbai are providing their contribution to promotion of health of Maharashtra's rural populace.

Women's Development Committee

The WDC is in existence since November 2006 and comprises of representatives from the various cadres of teaching, non-teaching, nursing, clerical, labor staff and medical students. The new committee was appointed with effect from August 2012. The tenure of the said committee is for 3 years. The office bearers include:

- Dr Sandhya Kamath - President
- Dr. Neena Sawant - Chairperson
- Dr. Shrikanta Oak (Staff) Member
- Dr. Milind Tullu (Staff) Member
- Dr. Supriya Paranjape (Staff) Member
- Dr. Mridula Solanki (Staff) Member
- Dr. Siddhi Chikhalkar (Staff) Member
- Dr. Aparna Ajit Bole (Staff) Member
- Mrs. Sadhna Bhatkhande (Social Worker) Member
- Shri Tanay Dixit (Clerical staff) Member
- Smt. Anjali Amit Kharkar (Clerical staff) Member
- Smt. Kalpana Gajula (Nursing Tutor) Member
- Smt. Arundhati Velhal (Nursing staff) Member
- Shri Uttam Chapte (Artist)
- Shri Sanjay Khare (Class IV) Member
- Smt. Shantaben Gohil (Class IV) Member
- Dr. Rahul Bagal (PG student) Member
- Dr. Swaroop Bhatankar (PG student) Member
- Smt. Palak Kedia (UG student) Member
- Shri Arnav Tongaokar (UG student) Member

It has conducted the following activities this year:

- Haldi Kumkum with a program on " Sari Draping " by Nursing student Preeti Tandel.
- 9th March (International Women's day): Release of the book of poems written by staff & students on Streebrunhahatya at the hands of Smt Neela Sathyanarayan . A talk show on " Mai – Leki" with 2 prominent mother- daughters in different fields : Smt Neela Sathyanarayan, Smt Anuradha Prabhudesai, Smt Varsha Bhavne and Kum Poorvi Bhavne. Anchors : Dr Neena Sawant and Smt Sadhana Bhatkande.
- Workshop on "Speed Reading and Mind mapping " for students of Seth GSMC & KEM hospital by Dr Hozefa Bhinderwalla, Consultant Psychiatrist .
- In collaboration with Marathi Vaghmay mandal organized a talk show on " Bhartiya San, Badalti Sanskruti ani Pariyavarnavar Parinam" Experts : Mr Jayraj Salgaonkar, DMC Dr Kishor Kshirsagar, and Environmental Expert Dr Umesh Kulkarni. Anchors : Dr Aparna Bole and Smt Kalpana Gajula.

- Symposium on “ Multi tasking and Time management : The Need of Every Woman” Speakers : Dr Sanjay Oak (Hon VC, DYPatil University) and Smt Shubhada Chaukar (Loksatta)

Working Committee for the Prevention of Sexual Harassment at Workplace

Savitribai Phule Gender Resource Centre

MCGM as a proactive measure to prevent sexual harassment at workplace formed a committee for prevention of sexual harassment in 2003. As per the Supreme Court guidelines; the committee has been constituted. There are 64 Complaint Committees in local MCGM offices.

This Working Committee sees its role in a larger context of making Mumbai a gender friendly city. As part of making Mumbai a gender friendly city, a Gender Resource Centre has been set up under this committee which is a part of Adhar Scheme, and is called Savitribai Phule Gender Resource Centre. The chairperson of the Centre is Dr. Suhasini Nagda (Dean Nair Dental) and the Member secretary is Dr. Kamaxi Bhate (KEM Hospital), Dr. Shubhangi Parkar (Academic Dean KEMH), Labor officer, members from education, legal, enquiry and Public Health departments.

This centre although is under MCGM it is a platform given to NGOs, UN agencies, other MCGM and Government departments for women and gender related activities. These are outlined below

- Community Psychiatry Unit (KEM Psychiatry Department)
- To provide capacity building training and skills to women in order to be part of productive work force.
- To provide capacity building trainings to the committee members of the Local Complaints committee (Working Committee)
- To pilot a violence prevention initiative within SPGRC to work towards zero tolerance to violence against women.
- Gender focused library with reading and study space By AKSHRA.
- To act as a catalyst for making Mumbai City violence free for women through social, legal and economic empowerment. Counseling and legal aid services will be provided to women in distress with the help from NGOs identified on the basis of their expertise.
- To undertake and support trainings, research and advocacy on gender issues and to develop linkages with other related departments, agencies and institutions. SPGRC does documentation and dissemination of information through IEC material like posters, pamphlets and reports.

Support Services

Support Services

Diet, Linen, Laundry and Tailoring Departments

- The activities start in the early morning at 3.30 a.m. and end at 6.00 p.m. The five subsection viz Kitchen, Diet Store, Linen Store, Laundry and Tailoring, works in co-operation. All the entries of supply and issue were carried out in SAP system.
- The Head Clerk(Diet & Linen Store) Mr. Anant Gengaje developed a software for Diet Store named "FOOD MANAGER" to keep records of all type of dietary patients admitted in the hospital from which the work like preparing Diet Sheet, Milk Sheet, Chapatti Sheet and Bread Sheet is done within half an hour without any mistake. It also keeps day to day record of vegetable, milk etc. Up gradation of software is also in progress.

Kitchen

- The kitchen has 1 head cook and 25 cooks under the supervision of 2 dieticians with co-operation of diet store provided whole day meal to approx 2000 admitted patients daily.
- The different types of diet provided include Normal therapeutic diet, Ryle's tube diet and Liquid diet. On the occasion of Special Days such as Independence day, Diwali, Christmas, Maharashtra Day and Foundation day of hospital, sweet dishes were prepared and served to all the patients.

Diet Store:

- The Diet store is being run by 1 Head Clerk, 2 Clerks, 1 Clerk works half day and 3 Hamal. This store prepare summary sheets for whole hospital like Diet sheet, Milk sheet, Chapati sheet and Bread sheet on daily basis and purchased the perishable items like Milk (3,05,260 l), Vegetables (75000 kg), Eggs (2,32,860) and Bread (41,830 packets) from the scheduled contractors as per the summary sheet and receiving the supply of same on daily basis. Non-perishable (stockable) items like Rice (42,000 kg), Dal (26000 kg), Sugar (10,000 kg) were also purchased by this store from the scheduled contractors as per the requirement.

Linen Store

- The Linen store is being run by 1 Head Clerk, 2 Clerks and 2 Hamals. This store purchased the total quantity of approximately 3,50,000 numbers of bed sheets, patient coat, patient pyjama, surgeon banian, surgeon gown and surgical dressing material such as gauze, bandage cloth, cotton wool and issued as per requirement in the year 2012

Laundry:

- The Laundry dept. run by 1 Head Clerk (Common to Diet Store), 1 Clerk, 3 Laundry Assistants and 7 Labours. Daily approx. 4500 numbers of soiled linen used by Patients as well as Doctors from all wards and theatres are collected and sent to Municipal Power Laundry as well as Private Dhobi through this department for washing and ironing. Approx 54,000 numbers of cloths were washed and ironed in the year 2012. Approximately 8000 cloths were received as condemned from various wards and theatres.

Tailoring:

- The Tailoring department is being run by 1 Head Clerk (Common to Diet Store), 1 Head Tailor, 4 Tailors and 1 Peon. Approximately 30,000 numbers of repairable torn cloths of patients and doctors were sewn.

Engineering (Mechanical and Electrical)

Activities:

- Operation & Maintenance of Mechanical & electrical equipment such as Generators, Central Air Conditioning plants, Lifts, Medical Gases, Centrl Oxygen & Nitruous Oxide supply system, Central Suction, Central Compressed Air, Central L.P.G., fire Fighting System, EPABX System & about 300 Computers alongwith its peripherals, PA SYSTEM, AMC / CMC of all types of Medical equipments are the various activities that are looked after by this department.

Achievements:

- Completion of the work of supply & installation of 15 Nos body mortuary cold room of Anatomy Department.
- Completion of the work of replacement of mortuary cabinates of 27 nos body & 09 nos body mortuary cold rooms.
- Completion of the work of upgradation, supply & installation of central AC plants of Library building. 110 TR * 02 Nos, CVTS building. 110TR * 03 Nos and MS building & old building. 450 TR * 03 Nos.
- Routine cleaning of Air Condition ducts of all major operation theatres has been carried out.
- The work of replacement of electrical control pannels in various buildings of the hospital has been completed.

- The work of electrification and rewiring of renovated OTPT section has been completed.
- Following staffs are working in M & E section of KEM Hospital.

Sr. No.	Designation	Number of Posts
1	Assistant Engineer	02
2	Sub Engineer	03
3	Junior Engineer	01
4	Head Cleark	01
5	Clerks	06
6	Shop Recorder	01

Gymkhana

Following activities were conducted by the Gymkhana committee:

- College Week for the Students
- Welcome Program for the 1st Year Students “Aarambh”
- Competitions’ such as T-shirt painting, tatto painting and other activities such as Freshers’ Welcome Party, Dance Workshop, Welcome Hike was organized for the first year students as a part of 1st year festival “Aaroah”
- Gymkhana arranged the Ganesh Festival “Atharva 12” for seven days.
- Gymkhana sent the teams of students for university team selection of Lawn Tennis, Badminton, Chess and Swimming. Around 15 students were selected in the team of MUHS to represent the university at the All India Universities Competitions.
- Gymkhana arranged the “Dandiya Night” in Navratri

Activities in process:

- Installation and Repair of Gymnasium equipments for the new multistory hostel
- Installation of Water Purifier in LCR and OT & PT Department
- English Speaking and Marathi Speaking classes for students
- Publication of GOSUMAG 12 in process

Committee members:

President : Dr. Sandhya Kamath **Asst. Dean (Academics) :** Dr. Shubhangi Parkar

Sr. No.	Post	Name of secretary	Vice- President
1	General Secretary	Chitkala Deshpande	Dr. A. N. Supe
2	Treasurer Secretary	Sudarshan Lamture	Dr. Urmila Thatte
3	Cultural Secretary Performing Arts	Uday Tekchandani	Dr. Madahv Sathe
4	Cultural Secretary Fine Arts	Akshaj Sharma	Dr. Munira Hirani
5	Gosumag Secretary	Bhagyashri Talele	Dr. S. Parkar
6	Wallpaper and Website Sec.	Harshwardhan Sant	Dr. Pravin Iyer
7	Reading Room & Debating Dept. Secretary	Agastya Belur Natasha Bala (Co-sec.)	Dr. Phatarphekar
8	Hiking Secretary	Eishaney Chaudhari	Dr. Y. B. Chavan
9	A) Cricket Secretary B) Ladies Cricket Secretary	Deven Kuruwa Juhi Bhargava	Dr. AadilChagla
10	Football Secretary	Adit Maniar	Dr. Karmarkar
11	Badminton Secretary	Shailendra (1st Term) Zilani (2nd Term)	Dr. Milind Ubale
12	Lawn Tennis Secretary	Swanit Deshpande	Dr. D. G. Kurlle
13	Athletic Aquatic Secretary	Akruti Gunderia	Dr. Dasgupta
14	Indoor Games Secretary	Niyati Mehta	Dr. Deokar
15	Volleyball & Basketball Secretary	Amit Baheti	Dr. V. R. Rathod
16	Gymnasium Secretary	Naman Agarwal	Dr. Y.J. Bhosale
17	Ladies Welfare Secretary	Esha Kodak	Dr. Anita Agrawal
18	OT Secretary	Abhinav Mishra	Dr. Karuna Nadkarni
19	PT Secretary	Jayeti Gandhi	Dr. Marya

Library

Library completed work of barcoding. Purchased 5000 tattle tapes' for Reference Books. Subscribed to 164 journals, and purchased 143 books. The online access to 210 journals was made available to all on Intranet. The membership of National Medical Library's ERMED Consortia was continued for 2012. Purchased 24 E-Books and access is available through Intranet. E-Books are also available along with Data bases. Continued to subscribe 6 databases and Online access to all Databases is available on Intranet. Along with Proquest Database we have included Dissertations & summons Agrigater. We have purchased new Medical Database, 'Up to date from 2011. The link is given on Intranet. Links are available for books of Elsevier Co. on Expert consult . We have activated the links by giving user name & password. Books worth Rs. 2,20,016/- were purchased for Y.D.M. Home lending section for U.G. Students. The Library has an Advisory committee that helps take policy decisions. The members are the Director, Dr NK Hase, Dr AN Supe, Dr SV Parulekar, Dr P Bhuyian, Dr Nalini Shah, Dr Amita Mehta, Dr CT Deshmukh, Dr Nithya Gogtay and Mrs SB Kolekar.

Medical Record Office

- Renovated in May 2012
- New Godrej Optimizers were provided for preservation of Indoor Case Papers in place of old racks.

Pharmacy

- Smt. Madhuri G. Doiphode is the Superintendent and Mr. Sucheta Potdar is the Deputy Superintendent
- The Pharmacy Dept. performs steam sterilisation and E.T.O. gas sterilisation of materials received from wards and O.T.'s.
- Preparation of E.D.T.A., Fluoride, Phenol bulbs and sterile empty bulbs required for collection of blood & urine samples for the O.P.D. and indoor patients.
- Supply of sterile distilled water & distilled water to wards and laboratories and various B.M.C. Garages in Mumbai.
- Orientation given about functioning of C.S.S.D., Pharmacy, functioning of stores, various dispensing units, preparation of various mixtures, ointments, lotions and distillation unit to students of Diploma and Degree College of Pharmacy & to post graduate Hospital Administration students on their hospital visit.
- Actively involved in the Medicine Monitoring Committee
- Most of the medicines are dispensed through 5 units (1 Main unit is working round the clock) to the O.P.D. patients and various preparation as per K.E.M. formulary like Glycerine Acriflavine, Glycerine Magsulf, M. S. liniment, Acne Lotion and Eusol Soln. for indoor patients from Dispensary and Mr. Vinod Gamare is the head pharmacist.
- The medicines procured by the medical and general Stores is being approved by Pharmacy Department.
- The Medical Stores is governed by Pharmacy Dept. Four Pharmacists are posted in Medical Stores. In the stores the medicines are procured, stored and distributed to various wards, department, theatres as per the requirement. Mr. Miind Mohite is the head clerk.

Poor Box Charity Fund (PBCF)

Dr. S.P .Dandekar is secretary of PBCF. PBCF was instituted by a standing Committee resolution in 1926. Donations are collected in this fund from various donors and from various sources such as Prime Minister's National Relief Fund, Chief Minister's Relief Fund, Mayor's Fund, Siddhi Vinayak Trust, Mahalakshmi Trust, Saibaba Sansthan, Shirdi Etc. The Money is used for poor and deserving patients after necessary sanctions are obtained. Money is also deposited for performing certain procedures or tests. A number of patients were given medical and / or financial assistance.

Human Resources (Details)

Human Resources (Details)

Medical Staff

Residents	Total numbers
Junior	701
Senior	93
Registrars	55
House Officers	36

Nursing Staff

Staff	Total numbers
Nursing Staff	980
Student Nurses	414

Superior Staff

Name of the post	Total Nos.
Administrative Officer	1
Office Superintendent	2
Deputy Dean	1
Assistant Dean	2
Jt. Chief P.O	1
AMO	11
Enquiry Officer	0
Head Clerk	12
Store of Superintendent	1
Senior Stenographer	1
Junior Stenographer	7
Typist	2
Clerk	87
Clerk cum typist	19
Naik	2
Peon	8
Havildar	1
Assistant Engineer	3
Sub-assistant Engineer	6
Medial Record Officer	1
Telephone operator "A" grade	7
Time keeper	1
Shop recorder	1
Record assistant	6
Telephone operator "B" grade	1
Junior Engineer	2
Sanitary Inspector	1
Mech. (Ref.)	7
MRT	7
Photographer cum art	0
Senor Reg. Astd.	3
Operator Refrigerator	9
Air Conditioner Operator	3
Assistant Artist	1
Regn. Assistant	45
Laundry Assistant	2
Assistant Timekeeper	2

Name of the post	Total Nos.
Havildar	2
Record Attendant	5
Proj-cum-Lib attendant	0
Assistant Havildar	5
Senior Sanitary Inspector	0
Projectionist cum mech.	0
ECG attendant	1
Lady Clinic Organizer	0
Head Pharmacist	1
Clinical Psychologist	1
Tech (M & E)	0
Senior Biochemist	2
Senior Scientific Officer	7
Junior Scientific Officer & Research Assistant	13
Scientific Officer	1
Senior Lab. Technician	15
Laboratory Technician	98
Laboratory Assistant	10
Blood Bank Assistant	4
Laboratory Attendant	7
Technician	9
Superintendent of Pharmacy	1
Head MSW	1
Pharmacist	29
Senior pharmacist	6
Deputy superintendent of pharmacy	1
Dietician	4
MSW	19
Senior electrical technician	2
Senior X-ray technician	4
Junior Aud. Spch. Thps	1
ECG technician	7
Health visitor	0
X-ray technician	39
X-ray Assistant	19
X-ray attendant	15
Propoganda officer	1

Labour Staff

Name of the post	Total Nos.
Tailor	4
Cookmate	5
Mali	12
Dresser	59
Hamal	125
Labourer	16
Ward attendant	658
Ayah	114
Sweeper	631
Barber	15
Laboratory Servant	24
PMA	8
Ref. Helper	27
Helper	4
Hamal (Mech.)	20
Sweeper cum servant	1
Morgue Attendant	7
Makadam	7

Name of the post	Total Nos.
Plumber I	0
Plumber II	1
Mason II	2
Electrician II	2
Carpenter III	1
Wireman III	6
Electrician I	4
Carpenter I	2
Wireman II	11
Head Mali	1
Head Cook	1
Cook	13
Sweeper Mukadam	3
Morgur Attend- I	2
Head Barber	1
Painter III	3
Head Tailor	0
Mestry I	1
Liftman II	17
Wireman cum Pump Operator	4

Seth GS Medical College

Medical Staff

Department	Professor	Associate Professor	Assistant Professor
Anatomy	2	9	8
Anesthesia	6	12	15
Physiology	3	8	8
Biochemistry	3	5	5
BTM	1	1	1
Microbiology	3	6	10
Pathology	4	11	7
Pharmacology	2	7	5
Preventive and Social Medicine	3	6	9
Forensic Medicine	1	4	4
Clinical Pharmacology	1	1	1
Occupational Therapy	1	3	5
Physiotherapy	3	3	5
Radiology	3	8	4
Surgery	5	8	13
Nephrology	1	0	1
Pediatrics	4	4	3
Plastic surgery	1	2	0
Neonatology	1	0	0
Obstetrics and Gynecology	5	5	20
CVTS	1	3	2
Urology	1	1	1
Neuro surgery	3	2	3
Chest Medicine	1	1	1

Department	Professor	Associate Professor	Assistant Professor
Pediatric Surgery	1	1	1
Medicine	5	6	10
Orthopedics	6	4	13
ENT	1	2	2
Endocrinology	1	1	1
Neurology	1	1	1
Cardiology	2	2	1
Skin & VD	2	2	1
Ophthalmology	2	1	2
Psychiatry	2	2	2
Psychiatry De addiction	0	1	1
Nuclear Medicine	0	1	0
Hematology	1	1	0
Gastroenterology	1	1	0
Surgical Gastroenterology	1	1	1
Dentistry	0	1	1
Health education	0	0	1

Superior Staff

Name of the post	Total Nos.
R.A	54
Operator Ref.	2
Havidar	1
Naik	1
Mali	4
Peon	8
Wireman-III	1
Hamal	10
Sweeper	17
Sweeper c-Halalkhore	0
Custodian	1
Liftman	1
Assistant liftman	0
Animal keeper	1
Mukadam	1
Ayah	1
Servant	60
Electrician-I	0
Electrician-II	0
Wireman II	0
Liftman cum wireman III	0
Telephone attendant	0
Museum attendant	0
Animal attendant	0
Photographic attendant	0
Refrigeration hamal	1
Administrative Officer	0

Name of the Post	Total Nos.
Artist	1
Senior Scientific Officer	2
Junior Scientific Officer	1
Junior Scientific Assistant	0
Clinical Psychologist	1
Modeler	1
Chief Artist	0
Chief Medical Librarian	1
Senior Artist	0
MSW	5
Junior Librarian	3
Laboratory technician	28
Assistant artist	0
Laboratory assistant	21
EEG technician	2
Head clerk	6
Clerk	17
Junior Stenographer	2
Pharmacist	0
Typist	1
CCT	11
Senior Veterinary officer	1
Biostatistician	1
Junior Theatre Technician	0
Senior laboratory technician	5
Laboratory attendant	25
Library attendant	4

Students

(Exam Results and International Observers)

International Elective Students, January 2012 to December 2012

Name of Country	No. of Students	Subjects
Afganistan	2	Internal Medicine, ENT
Australia	4	Pediatrics, Internal Medicine, Anesthesia, Chest Medicine, ID
Belgium	2	ENT, Surgery, PSM & ID
Canada	3	ID, Pediatrics
Germany	6	Neurology, General Surgery, Anesthesia, Medicine
Malaysia	1	Ophthalmology
Portugal	1	Gynaecology, Medicine, Surgery
Spain	1	PSM, Neurology, ID
U.K.	13	Internal Medicine, Chest Medicine, Pediatric, General Surgery, Ophthalmology, ID, Plastic Surgery, Gastroenterology, Endocrine, Psychiatry, Truama, Gynaecology, Medicine, PSM
U.S.A.	7	Anesthesai, Chest Medicine, ID, General Medicine, Pediatrics, PSM
Total	40 (Male = 19 & Female= 21)	

Results of MBBS students

Year	Number of students appeared	Number of students passed	Pass percentage
1 st year	182	172	94.51
2 nd year	188	151	80.31
3 rd year	181	181	100
4 th year	184	167	90.76

Results of post graduate students (MD/MS/DM/MCh)

Subjects	Total Appeared Students	Total Passed students
MD General Medicine	10	10
MD Paediatric Medicine	16	13
MD Anatomy	4	4
MD Anaesthesia	16	15
MD Pharmacology	6	6
MD Pathology	9	9
MD Microbiology	3	3
MD Radiology	4	4
MD T.B. & Chest	4	4
MD Psychiatry	2	2
MD Physiology	8	4
MD P. & S. M.	14	13
MD Skin & V.D.	2	2
MD Transfusion Medicine	---	---
MS General Surgery	14	12
MS Orthopaedics	8	8
MS Ophthalmology	3	3
MS E. N. T.	3	3
MS Obst & Gyn	13	12
Diploma in Obst & Gyn	11	5

Subjects	Total Appeared Students	Total Passed students
Diploma in Child Health	10	8
Diploma in Anaesthesia	17	17
Diploma in Medical Radio Diagnosis	5	5
Diploma in Public Health	1	1
Diploma in Psychiatry Medicine	1	1
Diploma in Skin V.D.	2	2
Diploma in Ophthalmology	3	3
Diploma in Diabetology	1	1
DM. Cardiology	3	3
DM. Neurology	2	2
DM. Nephrology	2	2
DM. Gastroenterology	2	2
DM. Endocrinology	1	---
DM. Neonatology	---	---
DM. Clinical Pharmacology	2	2
DM. Haematology	2	2
DM. Cardiac Anaesthesia	---	---
M.Ch. C.V.T.S.	3	3
M.Ch. Plastic Surgery	1	1
M.Ch. Urology	1	1
M.Ch. Paediatric Surgery	4	4
M.Ch. Neuro Surgery	2	2

Results of BP Th Students

Sr. No.	Year	Appered	Passed	%
1	First	42	35	83.33
2	Second	45	36	79.99
3	Third	26	25	96.15
4	Fourth	38	27	97.37

Results of BO Th Students

Sr. No.	Year	Appered	Passed	%
1	First	41	26	63.41
2	Second	36	21	58.33
3	Third	29	24	82.75
4	Fourth	13	12	92.30

Contact Information

Contact Information

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Administration				
Sandhya Kamath	Director i/c	7020	9820703191	deangsmc@kem.edu
S.R. Parkar	Academic Dean	7601	9819282175	pshubhangi@gmail.com
Milind Salve	Deputy Dean	7053	9769363228	
Ajay Rana	Deputy Dean	7053	9821274483	
Shri Bhoja	Joint Personal Officer	7032		
Smt. H. Phulsundar	Joint Labour Officer	7048		
Shri N. Ambolkar	Administrative Officer	7018		
Smt. Shubangi Chavan	Office Supdt. (KEM)	7019		
Smt. Phansare	Office Supdt. (Stores)	7415		
Smt. Shilpa Kotwaliwale	Personal Asst. to Secretary	7021	9594315044	shilpa.k@kem.edu
Smt. Rashmi Sahastrabudhe	Junior Steno	7021		
Support Services				
Engineering (Civil)				
P.A. Varadkar	Sub Engineer	7454	9892328585	
B.T. Sawant	Sub Engineer	7454	9967911642	
R.J. Govari	Sub Engineer	7454	9820880217	
Engineering (Mechanical & Electrical)				
Ashok Shetti	Assistant Engineer	7459	24107459	shetti_ashok@rediffmail.com
Hiten Rane	Sub Engineer (Gas)	7456	24107799	hitenrane@gmail.com
Anand Gawli	Sub Engineer (Refrigeration)	7868	24107456	amolforall@gmail.com
Amol Rathod	Junior Engineer	7456	24107456	
Alka Phatak	Clerk	7835	24107835	
Shubhangi Tambe	Clerk (Med. Equip. Repairs)	7835	24107835	
Rajesh Solanki	Clerk (Stores)	7460	24107460	
Bina Kambli	Clerk (Scrap)	7459	24107459	
Anil Bhadarka	Clerk (Gas)	7456	24107456	
Furniture & Linen				
Vilas Jadhav	Clerk	7450		
Nursing				
Swati G. Bhide	Matron	7412		
A.G. Velhal	Sr. Assist Matron	7013		
M. Parab	Sr. Assist Matron	7062		
U.A. Chavan	Jr. Assist Matron	7049		
Social Service				
D.R. Makanikar	Head	7054	9920723843	
Bindu Pujara	MSW	7075		
Hanumanth Shinde	MSW	7079	9329154451	
Vijaya Naik	MSW	7430		
Shubhangi Jena	MSW	7430		
Sangeeta Kasbekar	MSW	7430		

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Sadhana Bhatkhande	MSW	7311		
Shambho Dalvi	MSW	7088	981991346	
Tara Kedare	MSW	7056		
Ravindra Ingole	MSW	7421		
Rajesh Kamble	MSW	7820	9869001865	
Subhash Salve	MSW	7480		
Prakash Sawant	MSW	7421	9869654784	
Narayan Kokani	MSW	7055	9969656651	
Vasant Sutar	MSW	7820	9322638955	
Deepak Shingane	MSW	7311		
Rupali Gujar	MSW	7055	9892355061	
Ashwini Patil	MSW	7160		
Dadasa Sonwalkar	MSW	7430	9869647294	
Shyamal Hodawadekar	Clerk cum Typist	7054		
Diet				
B.M. Lewis	Dietician	7404	9820951806	bernelewis@yahoo.co.in
Manasi Bapat	Dietician	7083	9820951806	bapatmanasi@yahoo.co.in
Safala Mahadik	Dietician	7865	9769304734	safalmahadik@yahoo.com
Neha Shintre	Dietician	7404	9892032880	nehas2910@gmail.com
Linen				
Anant Gengaje	Head Clerk	7418	24107418	
Dinkar Bharmal	Clerk	7418	24107418	
Devdas Koli	Clerk	7418	24107418	
Laundry				
Anant Gengaje	Head Clerk	7323	24107323	
Sushil Sawant	Clerk	7323	24107323	
Dilip Gholap	Assistant	7323	24107323	
Jamil A.	Assistant	7323	24107323	
Virsingh Kamble	Assistant	7323	24107323	
Library				
Sunita Kolekar	Chief Medical Librarian	7072	9833859904	
Maduri Khochikar	Junior Librarian	7499	24107499	
Snehalata Ghule	Junior Librarian	7499	24107499	
Priya Dani	Junior Librarian	7499	24107499	
Pharmacy				
M.G. Doiphode	Superintendent of Pharmacy	7017	9820013723	
A.G. Bole	Dy Supdt. of Pharmacy	7250	9757398649	
Sheetal Chandan	Floor Pharmacist	-	9967462783	svchandana@hotmail.com
Committees, Societies, Services and Publications				
Animal Ethics Committee				
Sandhya Kamat	Secretary	7444		drsandhyakamat@gmail.com
Gosumec Alumni				
Gita Nataraj	Secretary	7406	24129099	nostalgia@kem.edu
Ram Prabhoo	Secretary	7406	24129099	nostalgia@kem.edu

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Institutional Review Board - 1				
Shruti Bhide	Member Secretary	7515/7444		ethicscommittee@kem.edu
Institutional Review Board - 2				
Sharmila Jalgaonkar	Member Secretary	7515/7444		ethicscommittee@kem.edu
Journal of Postgraduate Medicine				
Nithya Gogtay	Editor	7078	9820495836	njgogtay@hotmail.com
Sunil Karande	Associate Editor	7559	24107559	karandesunil@yahoo.com
Milind Tullu	Associate Editor	7559	24107559	milindtullu@yahoo.com
Praveen Iyer	Assistant Editor	7447	24107447	praveeniyer@kem.edu
Shilpa Sankhe	Assistant Editor		9820470280	drshilpas@hotmail.com
Shirish Joshi	Assistant Editor	7444	9820338456	shirishjoshi2002@yahoo.co.in
Department Development Fund				
B.M. Kandalkar	Secretary	7603	9833866176	b.m.kandalkar@rediffmail.com
Preeti Mehta		7039	9820489004	prm.kem@gmail.com
Milind Nadkar		7616	9820060705	milindnadkar@yahoo.com
Praveen Iyer		7520	9892859202	praveeniyer@kem.edu
Varsha Kulkarni		7076	9869332447	-----
Hemangi Warke		7230	9820484280	hemangiarke@kem.edu
Diamond Jubilee Society Trust				
Nirmala Rege	Secretary	7024	24156513	nimarege@gmail.com
Research Society				
N.Sawant M G Karmarkar	Hon. Gen. Secretaries	7406	24129099	nostalgia@kem.edu
Staff Society				
Seema Bansode-Gokhe	Vice President	7406	24129099	nostalgia@kem.edu
Departments				
Anatomy				
Pritha Bhuiyan	Professor & Head	7447	24107447	drprithabhuiyan@yahoo.com
M. Natarajan	Professor	7447	24107447	natarajanmuthuramalingam@yahoo.co.in
A. C. Dhamangaonkar	Associate Professor	7447	24107447	dhamangaonkar_22@yahoo.com
Lakshmi Rajgopal	Associate Professor	7447	24107447	larajgopal@hotmail.com
K. Shyamkishore	Associate Professor	7447	24107447	kshyamkishore@gmail.com
Kishore Khushale	Associate Professor	7447	24107447	infoanatomy@kem.edu
Yuvaraj Bhosale	Associate Professor	7447	24107447	dryuvaraj@gmail.com
Praveen Iyer	Associate Professor	7447	24107447	praveeniyer@kem.edu
Ashok Bendre	Assistant Professor	7447	24107447	infoanatomy@kem.edu
Rashmi Patil	Assistant Professor	7447	24107447	dr_rashmipatil@rediffmail.com
Harish Gaikwad	Assistant Professor	7447	24107447	gaikwad_974@yahoo.com
Rajneesh Pandey	Assistant Professor	7447	24107447	prajneesh@gmail.com
Sikandarbanu Yerolavi	Assistant Professor	7447	24107447	sikandarbanu_19@yahoo.co.in
Manoj Borkute	Assistant Professor	7447	24107447	manojborkute@kem.edu
Abhijeet Dhende	Assistant Professor	7447	24107447	infoanatomy@kem.edu
Jyoti Narkhede	Assistant Professor	7447	24107447	jyotinarkhede@kem.edu
Mangesh Lone	Assistant Professor	7447	24107447	mangeshlone@kem.edu

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Bharat Thakre	Assistant Professor	7447	24107447	bharatthakre@kem.edu
Lalita Thorat	Clerk cum Typist	7447	24107447	infoanatomy@kem.edu
Patlekar Bhakti	Record Assistant	7447	24107447	infoanatomy@kem.edu
Betkar Sandeep	Record Assistant	7447	24107447	infoanatomy@kem.edu
Jadhav Prashant	Modellor	7447	24107447	infoanatomy@kem.edu
Anesthesia				
Madhulata Babulbhai Garasia	Professor	7176	9821237363	garasiamadhu@yahoo.com
Manjula S. Sarkar	Professor	7176	9869984017	drmanjusarkar@yahoo.com
Rajendra D. Patel	Professor	7176	9893233761	drkvd59@yahoo.co.in
Deepa Kane	Professor	7176	9619313331	deepakane_22@yahoo.com
Anita N. Shetty	Professor	7612	9223434852	anitanshetty@yahoo.co.uk
Sweta V. Salgaonkar	Professor	7176	9869078541	swetavs@indiatimes.com
Prerana N. Shah	Assoc. Prof.	7176	9869117027	preranaps@rediffmail.com
Manali N. Nadkarni	Assoc. Prof.	7176	9820235042	manana@indiatimes.com
Madhavi Buddhi	Assoc. Prof.	7176	9969105307	madhavi_70@yahoo.com
Sunil K. Gvalani	Assoc. Prof.	7176	9920521161	skgvalani@live.com
Nandini M. Dave	Assoc. Prof.	7176	9819392094	nandini_dave@rediffmail.com
Sanjeeta R. Umbarkar	Assoc. Prof.	7176	9323273435	sanjeeta69@yahoo.com
Shashikant S. Shinde	Assoc. Prof.	7176	9920418348	shash62@yahoo.com
Aarti D. Kulkarni	Assoc. Prof.	7176	9820452868	aartidk752000@yahoo.com
Shrikanta S. Oak	Assoc. Prof.	7176	9324134023	shrikanta_oak@yahoo.com
Nirav M. Kotak	Assoc. Prof.	7176	9320056199	drnmkotak@yahoo.co.in
Yogita Patil	Assoc. Prof.	7176	9833935747	yogitapatil76@gmail.com
Pallavi V. Wagholkar	Assoc. Prof.	7176	9820492306	pallavi.nandoskar@rediffmail.com
Vijay Patil	Assist. Prof.	7176	9221525713	vijay19doc@yahoo.com
Vaibhav Dongre	Assist. Prof.	7176	9823352261	drvaibhdogc@yahoo.com
Manish Kela.	Assist. Prof.	7176	9833043683	manish-mbbs@rediffmail.com
Priti Devalkar	Assist. Prof.	7176	9769934980	pednekar priti@yahoo.com
Sanjeevani Zadkar	Assist. Prof.	7176	9225862716	zsanju@rediffmail.com
Dipti Saxena	Assist. Prof.	7176	9321344724	dipti_saxena08@yahoo.com
Amit V. Padvi	Assist. Prof.	7176	9619295770	amyth padvi@yahoo.co.in
Sambharana Nayak	Assist. Prof.	7176	9820461254	dr.samnayak@gmail.com
Avinash Bajaj	Assist. Prof.	7176	9820461916	bajaj.avinash@gmail.com
Prashant Kamadi	Assist. Prof.	7176	9833957149	Pskamdi2008@gmail.com
Sameer Bhosale	Assist. Prof.	7176	9619614356	-----
Sunil Chapane	Assist. Prof.	7176	9022144500	drgunysagar@gmail.com
Jyoti Kamble	Assist. Prof.	7176	9869371045	Jyotika_56@yahoo.com
Sanjay Choudhary	Assist. Prof.	7176	9011095728	drsanjay09@gmail.com
Navin Pajai	Assist. Prof.	7176	9870610893	drnavinpajai@gmail.com
Shraddha Mathkar	Assist. Prof.	7176	9867221109	m_shraddha@rediffmail.com
Biochemistry				
S. P. Dandekar	Professor & Head	7027	9821076406	suchetad@hotmail.com
V. G. Patke	Professor	7449	9820847795	vinaypatke@gmail.com
S. R. Prabhu	Professor	7449	9833158335	prabhusurekha@gmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
U. H. Shinde	Associate Professor	7449	9869115856	umas8586@gmail.com
R.S. Dhamnaskar	Associate Professor	7449	9920482023	rekhadhamnaskar@yahoo.co.in
C. A. Sathe	Associate Professor	7449	9820450880	drcasathe@yahoo.com
S. A. Rane	Associate Professor	7449	9930105732	drsarane@rediffmail.com
S. P. Parekh	Associate Professor	7449	9820383811	prafullparekh@rediffmail.com
G. V. Phatarphekar	Associate Professor	7449	9820045522	phatarp@gmail.com
H. S. Dahake	Assistant Professor	7449	9029696118	drhdahake@gmail.com
K. G. Sorte	Assistant Professor	7449	9370663730	krantigawali@rediffmail.com
Y.R. Pawade	Assistant Professor	7449	8055843866	yogeshpawade@gmail.com
Smt. A.N. Vichare	Record Assistant	7449	---	---
Cardiology				
Prafulla G. Kerkar	Professor & Head	7636	9820144111	prafullakerkar@rediffmail.com
Charan Lanjewar	Associate Professor	7636	9769133740	charanlanjewar@hotmail.com
Ashish Nabar	Associate Professor	7636	9819466292	ashish_nabar@hotmail.com
Milind Phadke	Assistant Professor	7636	9322868492	miphadke@hotmail.com
Pratibha J. Sawant	Clerk cum Typist	7636	24107000	---
Ganesh Gondke	Clerk Cum Typist	7636	24107000	---
Chest Medicine & EPRC				
Amita Athavale	Professor & Head	7004	24132296	amitaathavale@rediffmail.com
Vijay Khatri	Associate Professor	7630	24132296	kempulmo@vsnl.com
Jairaj Nair	Lecturer	7630	24132296	kempulmo@vsnl.com
Pratibha Dolas	Head Clerk	7428	24132296	kempulmo@vsnl.com
Gracy Zaccheus	Jr. Steno	7428	24132296	kempulmo@vsnl.com
Sudarshana Joshi	Clerk cum Typist	7428	24132296	kempulmo@vsnl.com
Clinical Pharmacology				
Urmila Thatte	Professor & Head	7081	24133767	urmilathatte@kem.edu
Nithya Gogtay	Professor	7078	24174420	njgogtay@hotmail.com
Siddharth Deshpande	Assistant Professor	7715	9325146984	sidds9o@yahoo.com
Ujjwala Parulekar	Office secretary	7715	9820163520	ujjwala07@yahoo.co.in
CVTS				
N.B. Agrawal	Professor	7005	9920097908	drnbagrawalcvts@yahoo.co.in
D.V. Kulkarni	Professor (Additional)	7632	9820451097	dkulkarni73@yahoo.com
Prashant Mishra	Assoc. Professor	7745	9833989560	dprashantmishra100@yahoo.com
Kamlesh Jain	Assoc. Professor	7207	9930320503	drkamlehjain@live.in
Rohit Shahapurkar	Asst. Professor	7207	9322258723	rohitmita@gmail.com
Balaji Aironi	Asst. Professor	7207	8879367226	drbalajiaironi@gmail.com
M.S. Soman	C.C.T	7429	9820275219	----
Mahesh Solanki	R.A.	7429	8291868220	-----
R.R. Adsul	Sr. Lab Technician	7207	9892245245	---
S.B. Kale	Lab Technician	7207	9820577080	---
S.P. Memane	Lab Technician	7207	9869056626	---
A.S. Saruk	Lab Technician	7207	9869366542	---
Vaishali Mete	Lab Technician	7207	9222105804	---

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Dentistry				
Nanda Pai	Associate Prof.	7306	98203 40680	nandapai@rediffmail.com
Prasad Bhange	Assistant Prof.	7306	9819168314	richa.bhange@gmail.com
Isha Sanghvi	Registrar	7306	98336 53882	ishasanghvi@gmail.com
Bhavana Ambore	Registrar	7306	91670 02866	bhavanaambore@gmail.com
Vrinda Sathe	Registrar	7306	98334 53757	vrinda.sathe@yahoo.co.in
Ami Gopani	House Officer	7306	98193 83434	amigopani@gmail.com
Kunal Kapadia	House Officer	7306	98198 70705	kunalkk87@gmail.com
Aditi Kamble	House Officer	7306	99694 44604	
Dermatology				
Uday Khopkar	Prof. & Head	7538	24116464	drudaykhopkar@gmail
Vidya Kharkar	Professor	7538	24300067	vidyakharkar@gmail.com
Sunanda Mahajan	Associate. Prof.	7538	24468844	sunandamahajan@gmail.com
Siddhi B. Chikhalkar	Associate. Prof	7538	9969362543	siddhibhal@yahoo.com
Atul Dongre	Assistant Prof.	-	-	-
Sunil Mishra	Assistant Prof.	-	-	-
Endocrinology				
Nalini S. Shah	Prof & Head	7491	9820223288	nalinishah@gmail.com
Tushar R. Bandgar	Associate Professor	7491	9820025037	drtusharb@gmail.com
Anurag Ranjan Lila	Assistant Professor	7491	9323065346	anuraglila@gmail.com
ENT				
Jyoti P. Dabholkar	Professor & Head	7307/7204	9820625122	drjpdabholkar@gmail.com
Shashikant Mhashal	Assist. Prof	7307/7204	9867263615	drshyashi_ent@yahoo.com
Arpit Sharma	Assist. Prof	7307/7204	9820309270	drarpitsharma@gmail.com
Hetal Marfatia	Assoc. Prof	7307/7204	9820804402	drhetal22@gmail.com
Nilam U. Sathe	Assoc. Prof	7307/7204	9821309298	drneelam_s@yahoo.co.in
Forensic Medicine				
H.M. Pathak	Professor & HOD	7210	9004550007	----
Rajesh B. Sukhadeve	Associate Professor	7644	9022839030	----
Ravindra Deokar	Asst. Professor	7620	9869741117	----
Dhritiman Nath	Asst. Professor	----	9224904496	----
Sachin S. Patil	Asst. Professor	---	9757179483	----
D.S Balsara	Asst. Professor	---	9820573298	----
Smita Koregaonkar	Laboratory Technician	7644	----	----
Kavita Surve	Laboratory Technician	7644	----	----
Dadesh Sawle	Laboratory Technician	7644	---	----
A.R.Khambekar	Clerk	7073	----	----
Gastroenterology				
Shobna Bhatia	Professor & HOD	7625	24103057	sjb@kem.edu
Akash Shukla	Associate Professor	7034	24103057	akash@kem.edu
GI Surgery				
Avinash Supe	Professor & HOD	7766	----	avisupe2@gmail.com
Chetan Kantharia	Professor	7213 / 7143	----	kanthariachetan@gmail.com
Ram Prabhu	Assoc. Professor	7213 / 7143	----	ryprabhu@gmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Sharvari Pujari	Sr. Resident	7213	9890629698	
Hematology				
Chandrakala S	Assoc. Professor & HOD			drchandra_s@rediffmail.com
Mrs.Vijayalakshmi Nair	Laboratory Technician	7063	24107063	-
Mrs.Neha Deshmukh	Laboratory Technician	7063	24107063	-
Mrs.Swati Limaye	Laboratory Technician	7063	24107063	-
Mrs.Bhakti Mayekar	Laboratory Technician	7063	24107063	-
Mrs.Veena P.Dhuri	Clerk-cum-Typist	7063	24107063	-
Medicine				
A.R. Pazare	Professor & HOD	7058	9820572212	arpazare@hotmail.com
M.Y. Nadkar	Professor	7616	9820060705	milindnadkar@yahoo.com
N.D. Karnik	Professor	7618	9821483404	drndkarnik@hotmail.com
N.N.Redkar	Professor	7641	9619679742	nnredkar@yahoo.co.in
A.G. Rajadhyaksha	Professor	7164	9821275280	anjalarajadhyaksha@kem.edu
R.N. Sahay	Associate Professor	7623	9820061099	ravindranathsahay@hotmail.com
S.B. Salagre	Associate Professor	7996	9869273662	drsantoshsalagre@hotmail.com
A.S. Sonawale	Associate Professor	7617	9892639939	sanjayarchana@hotmail.com
K.N.Yelve	Associate Professor	7641	9869788359	kavitayelve@yahoo.com
K.J. Rawat	Associate Professor	7643	9769968090	drkavit2008@hotmail.com
M.S. Vaidya	Associate Professor	7643	9833991650	meghna@yahoo.co.in
Smrati Bajpai	Asst. Professor	7997	9892270764	smratibajpai@yahoo.com
S.M. Itollikar	Asst. Professor	7997	9324280920	subshob@yahoo.co.in
Vishal Gupta	Asst. Professor	7642	9869136601	drvagupta@yahoo.co.uk
M.W. Itollikar	Asst. Professor	7642	9322075205	manish_Itollikar@yahoo.co.in
M.S. Patil	Asst. Professor	7997	9820159295	meenashipatil90@yahoo.co.in
Juhi Kawle	Asst. Professor	7997	9619413246	Juhi_kawle@yahoo.co.in
Yasmin Pathan	Asst. Professor	7997	9920305990	Yasmeen2075@yahoo.co.in
Kaustu-bhusalagre	Asst. Professor	7642	9619919967	drkakustubhsalagre@yahoo.co.in
Microbiology				
Preeti Mehta	Prof. & Head	7039	9820489004	prm.kem@gmail.com
Gita Nataraj	Professor	7552	9820067349	gitanataraj@gmail.com
M.G. Karmarkar	Professor	7985	9869284148	rajivkarmarkar@yahoo.com
Avani Koticha	Assoc. Prof	7832	9869001924	kotichaavani@hotmail.com
Madhav Sathe	Assoc. Prof	7518	9820791552	madhavsathe@yahoo.com
Nayana Ingole	Assoc. Prof	7825	9821471788	nayana_avi@rediffmail.com
Swapna Kanade	Assoc. Prof	7827	9820569565	drswapnakanade@yahoo.co.in
Priyanka Prasad	Assoc. Prof	7527	9930923115	priyanka1975@gmail.com
Shashir Wanjare	Assoc. Prof	7824	9224393601	shashirwanjare@yahoo.co.in
Sunil Kuyare	Asst Prof	7857	9224110191	drsunil77@yahoo.co.in
Supriya Paranjpe	Asst Prof	7825	9987098381	supriyaparanjpe@rediffmail.com
Pallavi Rodge	Asst Prof	7527	9920462150	vpsurase@gmail.com
Milind Ubale	Asst Prof	7827	9869392059	ubale2991@yahoo.co.in
Vijaya Torane	Asst Prof	7527	9820771180	vijayatorane@yahoo.co.in
Rupali Suryawanshi	Asst Prof	7856	9833559321	doctorrupali@gmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Shivani Verma	Asst Prof	7527	9819037234	drshivaniverma@gmail.com
Alpana Mhashilkar	Asst Prof	7527	9769628035	alpana2908@gmail.com
Rajkunwar Phakade	Asst Prof	7825	9820683801	-----
Vaishali Surase	Asst Prof	7525	9320506432	surasevaishali@gmail.com
Neonatology				
Ruchi N. Nanavati	Professor & Head	7035	9820127317	drruchinanavati@gmail.com
Nandkishor S. Kabra	Associate Professor	7035	9820919271	nskabra@gmail.com
Nephrology				
N.K. Hase	Prof and Head	7061	9821144858	nk_hase@hotmail.com
Tukaram Jamale	Assistant Prof.	----	9167460363	tukaramjamale@yahoo.co.in
Neurology				
S. H. Ravat	Professor & Head	7545	9820310850	ravatsh@yahoo.com
P. J. Oak	Assoc. Professor	7487	9820010974	sagar_Oak@rediffmail.com
Neeraj Jain	Assistant Professor	7487	9930715878	neeraj2you@gmail.com
S. S. Awate	C.C.T.	7487	-	
Suhas Todankar	Sr. Ele. Tech.	7174	-	
Uday Kamble	EEG Tech	7502	-	
Ranjeet Sawant	Lab. Attendant	7502	-	
Mukesh Shinde	R.A.	7310	-	
Neurosurgery				
Atul Goel	Professor & Head	7001	24129884	atulgoel62@hotmail.com
Aadil Chagla	Professor	7171	24113462	aadilchagla@hotmail.com
Trimurti Nadkarni	Professor	7099	24129884	tdnadkarni@hotmail.com
D.P. Muzumdar	Associate Professor	7173	24129884	dmuzumdar@hotmail.com
N.N. Dange	Lecturer	7172	24129884	docdnitin@yahoo.com
V.P. Joshi	Lecturer		24129884	vpjjoshi@rediffmail.com
Amit Mahore	Lecturer		24129884	amit2mahore@yahoo.co.in
Nuclear Medicine				
G.H. Tilve	Consultant	7874	9820416837	ghtilve@yahoo.com
Shwetal Pawar	Assistant Professor	7874	9819094304	shwetal13@yahoo.com
Obstetrics & Gynecology				
S. V. Parulekar	Professor & Head	7042	-----	shashankparulekar@kem.edu
P. K. Shah	Professor	7187	9322234814	pkshah@kem.edu
Meena Satia	Professor	7189	9869084018	meenasantia@kem.edu
N.M. Mayadeo	Professor	7185	9869233317	nmmayadeo@kem.edu
A. S. Gupta	Professor	7188	9892608513	alkagupta@kem.edu
Anahita Chauhan	Associate Professor	7184	9820296488	anahitachauhan@kem.edu
P. Y. Samant	Associate Professor	7175	9869066586	padmajasamantmavani@kem.edu
J. Rege	Associate Professor	7182	-----	jayantrege@kem.edu
Hemangi Chaudhari	Associate Professor	7186	9820508326	hkchaudhari@kem.edu
Himangi Warke	Associate Professor	7667	9820484280	himangiwarke@kem.edu
Milind Pawar	Assist.Prof	7466	9029626264	drmilindypawar@gmail.com
Deepali Kharat	Assist.Prof	7466	9833033916	deepalikharat@kem.edu
Sachin Pardeshi	Assist.Prof	7466	9320095199	sachinpardeshi@kem.edu

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Anil Mirchandani	Assist.Prof	7466	9322892021	anilmirchandani@kem.edu
Vijay Ghorpade	Assist.Prof	7466	9833490253	vijayghorpade@kem.edu
Sarita Channawar	Assist.Prof	7466	9324662866	saritchannawar@kem.edu
Rashmi Khadkikar	Assist.Prof	7466	9324229705	rashmikhadkikar@kem.edu
Ganesh Wakchaure	Assist.Prof	-----		-----
Nilima Mantri	Assist.Prof	-----	9819437957	-----
Vibha More	Assist.Prof	-----		-----
Shila Chakre	Assist.Prof	-----	9699064503	-----
Shruti Panchbudhe	Assist.Prof	-----	9324970237	-----
Harshada Thakur	Assist.Prof	-----	976459995	-----
Kausha Doshi	Assist.Prof	-----	9820332297	-----
Kimaya Mali	Assist.Prof	-----	9892648462	-----
Usha Kohli	Assist.Prof		9969411101	usha_kohli@hotmail.com
Vaishali K	CCT	7466		
Occupational Therapy				
Jayashri S. Kale	Professor	7477	9869604369	jayashrikale@gmail.com
Zarine D. Ferzandi	Associate Professor	7044	9820742360	zarine.ferzandi@gmail.com
Karuna V. Nadkarni	Associate Professor	7477	9869360064	phalekaruna@hotmail.com
Snehal P. Desai	Associate Professor	7477	9833149312	snehalpradip1955@yahoo.co.in
Punita V. Solanki	Assistant Professor	7477	9820621352	punitasolanki@kem.edu
Hemant P. Nandgaonkar	Assistant Professor	7477	9819660953	nandgaonkar.hemant@gmail.com
Moushami S. Kadkol	Assistant Professor	7477	9820528831	moushamikadkol@gmail.com
Shilpshree P. Palsule	Assistant Professor	7477	9987798660	pvpalsule@hotmail.com
Usha Bhojne - Kasar	Assistant Professor	7477	9323701389	ushabhohne@gmail.com
Shweta G. Joijode	Tutor	7477	9869824511	sjoijode@yahoo.com
Shriharsh S. Jahagirdar	Tutor	7477	9821011353	shriharshj@gmail.com
Aparna A. Bole	Asst Occupational Therapist	7477	9869039713	aparnabole@yahoo.com
Sapna V. Mishra	Asst Occupational Therapist	7477	9820659879	saps135@yahoo.com
Shilpa P. Nayak	Jr Occupational Therapist	7477	9869184919	drshilpanayak@rediffmail.com
Sanika V. Gawade	Jr Occupational Therapist	7477	9819213248	anusanl@live.com
Rupali D. Borkar	Jr Occupational Therapist	7477	9819133354	drroopali_100@yahoo.co.in
Sonali R. Dalvi	Jr Occupational Therapist	7477	9702058666	drsonalidalvi@gmail.com
Neeta S. Pawar	Jr Occupational Therapist	7477	9967436825	neeta.pawar1@gmail.com
Nutan D. Jathar	Jr Occupational Therapist	7477	9819508921	nutanjathar@yahoo.co.in
Kirti R. Kene	Jr Occupational Therapist	7477	9833045490	kirtikene4@gmail.com
Vaijanti L. Jain	Jr Occupational Therapist	7477	9819605032	vijujain_23@yahoo.com
Somnath A. Sonwalkar	Jr Occupational Therapist	7477	9699445079	soms_therapy@yahoo.co.in
S. A. Siddiqui	Senior Printer	7477	9869866056	-----
Sangeeta Kamble	R.A	7477	9167627725	-----
Ophthalmology				
Arjun Ahuja	Prof & Head	7059	09820118832	dr_arjunahuja@yahoo.com
Saroj I.Sahdev	Professor	7059	09820512629	sisahdev@hotmail.com
Sheela P. Kerakar	Asso.Prof	7059	09820297576	sheelakerkar@gmail.com
K.G. Kamat	Asst Prof	7059	09867669935	kokilagkamat@hotmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
C.N. Mandke	Asst. Prof	7059	09921029989	charutam@hotmail.com
Orthopaedics				
P.B. Bhosale	Professor & Head	7038	9820151096	drpradeepbhosale@hotmail.com
S.K. Srivastava	Professor	7568	9819710059	sudhirkumarsrivastava@hotmail.com
M.M. Desai	Professor	7463	9892275697	drmohandesai@hotmail.com
S.V. Vaidya	Professor	7066	9820612820	drsv1@yahoo.com
Bibhas DasGupta	Professor	7463	9820566830	bibhasdasgupta@gmail.com
S.S. Mohanty	Associate Professor	7463	9324523370	drssmohanty@hotmail.com
Ashok Rathod	Associate Professor	7463		dr_ashokrathod67@yahoo.com
Sandeep Sonone	Associate Professor	7463	9820042840	drsandeeps@hotmail.com
Atul Panghate	Associate Professor	7463	9821158571	atul_panghate@hotmail.com
Arvind Arora	Assistant Professor	7463	9322952851	
Deepak Bhatia	Assistant Professor	7463	9920311408	thebonesmith@gmail.com
Binoti Sheth	Assistant Professor	7463	9869913622	binotisheth@yahoo.com
Roshan Wade	Assistant Professor	7463	9820050701	drmw1@yahoo.com
Kshitij Choudhary	Assistant Professor	7463	9820217535	
Shaligram Purohit	Assistant Professor	7463	9324179714	shaligrampurohit@gmail.com
Kapil A. Pawar	Assistant Professor	7463	9421834485	
Kshitij Aggrawal	Tutor		9323421840	
Meena Narasimhan	Junior Steno	7463		
Mona Agnihotri		7554	9821930838	akshaymona@mtnl.net.in
Pathology				
B.M. Kandalkar	Professor and Head	7603/7445	9833866176	bmkandalkar@rediffmail.com
Amita Suresh Joshi	Professor	7546	9820294897	drjoshiamita@yahoo.co.in
Leena Pravin Naik	Professor	7555	9867620619	Leena_pnaik@yahoo.co.in
Daksha Piyush Prabhat	Professor	7556	9322270087	dakshaprabhat@rediffmail.com
Smita Anil Divate	Assoc. Professor	7989	9820293594	smitadivate@kem.edu
Pradeep Vaideeswar	Assoc. Professor	7550	9833509435	shreeprajai@yahoo.co.in
M.H. Ansari	Assoc. Professor	7321	9224609467	---
Gwendolyn Fernandes	Assoc. Professor	7566	9819218405	drgwenfern@yahoo.co.in
Rachana Amit Chaturvedi	Assoc. Professor	7554	9967017267	rachanachaturvedi@yahoo.co.in
Kanchan Snehal Kothari	Assoc. Professor	7554	9820056313	kanchankothari@hotmail.com
Naina Atul Goel	Assoc. Professor	7548	9819374198	nainakataria123@hotmail.com
Pragati Aditya Sathe	Assoc. Professor	7554	9324045123	pragativk@yahoo.com
Manjusha Karegar	Assoc. Professor	7526	9920270717	manjusha.karegar@gmail.com
Ratnaprabha Kundlikrao Ghodke	Assistant Professor	7554	9819666393	drnatnag@hotmail.com
Lalita Ganeshbhai Patel	Assistant Professor	7726	28331514	drpatellalita@rediffmail.com
Mona Akshay Agnihotri	Assistant Professor	7554	9821030838	monaakshay@mtnl.net.com
Ameya Vijay Rojekar	Assistant Professor	7726	9221430968	ameyrojekar@rediffmail.com
Ashwini Amol Kolhe	Assistant Professor	7550	9323964513	drashwinikolhe@gmail.com
Jayshree P Chaudhary	Assistant Professor	7548	9869793185	jayashreepath@yahoo.com
Pediatric Surgery				
Sandesh Parelkar	Professor & Head	7041	9869039091	sandeshparelkar@kem.edu
Beejal Sanghvi	Associate Professor	7219	9833452626	beejalsanghvi@gmail.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Prashant Joshi	Assistant Professor	7219	-----	pbjoshiisat@gmail.com
Aparna A Vaidya	C.C.T.	7994	9967585683	infopediatricsurgery@kem.edu
Pediatrics				
Mukesh Agrawal	Professor & Head	7060	24107060	dr_mukesh_agrawal@yahoo.co.in
Chandras T. Deshmukh	Professor	7626	24107626	ctdeshmukh@hotmail.com
Sunil Karande	Professor	7559	24107559	karandesunil@yahoo.com
Rajwanti K. Vaswani	Professor	7626	24107626	anukvaswani@hotmail.com
Mamta N. Muranjan	Professor	7559	24107559	muranjanmamta@rediffmail.com
Milind S. Tullu	Professor	7559	24107559	milindtullu@yahoo.com
Sandhya Jadhav	Associate Professor	7559	24107559	sandhyamjadhav100@rediffmail
Minal Wade	Associate Professor	7559	24107559	minalwade@gmail.com
Chhaya Mehta	Assistant Professor	7559	24107559	chhayadivecha@gmail.com
Dipali Jambhale	Assistant Professor	7559	24107559	dipalijambhale2010@gmail.com
Pharmacology				
Nirmala Rege	Professor & Head	7023	9820444940	nimarege@gmail.com
Sandhya Kamat	Professor	7516	9820165681	drsandhyakamat@gmail.com
Padmaja Marathe	Professor	7517	25365999	pam2671@gmail.com
Shirish Joshi	Associate Professor	7444	9820338456	shirishjoshi2002@yahoo.co.in
Tejal Patel	Associate Professor	7444	9969038183	drtejalchetan@gmail.com
Raakhi Tripathi	Associate Professor	7444	9821724700	lookon@rediffmail.com
Shruti Bhide	Associate Professor	7444	9224415446	shrutibhide72@gmail.com
Dnyaneshwar Kurlle	Associate Professor	7517	9757423862	dgkurlle@yahoo.com
Yashashree Shetty	Assistant Professor	7517	9869193041	yashashrirajit@gmail.com
Sharmila Jalgaonkar	Assistant Professor	7444	9819159739	sharmila_jalgaonkar@rediffmail.com
Pankaj Sarkate	Assistant Professor	7517	9223550799	pankajsarkate@gmail.com
Snehalata Borkar	Assistant Professor	7444	9920759944	dr.ssorkar@gmail.com
Urwashi Parmar	Assistant Professor	7444	9892406877	drurwashi@gmail.com
Physiology				
J. V. Gadkari	Prof. & Head		9820339201	jayashreegadkari@yahoo.com
D .N. Shenvi	Prof		9820096941	dsreshenvi@yahoo.co.in
Pushpa A. Pazare	Prof		9821486929	pushpapazare@hotmail.com
Ameet Fadia	Assoc. Prof.		9322687190	apmc33@gmail.com
Amit Navare	Assoc. Prof.		9820304983	navareamit@yahoo.com
Lalit Nikam	Assoc.Prof.		9987899982	lalitnikam@rediffmail.com
Lalita Chandan	Assoc.Prof.		9967834535	drlchandan@gmail.com
Sunanda Kirtikar	Assoc.Prof.		9820533445	sunan_kirtikar@yahoo.com
Munira Hirkani	Assoc.Prof.		9920157820	drmunira01@gmail.com
Anita Agarwal	Assoc.Prof.		9820561231	agrawalanita@hotmail.com
Sharad Patel	Asst. Prof.		8652277197	sgp7676@gmail.com
Abhay Naik	Asst. Prof.		9892042675	dragn75@rediffmail.com
Kshitija Patkar	Asst. Prof.		9322646364	drkshitijapatil@yahoo.co.in
Manish Dhadse	Asst. Prof.		9322876310	mail2drmanish@gmail.com
Hitesh Modak	Asst. Prof.		9371972433	dr_hitesh2000@hotmail.com
Sarika S. Puri	Asst. Prof.		9870774200	drsansar@gmail.co

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Laksmikant Borse	Asst.Prof.		9822427213	drborselaxmikant@gmail.com
Samadhan Mitkari	Asst.Prof.		9224701535	dsam_80@rediffmail.com
Vankatesh Rathod	Asst.Prof.		9423472580	rvenkatesh60@yahoo.com
Kavita Darra	Asst.Prof (ad hoc)		9869004524	-----
Physiotherapy				
Amita A. Mehta	Professor & Head		9819813381	amitaam@gmail.com
Saraswati Iyer	Professor		9833028588	
Chhaya Varma	Professor		27722496	chhaya-verma @indiatimes.com
Bhavana Mhatre	Assoc. Prof.		982171296	sidhe@vsnl.com
Jaimala Shetye	Assoc. Prof.		25342811	jaimalavs@gmail.com
Mariya Jiandani	Assoc. Prof.		9820191106	mariyapj@yahoo.com
Archana Gore	Assistant Prof		9820963933	milarch17@yahoo.com
Jyotsna Thosar	Assistant Prof		9821066016	jyotsnathosar@rediffmail.com
R. Lakshmi Prabha	Assistant Prof		9820218990	lakshprasad@rediffmail.com
Surkar Swati M.	Assistant Prof		9867583444	swatisurkar@kem.edu
Geete Dipti Baban	Assistant Prof		9869701464	dipti_geete@yahoo.com
Sushama Gajakos	Assistant Prof		9820219984	sushama_g7in2rediffmail.com
Rupali Deshpande	Assistant Physiotherapist		9960858803	rudesh71@gmail.com
Pallavi Dhandore	Assistant Physiotherapist		9821570750	Pallavi.dhandare@yahoo.com
Shilpa Naik	Assistant Physiotherapist		9224103120	drshilpapn@rediffmail.com
Sarika Pajai	Assistant Physiotherapist		9870556281	Drsaripajai@gmail.com
Poonam Patil	Assistant Physiotherapist		9967964728	poonamp33@gmail.com
Shardul Ganvir	Junior Physiotherapist		9869921085	
Jolly Joyees	Junior Physiotherapist		9819538873	Jollythomas24@yahoo.co.in
Shabana Kazi	Junior Physiotherapist		9892878640	shabana_kazi2000@yahoo.com
Esther Katarnawre	Junior Physiotherapist		9420469987	estherk44@gmail.com
Apeksha Ingle	Junior Physiotherapist		9619722090	apeksha.pat@gmail.com
Plastic Surgery				
Vinita Puri	Professor & Head	7040	9323256911	vp@kem.edu
Kapil Agrawal	Associate Professor	7278	9322242463	drkapilps@rediffmail.com
Bharat Patel	Associate Professor	7276	9321114833	drbharatmch@yahoo.com
Preventive and Social Medicine				
RR Shinde	Professor & Head	7074	9820097514	expertratnesh@yahoo.com
Seema S Bansode Gokhe	Professor	7144	9821755690	seema.sbg@gmail.com
Sunita S Shanbhag	Professor	7080	9820480059	sunita_shanbhag@yahoo.com
Kamaxi P Bhate	Assoc. Professor	7484	9821033222	peckem@rediffmail.com
RS Kembhavi	Assoc. Professor	7484	9869107798	ravindrakembhavi@yahoo.co.in
Rujuta Hadaye	Assoc. Professor	7484	9869352260	rujutahadaye@gmail.com
Yuvraj B Chavan	Assoc. Professor	7484	9869178407	yuvarajbc@yahoo.co.in
Srikala M Acharya	Assoc. Professor	7484	9324088975	shrakalag@rediffmail.com
Mridula J Solanki	Assoc. Professor	7484	9820203396	drsolkanki05@yahoo.co.in
Sanjay G Panchal	Astt. Professor	7484	9869452774	drsangpan@yahoo.co.in
Swati R Deshpande	Astt. Professor	7484	9322753269	drswatideshpande@rediffmail.com
Dilip D Kadam	Astt. Professor	7484	9869228406	dilipkadam@yahoo.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Sophia Fernandes	Astt. Professor	7484	9820605454	drsdfernandes@rediffmail.com
Sujata Lavangare	Astt. Professor	7484	9820137807	drsujata@rediffmail.com
Milind Rasal	Astt. Professor	7484	9320381931	drmilinds@gmail.com
Pavan Sable	Astt. Professor	7484	9930592082	pavhappy@yahoo.com
Aftab Siddiqui	Astt. Professor	7484	9821631607	draftabsiddiqui@indiatimes.com
Pratap Jadhav	Astt. Professor	7484	9323817993	pratapjadhav1979@gmail.com
Vijay Jawlekar	MSW	7484	9869329823	vijayjawlekar@yahoo.com
Tara Kedare	MSW	7484	9930140428	kedaretara@gmail.com
Suman Bhandekar	MSW	7484	9920785998	
Vidula Patil	MSW	7484	9969018733	vidula_dinesh@yahoo.com
Ravindra Dabhade	MSW	7484	8983673012	ravindradabhade@ymail.com
Psychiatry				
S.R. Parkar	Academic Dean	7492	9819282175	pshubhangi@gmail.com
A.S. Nayak	Professor	7492	9870314844	ajitanayak@rediffmail.com
N.S. Sawant	Professor	7492	24187715	drneenas@yahoo.com
Kranti Kadam	Associate Professor	7492	---	--
J.S. Kedare	Associate Professor	7492	---	jkedare@rediffmail.com
S.H. Borade	Assistant Professor	7492	---	--
Heena Merchant	Assistant Professor	7492	---	--
S. A. Adarkar	Assistant Professor	7492	28579371	shilpa_adarkar@india.com
Radiology				
Hemant Deshmukh	Professor & Head	7301	24107301	deshikem@gmail.com
P.V. Badhe	Associate Professor	7531	24107531	padmabadhe@kem.edu
Uday Limaye	Associate Professor	7539/7543	24103906	udaylimaye@kem.edu
Hemangini Thakkar	Associate Professor	7542	24107542	hemanginithakkar@kem.edu
Priya Hira	Associate Professor	7530	24107530	priyahira@kem.edu
Buz Morris	Associate Professor	7530	24107530	burzinmorris@gmail.com
Krantikumar Rathod	Associate Professor	7543/7301	24107301	krantikumarathod@kem.edu
Sunita Kale	Associate Professor	7542	24107542	sunitakale@kem.edu
Abhijit Raut	Assistant Professor	7530	24107530	abhijitraut@kem.edu
Shilpa Sankhe	Assistant Professor	7523	24107523	drshilpas@hotmail.com
R.R. Sahastrabuddhe	Junior Steno	7530	24107530	parajyo@yahoo.co.in
Surgery				
A.K. Gvalani	Professor & HOD	7057	9821034048	--
Rajeev Satoskar	Professor	7621	9869409400	rajeevsatoskar@rediffmail.com
Varsha Kulkarni	Professor	7076	9869332447	dr.varsha@yahoo.com
Shilpa Rao	Professor	7619	9821114002	ateeshilpa@yahoo.com
Aparna Deshpande	Professor		9820231568	draparnadeshpande@yahoo.com
Abhay Dalvi	Associate Professor	7615	9821018751	abhaydalvi@hotmail.com
Jignesh Gandhi	Associate Professor		9869343352	jigneshdoc@hotmail.com
Sameer Rege	Associate Professor	7620	9869178040	samrege@yahoo.com
Samir Deolekar	Associate Professor	7620	9820222313	samirdeolekar@yahoo.com
Pramod Kamble	Lecturer	7602	9322754987	drpramodk@yahoo.com
Mahadev Garle	Lecturer	7602	9869356892	mgarale@yahoo.com

Department & Name	Designation	Intercom	Mobile / Direct Line	e-mail
Ajay Mate	Lecturer	7620	9730521632	ajaymate1981@yahoo.com
Jayvant Jadhav	Research Assistant	7497	9221051784	
Yogesh Parkar	Clerk cum Typist	7497		
Transfusion Medicine				
Jayashree Sharma	Professor & Head	7016	24135189	jayashreesharma@kem.edu
Charusmita Modi	Associate Professor	7016	24135189	charusmitamodi@kem.edu
Swarupa Bhagwat	Assistant Professor	7016	24135189	swarupabhagwat@kem.edu
Urology				
Sujata Patwardhan	Professor & Head	7033	9819075202	sujata.patwardhan@rediffmail.com
Sanjaya Swain	Associate Professor	7495	9820836003	sanjayswain@rediffmail.com
Attar Mohd Ismail	Assistant Professor	7495	9322689571	attarmohammad@rediffmail.com



Seth Gordhandas Sunderdas Rangoli on Foundation Day
(2012)



Dr. Sanjay Oak Felicitation (2012)



Nursing Staff



Breast Services



College Lawns
(Credit Dr. Anvita Puranik)



Sketch of KEM Buildings
(Credit Shri Uttam Chapte)



New Hostel Building