



MAHATMA GANDHI MISSION

MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)



ANNUAL REPORT

2017 - 2018



MAHATMA GANDHI MISSION

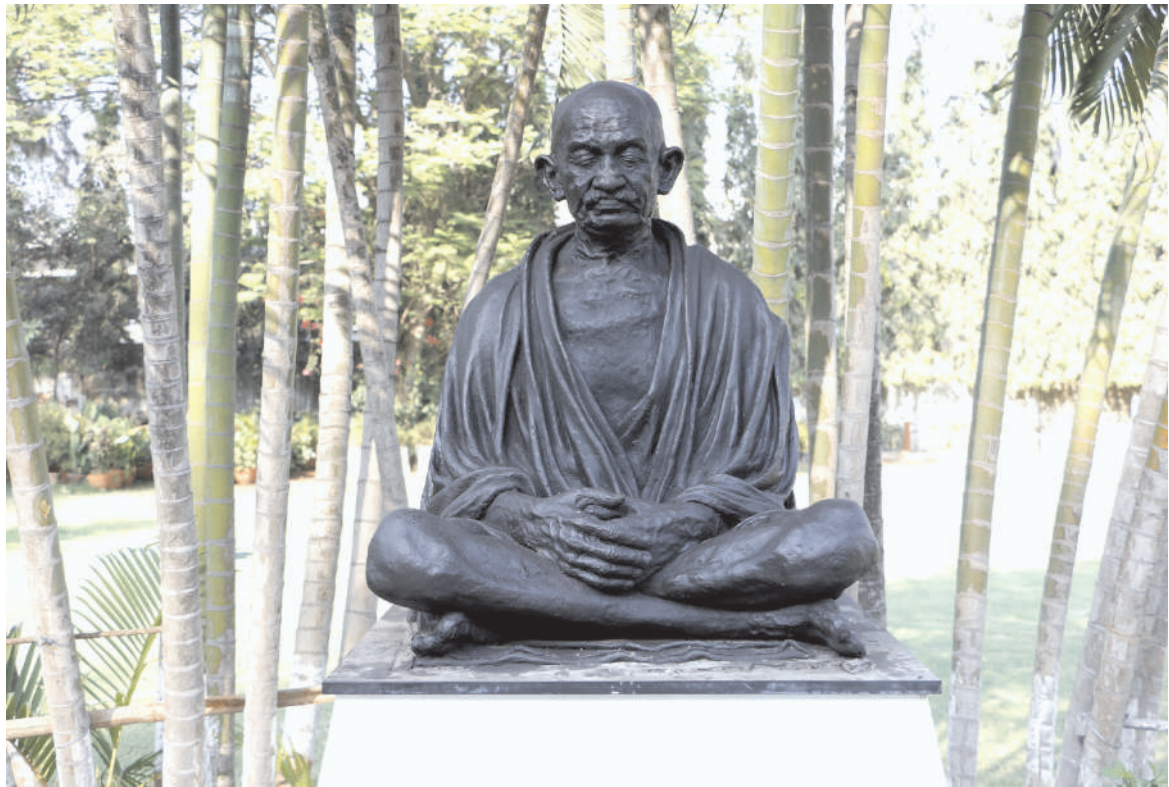
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INSPIRING MINDS



'To wipe every tear from every eye.'

Mahatma Gandhi

VISION

MGM Institute of Health Sciences aims to be a top ranking centre of Excellence in Health Science Education, Health Care and Health Research.

MISSION

Students graduating from the Institute will have the required skills to deliver the quality health care to all the sections of the society with compassion and benevolence, without prejudice or discrimination at an affordable cost.

As a Research Centre, it shall focus on finding better, safer and affordable ways of diagnosing, treating and preventing diseases. In doing so, it will maintain highest ethical standard.

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| | d) MGM School of Physiotherapy, Aurangabad | |
| | e) MGM New Bombay College of Nursing, Navi Mumbai | |
| | f) MGM School of Biomedical Sciences, Navi Mumbai | |
| | g) MGM School of Biomedical Sciences, Aurangabad | |
| | h) University Department of Prosthetics and Orthotics, Navi Mumbai | |

ADVISORY COMMITTEE



Dr Sudhirchandra N Kadam
Vice Chancellor
(04/06/2012-30/04/2018)
MGMIHS



Dr Shashank D Dalvi
Vice Chancellor
(From 01/05/2018)
MGMIHS, Navi Mumbai



Dr P. M. Jadhav
Vice Chairman,
MGM Trust



Dr Nitin N Kadam
Professor, Department of Pediatrics
MGM Medical College



Dr Ajit G Shroff
Medical Director
MGM Medical College and Hospital
Aurangabad



Dr Gurunath S Narshetty, Dean
MGM Medical College and Hospital
Navi Mumbai



Dr R B Bohra
Dean, Professor
MGM Medical College,
Aurangabad



Dr Pravin Suryavanshi
Professor and Head
Department of Surgery
MGM Medical College, Aurangabad

EDITORIAL BOARD



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MGMIHS, Navi Mumbai



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Dy. Registrar
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MGMIHS, Aurangabad



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MGMIHS, Navi Mumbai



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Technical Director
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MGM Medical College and Hospital,
Navi Mumbai



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MGM School of Biomedical Sciences
Navi Mumbai



Dr Prabha Dasila
Director
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Nursing, Navi Mumbai



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Navi Mumbai



Dr Ravindra S Inamdar
Professor and Head
Department of Physiology
MGM Medical College,
Navi Mumbai



Dr Swagatika Mishra
I/C Principal, MGMIHS
University Department of P & O,
Navi Mumbai



Dr Nimain C Mohanty
Department of Paediatrics
MGM Medical College,
Navi Mumbai



Dr. Jaishree Ghanekar,
*Professor and Head,
 Department of General Medicine
 MGM Medical College,
 Navi Mumbai*



Dr Ipseeta Ray
*Professor
 Department of Pharmacology,
 MGM Medical College, Navi Mumbai*



Dr Veena Hatolkar
*I/C Director,
 MGM School of Biomedical Sciences,
 Aurangabad*



Dr Sucheta Golhar,
*Director,
 MGM School of Physiotherapy,
 Aurangabad*

Contributions

Dr Ram P Dixit Director Library, MGMIHS Navi Mumbai

Dr. Sameer Pachpute, Associate Professor, Department of Microbiology, MGM Medical College, Navi Mumbai

Dr. Manisha Tambekar, Associate Professor, Department of Pathology, MGM Medical College, Navi Mumbai

Dr. Parineeta Samant, Associate Professor and Head, Department of Biochemistry, MGM Medical College, Navi Mumbai

Dr. Kavita More, Associate Professor, Department of Biochemistry, MGM Medical College, Navi Mumbai

Dr. Prasad Waigaonkar, Professor and Head, Department of PSM, MGM Medical College, Navi Mumbai

Dr. Padma Ramesh, Associate Professor, Department of E.N.T., MGM Medical College, Navi Mumbai

Editorial Assistants

Mr. Mukesh Deore, Section Officer, MGMIHS, Navi Mumbai

Ms. Trupti Pandya, MIS Coordinator, MGMIHS, Navi Mumbai

Mr. Vijay Jadhav, Computer Operator (Admin), MGMIHS, Navi Mumbai

Ms. Unati Pagade, Computer Operator (Research), MGMIHS, Navi Mumbai

Message from Shri kamalkishor N. Kadam, Hon'ble Chairman, MGM Trust



Mahatma Gandhi Mission (MGM) Trust has been established in 1982 at Nanded (Maharashtra), which has its institutions at Nanded, Aurangabad, Navi Mumbai and Parbhani in Maharashtra State and at Noida in Uttar Pradesh (Delhi NCR). The aims and objectives of the trust are to contribute towards fulfillment of the task initiated by Mahatma Gandhi and based on its principle that, "Literacy Education is of no value if it is not able to build up sound character".

MGM is a charitable trust, registered under the Society's Registration Act and Bombay Public Trusts Act. MGM has long been a leader and innovator in professional education. Since inception, it has developed into an excellent academic society that is totally committed to human resource development and social welfare through 50 different institutes spread over 5 different cities.

MGMIHS founded in 2006 with the aim to provide healthcare facilities to the neediest population as well as educating the younger generations to be independent and consistent and impart services for the society is the way by which MGMIHS has bloomed to be today.

It's a great privilege to see the institution stand at par in every domain of health sector community services as well as in the educational front. Thousands of students passed out each year prove to be an individual that can provide services such as for the betterment of the society, is the ultimate goal MGMIHS always strives for. The organization has highly dedicated staffs and teachers who have always been the best in the field and try to get the best out of every student. It's due to their constant dedicated support that the organizations tends to stand as a shining star among the other competitors.

The annual report summarizes on our various achievements as well as our stand in the field of service and education. It's a jest of all the hard work rendered by our staffs employees students towards raising the organizations to stand out among every other organizations

Shri Kamalkishor N. Kadam
Hon'ble Chairman, MGM Trust

**Message from Dr. P.M. Jadhav,
Hon'ble Vice Chairman, MGM Trust**



MGM Trust has achieved unprecedented growth and carved for itself a niche in the society for quality education and discipline in the institute. The trust provides a wealth of learning experience through the eminent faculty and well equipped laboratories. MGMIHS Founded in 2006 believes in imparting the best education which is evident through the students' achievements, as they are employed in the best of the organizations all over the world. Each year is span of moments divided into weeks and months for all to plan, implement, re - plan for the spinning of yarns of life. Educating a child begins at home continuing its way through school into workplace and wider world. Education cannot be measured or accomplished in a single day, single test or a single year .it's a lifelong journey that builds on success that leans on the foundations for learning. It's the overall contribution of every person, which aids in the building of the educational system thus an educational institute like MGM falls right into the category every parent dreams to put their ward into.

Over the last academic year, as prevailed in the previous years we have excelled not in the academic aspect but also in the extracurricular stage. Our students have participated in the various competitions held outside and have proven to be remarkably outstanding. New courses started and our pupils have even excelled in the field. our students pursuing masters of hospital administration have undertaken internships outside the organization with the government as well as the corporate sectors proving their skills and the concepts in the various projects handed over to them thereby spreading our impact of quality and value added educational system.

It's indeed a deep and immense pleasure to see our students excel and new improvements being incorporated for excelling the sector thereby proving to be the best of the best. The present annual report is a compilation of our efforts and outcomes during 2017-18 in the field of Education, research and Social Commitments.

Dr. P.M. Jadhav
Hon'ble Vice Chairman-MGM Trust

Message from Dr. K. G. Narayankhedkar Hon'ble Chancellor, MGM Institute of Health Sciences



“Education is a human right with immense power to transform. On its foundation rests the corner stone of freedom, democracy and sustainable human development.” This statement of Kofi Annan, former Secretary-General of the United Nations is a clarion call for every country to place education amongst the foremost national priorities along with health care.

Our country, India, has been pursuing the vision of establishing world class institutions, higher education programmes, multi-skill development centres and schools to provide technology integrated quality education in both urban and rural areas. The private sector has played a key role in higher education in other countries across the world. Many top universities including Harvard, Yale and Stanford are the result of efforts of the private sector. Similarly, the MGM Trust has been contributing towards this national mission and providing opportunity to our youths to pursue their academic goals.

We, at MGMIHS, are committed to pursue excellence in education, research, clinical services and community outreach programmes. While we are proud of our achievements and recognitions, we have to continuously remind ourselves of our tryst with excellence.

This Annual Report summarizes achievements and also reminds us what need to be done. It has been rewarding for me to witness how MGMIHS and its constituent Colleges and University Departments have been achieving greater heights and striving for excellence. I appreciate the efforts of students, staff and the entire faculty towards the goal of making MGM Institute of Health sciences a World-Class University.

I, along with the trustees of MGM Trust, am very proud of the achievements highlighted in this report. We invite you to spend time in going through this Annual Report.

Dr. K. G. Narayankhedkar
Hon'ble Chancellor
MGMIHS

Vice Chancellor's Message

(04/06/2012 - 30/04/2018)



Education means helping students to learn how to do things and encouraging them to think about what they learn. It is also important for educators to teach ways to find and use information. Through education, the knowledge of society, country, and of the world is passed on from generation to generation. In democracies, through education, children and adults are supposed to learn how to be active and effective citizens. More specific, education helps and guide individuals to transform from one class to other. Empowered individuals, societies, countries by education are taking an edge over individuals stand on the bottom pyramid of growth; these are highly witnessed in the students of MGMIHS.

The vision of being the top ranked centre of excellence in medical education and research is not far away steps to finally reach there has been implemented through our incubation cell .The values fairness honesty sincerity and professionalism has been embedded in every individual of MGMIHS and its these values that portrays through our service to the society making us one of the best organizations.

Introduction of various new aspects in Academic Research and Patient care has been unique initiative during academic year 2017-18. Students and staff are widely getting advanced but initiatives like SPSS trainings, life-support trainings in collaboration with the American heart association's (ALS BLS) donation and plantations programme, advanced automated mannequins for hands on experience etc.

With the top class facilities highly renowned experienced teachers and the scope of exposure towards the need of their required skill shall render individuals that shall be renowned and highly successful in the near future. Thus it's rightly said by GREG REID

“A dream written down with a date becomes a goal.

A goal broken down into steps becomes a plan.

A plan backed by action makes your dream come true.”

Dr. Sudhirchandra N. Kadam

*Vice Chancellor
MGMIHS*

Vice Chancellor's Message

(From 01/05/2018)



Since 2006 when the status of Deemed to be University was concurred to MGM Institute of Health Sciences (MGMIHS), the College has developed to turn into a lead, examine driven wellbeing Sciences College in the nation. The University is today known for the greatness of its instructing; inquire about, understanding consideration what's more, network outreach programs serving individuals from different strata of existence with an attention on rustic networks.

The University has in excess of 4,000 understudies seeking after their scholastic dreams in therapeutic, nursing, physiotherapy and biomedical sciences. Every one of the courses, counting the super-forte courses, is endorsed by the separate Council or the statutory body. More than 300 PhD scholars completed researchers on themes of national needs. The examination programs run over all wellbeing sciences controls and coordinated efforts with driving exploration foundations both inside and outside the nation. Research tries to create noninvasive, practical purpose of-care tests for conclusion of pneumonic tuberculosis; utilization of nanotechnologies for improvement of diagnostics; setting up of Center for Human Movement Science, mutually with International Society for Biomechanics what's more, Bioengineering, for research on development related issues; and word related perils, security issues and contamination control among medical caretakers are exceedingly estimable.

The UNESCO Chair in Bioethics Haifa set up with an essential mean to characterize and advance moral practices in every single scholarly movement, including instructing, assessment, observing, inquire about and clinical consideration is significant. We guarantee that people who look for circumstances in any of the courses, therapeutic, paramedical, biomedical, nursing or physiotherapy are furnished with condition of the-craftsmanship wellbeing callings instruction, research and social insurance preparing, in any case of their experience.

I praise this report to you and I salute the whole personnel and staff of MGMIHS and its constituent universities and organizations for their associated endeavors and on the sum total of what that has been accomplished amid the year, and in the course of recent years.

Dr. Shashank D Dalvi
Hon'ble Vice Chancellor
 MGMIHS

Registrar's Message



MGMIHS is conferring learning similar with the arrangements of UGC for advancement of instructing and research at all dimensions of training. We have rebuilt the current prospectuses, and presentation of new courses and additionally establishment courses on the whole parts of wellbeing science and paramedical courses. This was for understudies of all resources at the undergrad, graduate and postgraduate dimensions for both proficient and non-proficient instruction. We would keep on fortifying this program and lay significant accentuation on esteem instruction by featuring the need to make training a powerful device for development of social and good qualities.

In our socially plural society, instruction should factor all inclusive and endless qualities arranged towards the solidarity and combination of our kin. In the guide of the objectives and targets and vision set for accomplishment continuously 2020, MGM Institute will rank as a top-positioning Center of Excellence in Medical Instruction and Research. Understudies moving on from MGM Institute will have all the expected abilities to convey quality human services to all segments of the general public with

Empathy and consideration, without partiality or segregation and at a moderate expense.

MGM Institute, as a Research Center, will concentrate on discovering better, more secure and moderate methods for diagnosing, treating and anticipating ailment and keeping in mind that doing as such keeping up the most elevated moral benchmarks. MGM Institute has a chief 'Super Brand' esteem in the instructive circuit and with the love of its understudies – over a wide span of time who compete for looking for confirmation in our renowned University; we will profit by our image name and picture, by being the best in the restorative brotherhood subsequent to going out from MGMIHS.

Dr. Rajesh B. Goel

Registrar
MGMIHS

Mahatma Gandhi Mission Trust

Mahatma Gandhi Mission, a Charitable Trust was established on 20th December, 1982, with a vision to provide excellence in professional education, affordable health services, to promote research and innovation. Mahatma Gandhi Mission which started with a motto of "Wipe the Tears from every eye" made humble beginning by providing health services in rural areas of Nanded district, Maharashtra. Since then, it has expanded health services to Nanded, Aurangabad and Navi Mumbai from Primary Health Care to excellent Superspeciality Hospitals at affordable cost to the community, especially below poverty line of urban as well as rural area.

Trust has started educational activities from Pre Primary education to Post Graduation in Engineering, Management, Architecture, Computer Sciences, Information Technology, Biotechnology, Bioinformatics and Health Sciences, Medicine, Nursing, Physiotherapy at Nanded, Aurangabad, Navi Mumbai and Noida, UP. To give all round development to children, trust has developed environmental friendly campuses, sports grounds and facilities, Mahagami Traditional dance art "Kathak", "Pakhavaz" music institute of Guru Shiya Parampara at Aurangabad. Trust has also started "MGM Khadi" production of cotton thread to cloth and derive of plantation to protect environment and to ensure dignity of Labour amongst students.

Mahatma Gandhi Mission is managed by highly qualified Professionals, Engineers and Doctors. Trust Chairman is Shri Kamalkishor Kadam, M.Tech, IIT Mumbai. Remaining Trustees are Mr. A.N.Kadam, BE, Dr. P.M.Jadhav, FRCS (UK), Dr. S.N.Kadam, FRCPE, Prataprao Borade, M.Tech, Dr. Nitin Kadam, MD, Ujwal Kadam, BE. As on today Trust runs 75 institutes providing educations to 20,000 students with a pool of 1000 faculty members.

The two MGM Medical Colleges, at Navi Mumbai and Aurangabad, under the umbrella of MGM Trust were established during 1989 and 1990, respectively. It was during 2006 that the Department of Higher Education, Ministry of Human Resource Development, Government of India had conferred the status of Deemed to be University (under section 3 of UGC Act 1956) to MGM Institute of Health Sciences MGMIHS with the two constituent medical colleges (UGC Letter No. F-9-21/2005-U.3 (A, dated 30th August 2006). Thousands of medical doctors and paramedical staff from these prestigious institutions are providing finest healthcare services to millions of people, both in India and abroad.

In the subsequent years, during 2007-09, the University with the permission of the Academic Council and Board of Management of MGMIHS started Department of Physiotherapy, Department of Nursing, and Department of Biomedical Sciences. It may be mentioned that these University Departments and the courses offered under each of these Departments were covered and intimately connected with the broad scope and mandate of the University at the UGC approved campuses, Navi Mumbai and Aurangabad

It may be mentioned that UGC Expert Committee in 2009 had inspected MGMIHS and its constituent units/institutions at both Navi Mumbai and Aurangabad campuses namely; medical, nursing, physiotherapy and biomedical sciences, and strongly recommended for the status of Deemed to be University for MGM University of Health Sciences, Navi Mumbai."

MGM Institute of Health Sciences

MGMIHS, today is an innovation-driven premier health science university in India. The University strives to serve all through exemplary health care, education, research and community services. Commitment to excellence is evidenced by Accreditation of University by National Assessment and Accreditation Council (NAAC) with Grade 'A'; accreditation of teaching hospitals and blood bank by National Accreditation Board for Hospital (NABH); and accreditation of diagnostic laboratories by Accreditation Board for Testing and Calibration Laboratories (NABL). These accreditations are a reflection of the highest standards of academic programs, technical competence of medical laboratories following ISO/IEC 17025:2005, ISO 15189:2007 Standards, and hospital standards in consonance with global benchmarks set by International Society for Quality in Healthcare. These standards are also testimony of highest standards of patient safety and quality of care provided by teaching hospitals of MGMIHS.

Today, MGMIHS is a multi-specialty health sciences university where its Medical Colleges, and Department of Biomedical Sciences, Physiotherapy, and Nursing offer a variety of undergraduate, postgraduate, super specialty and PhD degree programmes. **About 61 courses in health sciences are offered by the University, and these courses are finding acceptance by large number of students not only in India but also foreign students. At present, over 130 research scholars are pursuing PhD Degree programmes in various faculties and subjects.**

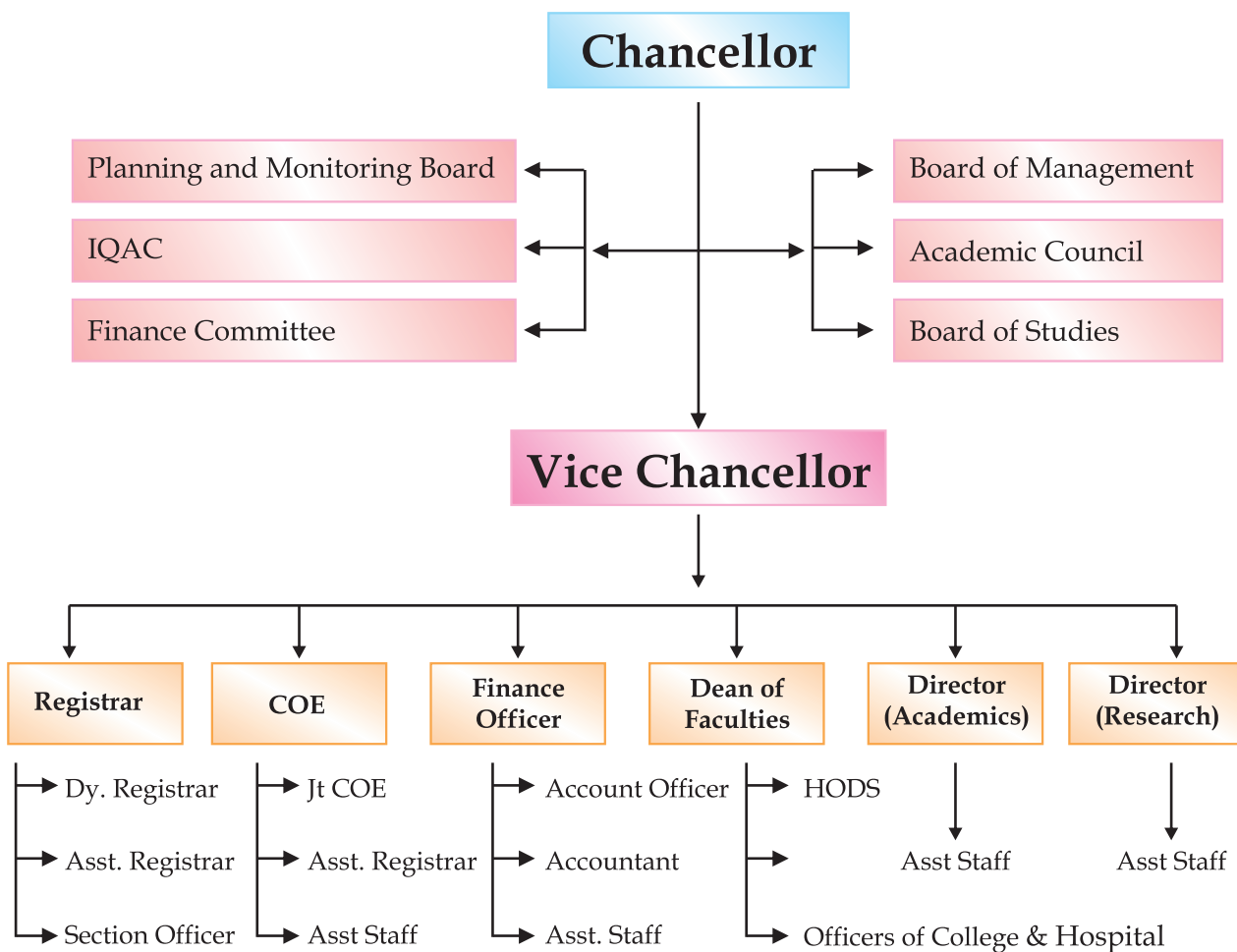
The University has over 4000 students enrolled in different colleges and departments in the two campuses. During the academic year 2016, the University had admitted about 1178 students in various programmes. Appreciably, the number of female students taking admission is more (about 63%) as compared to male students (37%).

The faculty employed at MGMIHS not only meets the guidelines of Medical Council of India and other regulatory bodies, but are in excess so as to provide teaching in smaller groups and to help the slow learners. About 1022 faculty members are employed in Medical Colleges and other departments at both the campuses. They are dedicated to teaching, research, clinical care and community services. Faculty exchange between the two campuses is particularly encouraged to learn from each other's experiences. The colleges are also encouraged to invite experts from other institutions in the country to deliver lectures on specific topics as well as to enhance the technical skills of faculty at MGMIHS.

MGM Medical College and Hospital, Navi Mumbai was adjudged the best medical institute in the western region of India by the Jury for LOKMAT National Education Leadership Award, during 2015. MGM Medical College, Aurangabad is ISO Certified and rated among the top 30 medical college in India in HT Survey 2016. It has also received CCLA award.

The University has during the last eleven years provided an excellent standard of education and training to thousands of students. The accomplishments of the University are a reflection of the vision, commitment, hard work and dedication of the faculty, staff and students of the constituent Medical Colleges and University Departments. Collectively we will continue to endeavor to ensure that the Vision and Mission of the University is accomplished and the University is among the top ranking institutions not only in India but globally.

Organogram of MGMIHS



CONSTITUENT COLLEGES

| | |
|---|--|
| 1 | MGM Medical College, Navi Mumbai |
| 2 | MGM Medical College, Aurangabad |
| 3 | MGM New Bombay College of Nursing, Navi Mumbai |
| 4 | MGM School of Physiotherapy, Navi Mumbai |
| 5 | MGM School of Physiotherapy, Aurangabad |
| 6 | MGM School of Biomedical Sciences, Navi Mumbai |
| 7 | MGM School of Biomedical Sciences, Aurangabad |
| 8 | MGMIHS University Department of Prosthetics and Orthotics, Navi Mumbai |

MGMIHS Authorities

Board of Management

| Sr. No. | Name | Designation |
|---------|--------------------------|---|
| 1. | Dr. S.N. Kadam | Hon'ble Vice Chancellor (Chairperson) |
| 2. | Dr. (Lt. Gen.) S.K. Kaul | Pro Vice Chancellor |
| 3. | Dr. R. B. Bohra | Dean Faculty, MGM Medical College, Aurangabad |
| 4. | Dr. G.S. Narshetty | Dean Faculty, MGM Medical College, Navi Mumbai |
| 5. | Dr. Sabita Ram | Dean, MGM Dental College, Navi Mumbai |
| 6. | Dr. Nivritti G. Patil | Member |
| 7. | Dr. V.N. Bonde | Member |
| 9. | Dr. Shafaat H. Talib | Member |
| 10. | Dr. K.R. Salgotra | Member |
| 11. | Dr. Shilpa Deshmukh | Member |
| 12. | Shri. A.N. Kadam | Member |
| 13. | Dr. P.M. Jadhav | Member |
| 14. | Mr. Ashok Patil | Member |
| 15. | Dr. Ajit Shroff | Member |
| 16. | Dr. N. N. Kadam | Controller of Examinations (Permanent Invitee) |
| 17. | Dr. R.B. Goel | Secretary |

Academic Council

| Sr. No. | Category | Name | Institute |
|---------|--------------------------------------|---------------------------|---|
| 1. | Vice Chancellor - Chairperson | Dr. S.N. Kadam | MGM Institute of Health Sciences, Navi Mumbai |
| 2. | Pro Vice-Chancellor | Dr. (Lt. Gen.)S.K. Kaul | MGM Institute of Health Sciences, Navi Mumbai |
| 3. | Deans of Faculties | Dr. Ajit Shroff (Medical) | MGM Medical College, Aurangabad |

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|----|-----------------------------------|---|--|
| | | Dr. G.S. Narshetty (Allied Health Science) | MGM Medical College, Navi Mumbai |
| | | Dr.(Mrs.) Prabha Dasila (Nursing) | MGM Institute's University Department of Nursing Navi Mumbai |
| 4. | Heads of the Departments, Members | Dr. Gautam A. Shroff (Anatomy) | MGM Medical College, Aurangabad |
| | | Dr. Ravindra S. Inamdar (Physiology) | MGM Medical College, Navi Mumbai |
| | | Dr. Dhananjay V. Bhale (Biochemistry) | MGM Medical College, Aurangabad |
| | | Dr. (Mrs.) Manjushree H. Bhalchandra (Microbiology) | MGM Medical College, Aurangabad |
| | | Dr. (Mrs.) Ujjwala Maheswari (Immuno Haematology & Blood Transfusion) | MGM Medical College, Navi Mumbai |
| | | Dr. Rajiv Choudhari (FMT) | MGM Medical College, Navi Mumbai |
| | | Dr. Seema Anjenaya (Community Medicine) | MGM Medical College, Navi Mumbai |
| | | Dr. Shafaat H. Talib (General Medicine) | MGM Medical College, Aurangabad |
| | | Dr. Vijay Kamale (Paediatrics) | MGM Medical College, Navi Mumbai |
| | | Dr. Ashish S. Deshmukh (TB & Chest) | MGM Medical College, Aurangabad |
| | | Dr. (Mrs.) Hemangi Jerajani (Dermatology) | MGM Medical College, Navi Mumbai |
| | | Dr. Rakesh Ghildiyal (Psychiatry) | MGM Medical College, Navi Mumbai |
| | | Dr. Olvyna D'Souza (Anaesthesia) | MGM Medical College, Navi Mumbai |
| | | Dr. Pravin R. Suryawanshi (General Surgery) | MGM Medical College, Aurangabad |
| | | Dr. Siddharth Dubhashi (General Surgery) | MGM Institute of Health Sciences, Navi Mumbai |
| | | Dr. Sushil Kumar (OBGY) | MGM Medical College, Navi Mumbai |
| | | Dr.(Mrs.) Jyotika P. Mishrikotkar (Ophthalmology) | MGM Medical College, Aurangabad |
| | | Dr. (Mrs.) N. Abidi (Ophthalmology) | MGM Medical College, Navi Mumbai |

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| | | Dr. Rajendra B. Bohra (ENT) | MGM Medical College, Aurangabad |
| | | Dr. D.B. Bhusare (Emergency Medicine) | MGM Medical College, Navi Mumbai |
| | | Dr. T.K. Biswas (Geriatrics) | MGM Medical College, Navi Mumbai |
| | | Dr. Sudhir G. Kulkarni (Nephrology) | MGM Medical College, Aurangabad |
| | | Dr. R. Rathod (Cardiology) | MGM Medical College, Navi Mumbai |
| | | Dr. Avinash D. Yelikar (Plastic Surgery) | MGM Medical College, Aurangabad |
| | | Dr. Rajani Mullerpatan (Physiotherapy) | MGM School of Physiotherapy, Navi Mumbai |
| 5 | Heads of the Departments (Members) | Dr. (Mrs.) Anjali Sabnis (Anatomy) | MGM Medical College, Navi Mumbai |
| | | Dr. Pramod U. Shinde (Physiology) | MGM Medical College, Aurangabad |
| | | Dr. (Mrs.) Ipseeta Ray (Pharmacology) | MGM Medical College, Navi Mumbai |
| | | Dr. Anahita B. Hodiwala (Microbiology) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Jaishree Ghanekar (General Medicine) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Anjali V. Kale (Paediatrics) | MGM Medical College, Aurangabad |
| | | Dr. Kundan Gedam (General Surgery) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Swati S. Shiradkar (OBGY) | MGM Medical College, Aurangabad |
| | | Dr. K.R. Salgotra (Orthopaedics) | MGM Medical College, Navi Mumbai |
| | | Dr. N. N. Kadam (Paediatrics) | MGM Medical College, Navi Mumbai |
| | | Dr. Pramod V. Bhale (Anaesthesia) | MGM Medical College, Aurangabad |
| | | Dr. Seema Gupta (Immuno Haematology & Blood Transfusion) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Anuradha Mhaske (Nursing) | MGM Institute's University Department of Nursing Aurangabad |

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| | | Dr. Sarath Babu (Physiotherapy) | MGM Institute's University Department of Physiotherapy, Aurangabad |
| | | Dr. Raman P.Yadav (Biotechnology) | OMICS, Navi Mumbai |
| 6 | Associate Professors from the Departments (Members) | Dr. Sarika Gadekar (Ophthalmology) | MGM Medical College, Aurangabad |
| | | Dr. Sameer Kadam (CVTS) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Kavita More (Biochemistry) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Mansee Thakur (Biotechnology) | MGM Institute's University Department of Biomedical Sciences, Navi Mumbai |
| | | Dr. Madhuri B. Engade (Paediatrics) | MGM Medical College, Aurangabad |
| | | Dr. Piyush Singhanian (Urology) | MGM Medical College, Navi Mumbai |
| | | Dr. (Mrs.) Swati M. Mahajan (Community Medicine) | MGM Medical College, Aurangabad |
| | | | |
| 7 | Assistant Professors from the Department (Members) | Dr. Rajesh Kadam (Pharmacology) | MGM Medical College, Aurangabad |
| | | Dr. Samir Pachpute (Microbiology) | MGM Medical College, Navi Mumbai |
| 8 | Members | Dr. Shankar Sambhajirao Dhapate (Prof. & HOD Anatomy) | External invitee S.R.T.R. Govt. Medical College, Ambajogai Dist Beed |
| | | Dr. Girish K. Maindarkar | External invitee President College of Physicians & Surgeons of Mumbai |
| | | Dr. Chander P. Puri | External invitee CEO, Yashraj Biotechnology LTD, Navi Mumbai |
| 9 | Members | Dr. P. M. Jadhav | MGM Institute of Health Sciences, Navi Mumbai |
| | | Dr. Mukesh Sharma | Prof & HOD Surgery (Retd.) SMS Medical College, Jaipur |

| | | | |
|----|---------------------------|------------------------|--|
| | | Dr. Bhanuprakash Dubey | Ex-Dean, Gandhi Medical College Bhopal |
| | | Dr. N.C. Mohanty | MGM Institute of Health Sciences, Navi Mumbai |
| 10 | Registrar, (Secretary) | Dr. R.B. Goel | MGM Institute of Health Sciences, Navi Mumbai |

Faculty of Medicine

| Sr. No. | Category | Name | Institute |
|---------|--|-----------------------------|---|
| 1. | Chairperson Dean Faculty (Medical) | Dr. A.G. Shroff | MGM Medical College, Aurangabad |
| 2. | Member Dean Faculty (Allied Health Science) | Dr. G.S. Narshetty | MGM Institute of Health Sciences, Navi Mumbai |
| 3. | Member Dean, MGM Medical College, A'bad | Dr. R. B. Bohra | MGM Medical College, Aurangabad |
| 4. | Member Chairperson BOS - Preclinical | Dr. Ravindra S. Inamdar | MGM Institute of Health Sciences, Navi Mumbai |
| 5. | Member Chairperson BOS - Paraclinical | Dr. (Mrs.) Ipseeta Ray | MGM Institute of Health Sciences, Navi Mumbai |
| 6. | Member Chairperson BOS - Medicine & Allied | Dr. Shafaat H. Talib | MGM Medical College, Aurangabad |
| 7. | Member Chairperson BOS - Surgery and Allied | Dr. Sushil Kumar | MGM Institute of Health Sciences, Navi Mumbai |
| 8. | Member Chairperson BOS - Superspecialty | Dr. Sudhir G. Kulkarni | MGM Medical College, Aurangabad |
| 9. | Member Chairperson BOS - Biomedical Sciences | Dr. (Mrs.) Mansee Thakur | MGM School of Biomedical Sciences, Navi Mumbai |
| 10. | Member Chairperson BOS - Physiotherapy | Dr. Rajani Mullerpatan | MGM School of Physiotherapy, Navi Mumbai |
| 11. | Member Chairperson BOS - Nursing | Dr.(Mrs.) Prabha Dasila | MGM New Bombay College of Nursing, Navi Mumbai |

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| 12. | Member Co-Chairperson BOS - Preclinical | Dr. Gautam A. Shroff | MGM Medical College, Aurangabad |
| 13. | Member Co-Chairperson BOS - Paraclinical | Dr. (Mrs.) Manjushree H. Bhalchandra | MGM Medical College, Aurangabad |
| 14. | Member Co-Chairperson BOS - Medicine & Allied | Dr. (Mrs.) Jaishree Ghanekar | MGM Institute of Health Sciences, Navi Mumbai |
| 15. | Member Co-Chairperson BOS - Surgery and Allied | Dr. (Mrs.) Swati S. Shiradkar | MGM Medical College, Aurangabad |
| 16. | Member Co-Chairperson BOS - Superspecialty | Dr. Jayant Karbhase | MGM Institute of Health Sciences, Navi Mumbai |
| 17. | Member Co-Chairperson BOS - Biomedical Sciences | Dr. Veena Hatolkar | MGM Medical College, Aurangabad |
| 18. | Member Co-Chairperson BOS - Physiotherapy | Dr. Sarath Babu | MGM School of Physiotherapy, Aurangabad |
| 19. | Member Co-Chairperson BOS - Nursing | Dr. (Mrs.) Anuradha Mhaske MGM Medical College, Aurangabad | MGM School of Nursing, Aurangabad |
| 20. | Member | Dr. Pravin Rajendra Suryawanshi | MGM Medical College, Aurangabad |
| 21. | Eminent Academician | Dr. P.M. Jadhav | MGM Medical College, Aurangabad |
| 22. | Controllor of Examinations | Dr. N. N. Kadam | MGM Institute of Health Sciences, Navi Mumbai |
| 23. | Director (Academic) | Dr. Siddharth Dubhashi | MGM Institute of Health Sciences, Navi Mumbai |
| 24. | Deputy Registrar | Dr. Rajesh Kadam | MGM Medical College, Aurangabad |
| 25 | Secretary Registrar | Dr. R.B. Goel | MGM Institute of Health Sciences, Navi Mumbai |

Board of Studies - Pre Clinical (I MBBS)

| Sr. No. | Name | Department | Designation | Institute |
|---------|--|------------|-------------|---------------------|
| 1. | Dr. Ravindra S. Inamdar (Chairperson) | Physiology | Prof. & HOD | MGM MC, Navi Mumbai |

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| 2. | Dr. Gautam A. Shroff (Co-Chairperson) | Anatomy | Prof. & HOD | MGM MC, Aurangabad |
| 3. | Dr. (Mrs.) Anjali Sabnis | Anatomy | Prof. & HOD | MGM MC, Navi Mumbai |
| 4. | Dr. Pramod U. Shinde | Physiology | Prof. & HOD | MGM MC, Aurangabad |
| 5. | Dr. Subiman Saha | Biochemistry | Prof. & HOD | MGM MC, Navi Mumbai |
| 6. | Dr. Dhananjay V. Bhale | Biochemistry | Prof. & HOD | MGM MC, Aurangabad |
| 7. | Dr. S.R. Phatale | Physiology | Professor | MGM MC, Aurangabad |
| 8. | Dr. Rita M. Khadkikar | Physiology | Associate Professor | MGM MC, Navi Mumbai |
| 9. | Dr. (Mrs.) Bhavana Junagade | Anatomy | Assistant Professor | MGM MC, Navi Mumbai |
| 10. | Dr. Vaishali S. (Dhoot) Mandhana | Anatomy | Asso. Professor | MGM MC, Aurangabad |
| 11. | Dr. (Mrs.) Kavita More | Biochemistry | Assistant Professor | MGM MC Navi Mumbai |
| 12. | Dr. Deepali M. Vaishnav | Biochemistry | Associate Professor | MGM MC Aurangabad |
| 13. | Dr. Dhanaji Jadhav | Anatomy | Associate Professor External invitee | MIMER Medical College, Talegao Dabhade |
| 14. | Dr. Vivek Nalgirkar | Physiology | Prof. & Head, External invitee | D.Y. Patil Medical College, Navi Mumbai |
| 15. | Dr. Pratap E. Jagtap | Biochemistry | Prof. & Head, Deputy Dean External invitee | Bharti Vidyapeeth, Medical College, Sangli |
| 16. | Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| 17. | Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

Board of Studies - Para Clinical (II MBBS)

| Sr. No. | Name | Department | Designation | Institute |
|---------|--|--|---------------------|---------------------|
| 1. | Dr. (Mrs.) Ipseeta Ray (Chairperson) | Pharmacology | Professor | MGM MC, Navi Mumbai |
| 2. | Dr. (Mrs.) Manjushree H. Bhalchandra (Co-Chairperson) | Microbiology | Prof. & HOD | MGM MC, Aurangabad |
| 3. | Dr. A.D. Urhekar | Microbiology | Prof. & HOD | MGM MC, Navi Mumbai |
| 4. | Dr. Deepak S. Bhosale | Pharmacology | Prof. & HOD | MGM MC, Aurangabad |
| 5. | Dr. (Mrs.) Rita Dhar | Pathology | Professor | MGM MC, Navi Mumbai |
| 6. | Dr. Rajiv Choudhari | F. M. T | Prof. & HOD | MGM MC, Navi Mumbai |
| 7. | Dr. Navinkumar M. Varma | F. M. T | Associate Professor | MGM MC, Aurangabad |
| 8. | Dr. (Mrs.) Anahita Hodiwala | Microbiology | Professor | MGM MC, Navi Mumbai |
| 9. | Dr. Samir Pachpute | Microbiology | Assistant Professor | MGM MC, Navi Mumbai |
| 10. | Ms. Jyotsna Mishra | Microbiology | Assistant Professor | MGM MC, Aurangabad |
| 11. | Dr. (Mrs.) Savita Shahani | Pharmacology | Prof. & HOD | MGM MC, Navi Mumbai |
| 12. | Dr. Prashant S. Chaudhari | Pharmacology | Assistant Professor | MGM MC, Aurangabad |
| 13. | Dr. Ujjwala Maheswari | Immuno Haematology & Blood Transfusion | Prof. & HOD | MGM MC, Navi Mumbai |
| 14. | Dr. Manisha Tambekar | Pathology | Associate Professor | MGM MC, Navi Mumbai |
| 15. | Dr. Hoogar M.B | Pathology | Associate Professor | MGM MC, Navi Mumbai |
| 16. | Dr.Chandrashekhar P. Bhale | Pathology | Professor | MGM MC, Aurangabad |

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|-----|-------------------------------|--------------------|--|---------------------|
| 17. | Dr.Mrs. Pingle Suparna Sharad | Pathology | Associate Professor | MGM MC, Aurangabad |
| 18. | Dr. Ajay Shendarkar | F. M. T. | Associate Professor | MGM MC, Navi Mumbai |
| 19. | Dr. Mahesh P. Jambure | F.M. T. | Assistant Professor | |
| 20. | Dr. Jayanti Shastri | Microbiology | Prof. & Head, External invitee (Permanent Member) | |
| 21. | Dr. Amita Joshi | Pathology | Prof. & Head, External invitee (Permanent Member) | |
| 22. | Dr. Siddharth Dubhashi | Surgery | Director (Academic) | |
| 23. | Dr. R.B. Goel | Community Medicine | Registrar | |

Board of Studies - Medicine and Allied

| Sr. no. | Name | Department | Designation | Institute |
|---------|--|--------------------|---------------------|---------------------|
| 1. | Dr. Shafaat H. Talib (Chairperson) | Medicine | Prof. & HOD | MGM MC, Aurangabad |
| 2. | Dr. (Mrs.) Jaishree Ghanekar (Co-Chairperson) | Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| 3. | Dr. Seema Anjenaya | Community Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| 4. | Dr. (Mrs.) Swati M. Mahajan | Community Medicine | Prof. & HOD | MGM MC, Aurangabad |
| 5. | Dr. Vijay Kamale | Pediatrics | Prof. & HOD | MGM MC, Navi Mumbai |
| 6. | Dr. (Mrs.) Anjali V. Kale | Pediatrics | Prof. & HOD | MGM MC, Aurangabad |
| 7. | Dr. Rakesh Ghildiyal | Psychiatry | Prof. & HOD | MGM MC, Navi Mumbai |
| 8. | Dr. Manik C. Bhise | Psychiatry | Associate Professor | MGM MC, Aurangabad |
| 9. | Dr. (Mrs.) S. Shylaja | Skin & VD | Associate Professor | MGM MC, Navi Mumbai |
| 10. | Dr. Ashish R. Deshmukh | Skin & VD | Prof. & HOD | MGM MC, Aurangabad |

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|-----|---------------------------|--------------------|---------------------------------------|-----------------------------------|
| 11. | Dr. Pradeep Potdar | Chest & TB | Prof. & HOD | MGM MC, Navi Mumbai |
| 12. | Dr. Aashish S. Deshmukh | Chest & TB | Prof. & HOD | MGM MC, Aurangabad |
| 13. | Dr. D.B. Bhusare | Emergency Medicine | Professor | MGM MC, Navi Mumbai |
| 14. | Dr. T.K. Biswas | Geriatrics | Prof. & HOD | MGM MC, Navi Mumbai |
| 15. | Dr. Vijaykumar S. Gulve | Medicine | Associate Professor | MGM MC, Aurangabad |
| 16. | Dr. Prasad Waingankar | Community Medicine | Associate Professor | MGM MC, Navi Mumbai |
| 17. | Dr. (Mrs.) Bageshree Seth | Pediatrics | Professor | MGM MC, Navi Mumbai |
| 18. | Dr. Madhuri B. Engade | Pediatrics | Associate Professor | MGM MC, Aurangabad |
| 19. | Dr. (Mrs.) N. D. Moulick | Medicine | Prof. & Head, External invitee | LTMC, Sion Hospital, Mumbai |
| 20. | Dr. Mohan Doibale | Community Medicine | Prof. & Head, External invitee | Govt. Medical College, Aurangabad |
| 21. | Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| 22. | Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

Board of Studies - Surgery and Allied

| Sr. No. | Name | Department | Designation | Institute |
|---------|---|------------|-----------------------------------|---------------------|
| 1. | Dr. Sushil Kumar (Chairperson) | OBGY | Prof. & HOD | MGM MC, Navi Mumbai |
| 2. | Dr. (Mrs.) Swati S. Shiradkar (Co-Chairperson) | OBGY | Prof. & HOD | MGM MC, Aurangabad |
| 3. | Dr. Siddharth Dubhashi | Surgery | Prof. & HOD & Director (Academic) | MGMIHS |

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|-----|-------------------------------|--------------------|---|------------------------------------|
| 4. | Dr. Pravin R. Suryawanshi | Surgery | Prof. & HOD | MGM MC, Aurangabad |
| 5. | Dr. (Mrs.) Kalpana Rajivkumar | ENT | Prof. & HOD | MGM MC, Navi Mumbai |
| 6. | Dr. Rajendra B. Bohra | ENT | Prof. & HOD | MGM MC, Aurangabad |
| 7. | Dr. Shrikant Deshpande | Ophthalmology | Prof. & HOD | MGM MC, Navi Mumbai |
| 8. | Dr. J. P Mishrikotkar | Ophthalmology | Prof. & HOD | MGM MC, Aurangabad |
| 9. | Dr. Alfven Vieira | Orthopaedics | Prof. & HOD | MGM MC, Navi Mumbai |
| 10. | Dr. Rajendra N. Shewale | Orthopaedics | Prof. & HOD | MGM MC, Aurangabad |
| 11. | Dr. Ramesh G. Malani | Radiology | Prof. & HOD | MGM MC, Aurangabad |
| 12. | Dr. Olvyna D'Souza | Anaesthesia | Prof. & HOD | MGM MC, Navi Mumbai |
| 13. | Dr. Pramod V. Bhale | Anaesthesia | Professor | MGM MC, Aurangabad |
| 14. | Dr. N.L. Vyas | Surgery | Associate Professor | MGM MC, Navi Mumbai |
| 15. | Dr. Nandkishor S. Sude | Surgery | Assistant Professor | MGM MC, Aurangabad |
| 16. | Dr. (Mrs.) Shaifali Patil | OBGY | Associate Professor | MGM MC, Navi Mumbai |
| 17. | Dr. Gauri N. Bapat | OBGY | Associate Professor | MGM MC, Aurangabad |
| 18. | Dr. Rajesh P. Jambure | Dentistry | Prof. & Head | MGM MC, Aurangabad |
| 19. | Dr. G. Sambhi Reddy | Surgery | Prof. & Head External invitee | Osmania Medical College, Hyderabad |
| 20. | Dr. Savita Mehendale | Director | External invitee | Bharti Vidyapeeth, Pune |
| 21. | Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

Board of Studies - Superspeciality

| Sr. No. | Name | Department | Designation | Institute |
|---------|---|-----------------------|---|-----------------------------------|
| 1. | Dr. Sudhir G. Kulkarni (Chairperson) | Nephrology | Prof. & Head | MGM MC, Aurangabad |
| 2. | Dr. Jayant Karbhase (Co-Chairperson) | CVTS | Prof. & Head | MGM MC, Navi Mumbai |
| 3. | Dr. Yogesh P. Belapurkar | CVTS | Associate Professor | MGM MC, Aurangabad |
| 4. | Dr. R. Rathod | Cardiology | Prof. & Head | MGM MC, Navi Mumbai |
| 5. | Dr. Ashish Deshpande | Cardiology | Prof. & Head | MGM MC, Aurangabad |
| 6. | Dr. Nitin Joshi | Urology | Prof. & Head | MGM MC, Navi Mumbai |
| 7. | Dr. Martand G. Patil | Urology | Prof. & Head | MGM MC, Aurangabad |
| 8. | Dr. Avinash D. Yelikar | Plastic Surgery | Prof. & Head | MGM MC, Aurangabad |
| 9. | Dr. Ajay U. Mahajan | Cardiology | Professor External invitee | LTMC, Sion Hospital, Mumbai |
| 10. | Dr. Ajit Sawant | Urology | Prof. & Head, External invitee | LTMC, Sion Hospital, Mumbai |
| 11. | Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| 12. | Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

Board of Studies – Biomedical Sciences

| Sr. No. | Name | Department | Designation | Institute |
|---------|---|-----------------------------------|--|---------------------|
| 1. | Dr. (Mrs.) Mansee Thakur (Chairperson) | MGM School of Biomedical Sciences | Director & Associate Prof. Biotechnology | MGM SBS Navi Mumbai |
| 2. | Dr. Veena Hatolkar (Co-Chairperson) | MGM School of Biomedical Sciences | Director | MGM MC, Aurangabad |
| 3. | Dr. G.A. Shroff | Anatomy | Prof. & HOD | MGM MC, Aurangabad |
| 4. | Dr. Yashoda Kattimani | Physiology | Assistant Professor | MGM MC, Navi Mumbai |
| 5. | Dr. Parineeta Samant | Biochemistry | Prof. & HOD | MGM MC, Navi Mumbai |
| 6. | Dr. Sharvari Samant | Microbiology | Associate Professor | MGM MC, Navi Mumbai |
| 7. | Dr. Shilpi Sahu | Pathology | Prof. & HOD | MGM MC, Navi Mumbai |
| 8. | Dr. Deepika Sathe | Anesthesiology (AT/OT) | Assistant Professor | MGM MC, Navi Mumbai |
| 9. | Dr. Kshitija Gadekar | Nephrology (Dialysis) | Assistant Professor | MGM MC, Aurangabad |
| 10. | Dr. Sameer Kadam | CVTS (Perfusion Technology) | Associate Professor | MGM MC, Navi Mumbai |
| 11. | Dr. Priti Kapoor | Radiology (MIT) | Associate Professor | MGM MC, Navi Mumbai |
| 12. | Dr. Prashant Udgire | Cardiology (CCT) | Associate Professor | MGM MC, Aurangabad |
| 13. | Dr. Yogita Phadke | Ophthalmology (Optometry) | Assistant Professor | MGM MC, Aurangabad |

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| 14. | Dr. Sachin Kale | Pathology (MLT) | Associate Professor | MGM MC, Aurangabad |
| 15. | Dr. (Mrs.) Anjali Sabnis | Genetics & Clinical Embryology | Prof. & HOD | MGM MC, Navi Mumbai |
| 16. | Dr. Raman P. Yadav | OMICS Research Centre | Prof. & HOD | MGM SBS, Navi Mumbai |
| 17. | Dr. Rita Abbi | Biostatistics | Professor | MGM SBS, Navi Mumbai |
| 18. | Dr. Archana Mishra | MHA | Associate Professor | MGM SBS, Navi Mumbai |
| 19. | Dr. Leela Gul Abichandani, | Biochemistry | Professor External invitee | Grant Govt. Medical College, Mumbai |
| 20. | Dr. Sunita Singh | Biotechnology and Bioinformatics | Associate Professor External invitee | D.Y. Patil University. Belapur Campus |
| 21. | Dr. Siddharth Dubhashi | MGMIHS | Director (Academics) | Navi Mumbai |
| 22. | Dr. R.B. Goel | MGMIHS | Registrar | Navi Mumbai |

Board of Studies - Physiotherapy

| Sr. No. | Name | Department | Designation | Institute |
|------------|--|--------------------------------|------------------------|-------------|
| 1. | Dr. (Mrs.) Rajani Mullerpatan (Chairperson) | MGM School of Physiotherapy | Director | Navi Mumbai |
| 2. | Dr. Sarath Babu (Co-Chairperson) | MGM School of Physiotherapy | Associate Professor | Aurangabad |
| 3. | Dr. (Mrs.) Sai Lakshmi Ganeshan | MGM School of Physiotherapy | Professor | Navi Mumbai |
| 4. | Dr. (Mrs.) Bela Agarwal (PT) | MGM School of Physiotherapy | Associate Professor | Navi Mumbai |

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| 5. | Dr. (Mrs.) Meruna Bose(PT) | MGM School of Physiotherapy | Associate Professor | Navi Mumbai |
| 6. | Dr. Vaibhav Kapre | MGM School of Physiotherapy | Associate Professor | Aurangabad |
| 7. | Dr. Vijayendra Rajguru(PT) | MGM School of Physiotherapy | Lecturer | Navi Mumbai |
| 8. | Dr. Sibi Joseph | MGM School of Physiotherapy | Lecturer | Aurangabad |
| 9. | Dr. (Mrs.) Swagatika Mishra | MGM Institute's University Department of Prosthetics & Orthotics | Associate Professor (Prosthetics & Orthotics) | Navi Mumbai |
| 10. | Dr. (Mrs.) Anjali Sabnis | Anatomy | Prof. & HOD | MGM MC, Navi Mumbai |
| 11. | Dr. Priyanka Rane | Physiology | Lecturer | MGM Medical College Navi Mumbai |
| 12. | Dr. Z G Badade | Biochemistry | Professor | MGM Medical College Navi Mumbai |
| 13. | Dr. Hoogar M. B | Pathology | Associate Professor | MGM Medical College Navi Mumbai |
| 14. | Dr. (Mrs.) Ipseeta Ray | Pharmacology | Professor | MGM Medical College Navi Mumbai |
| 15. | Dr. (Mrs.) Sharvari Samant | Microbiology | Associate Professor | MGM Medical College Navi Mumbai |
| 16. | Dr. Mitesh Thakkar | General Medicine | Professor | MGM Medical College Navi Mumbai |
| 17. | Dr. Ashish Jadhav | Surgery | Associate Professor | MGM Medical College Navi Mumbai |
| 18. | Dr. Sarabjeet Singh Kohli | Orthopedic | Professor | MGM Medical College Navi Mumbai |

Board of Studies - Nursing

| Sr. No. | Name | Department | Designation | Institute |
|---------|--|--|---------------------|-------------------------|
| 1. | Dr.(Mrs.) Prabha Dasila (Chairperson) | MGM Institute's University Department of Nursing | Director | Navi Mumbai |
| 2. | Dr. (Mrs.) Anuradha Mhaske (Co-Chairperson) | MGM Institute's University Department of Nursing | Director | Aurangabad |
| 3. | Dr. (Mrs.) Mary Mathews N. | MGM Institute's University Department of Nursing | Professor | Navi Mumbai |
| 4. | Mrs. Susan Jacob | MGM Institute's University Department of Nursing | Associate Professor | Navi Mumbai |
| 5. | Mr. Satishchandra T. Buyite | MGM Institute's University Department of Nursing | Associate Professor | Aurangabad |
| 6. | Mrs. Maria Preethi Mathew | MGM Institute's University Department of Nursing | Associate Professor | Navi Mumbai |
| 7. | Mr. Vishwanath Biradar | MGM Institute's University Department of Nursing | Assistant Professor | Aurangabad |
| 8. | Mrs. N. Prabhadevi | MGM Institute's University Department of Nursing | Assistant Professor | Aurangabad |
| 9. | Mrs. Kanwaljeet Kaur | MGM Institute's University Department of Nursing | Assistant Professor | Aurangabad |
| 10. | Dr. Jayashree Ghanekar | Medicine | Prof. & HOD | MGM Medical College, NM |
| 11. | Dr. Rakesh Ghildiyal | Psychiatry | Prof. & HOD | MGM Medical College, NM |

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|-----|-------------------------------|--|---|--|
| 12. | Dr. Ipseeta Ray | Pharmacology | Professor | MGM Medical College, NM |
| 13. | Dr. Sharvari Samant | Microbiology | Associate Professor | MGM Medical College, NM |
| 14. | Dr. Asha Sharma | Vice President of INC External invitee (Permanent Member) | | Indian Nursing Council New Delhi - 110002 |
| 15. | Dr. Rani Shetty | Professor External invitee (Permanent Member) | | L.T. College of Nursing, SNDT University, Mumbai |
| 16. | Dr. Meera Achrekar | Professor External invitee (Permanent Member) | | Homi Bhabha University Mumbai, (ACTREC, Kharghar) |
| 17. | Mrs. Ponchitra R. | MGM Institute's University Department of Nursing | Associate Professor (Special invitee) | Navi Mumbai |
| 18. | Mrs. Padmja Dhawale | MGM Institute's University Department of Nursing | Associate Professor (Special invitee) | Navi Mumbai |
| 19. | Mrs. Savia FernandezFernandes | MGM Hospital | Assistant Matron (Special invitee) | Vashi |
| 20. | Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| 21. | Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |
| 22. | Dr. Vaishali Shelar | Psychology | Clinical Psychologist | MGM Medical College Navi Mumbai |

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| 23. | Dr. Prasad Waingankar | Community Medicine | Prof. & HOD | MGM Medical College Navi Mumbai |
| 24. | Dr. (Mrs.) Shylaja Someshwar | Dermatology | Associate Professor | MGM Medical College Navi Mumbai |
| 25. | Dr. Archana Chatterji | Obstetrics & Gynecology | Associate Professor | MGM Medical College Navi Mumbai |
| 26. | Dr. Vijay Kamale | Pediatrics | Prof. & HOD | MGM MC, Navi Mumbai |
| 27. | Dr. Chhaya Verma | | External Member Professor | Topiwala National Medical College & B.Y.L Nair Charitable Hospital |
| 28. | Dr. Shilpa Parab | | External Member Professor | Chaitanya Medical Foundations College Of Physiotherapy, PCNTDA, Nigdi, Pune |
| 29. | Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| 30. | Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

Anointing Ceremony of Hon'ble Vice Chancellor

On 1st May 2018, MGM Institute of Health Sciences welcomed in-coming vice chancellor Dr Shashank Dalvi and paid tribute to out-going Vice Chancellor Dr. S.N.Kadam. Dr. (Lt. Gen.) S.K.Kaul was also feliciated after completion of his successful tenure as Pro-Vice Chancellor of MGMIHS.

The Anointment ceremony was held on **1ST MAY, 2018** at **2:00 PM - 4:00 PM** at MGMIHS Auditorium, IIIrd Floor, Navi Mumbai. All the dignitaries were welcomed with bouque of flowers.



The event included felicitation to Pro Vice Chancellor Dr (Lt. Gen) S.K Kaul and Vice Chancellor Dr S. N Kadam by the Hon'ble Chancellor, MGMIHS - Dr. K.G. Narayankhedkar. On this occasion the Vice Chairman of MGM trust Dr. P.M Jadhav informed all the dignatrics present in the auditorium that Dr. S.N.Kadam as a Vice Chancellor of MGMIHS has taken the institution to the height of excellence through NAAC 'A' grade accreditation. He also mentioned that Dr. Kadam is one of greatest man he has ever met because of his perseverance and focused approach towards life.

Dr. Jadhav while speaking about out-going Pro- Vice Chancellor Dr. (Lt. Gen.) S.K.Kaul mentioned that he is the most disciplined and determined person. Indeed Dr. P.M.Jadhav mentioned that it would be a great responsibility for the In-coming Vice Chancellor to take the legacy of the excellence ahead.



Falicitation of Pro Vice Chancellor Dr (Lt. Gen) S.K Kaul and Vice Chancellor Dr S. N Kadam by the Hon'ble Chancellor, MGMIHS - Dr. K.G. Narayankhedkar

The next processing was the anointing of Vice Chancellor (Designate) by Chancellor, MGMIHS with oath of secrecy followed by handing over charges by outgoing Vice Chancellor Dr. S.N. Kadam to incoming Vice Chancellor Dr. Shashank D. Dalvi.

Outgoing Hon'ble Pro Vice Chancellor – Dr. (Lt. Gen.) S.K. Kaul addressed the gathering and wished a prosperous session for in coming Vice Chancellor Dr. Shashank D. Dalvi.

Outgoing Hon'ble Vice Chancellor - Dr. S.N. Kadam mentioned the achievements of university under his tenure and also offered his gratitude to all staff, students and faculties for supporting him outstandingly for all initiatives and vision he had for taking the MGMIHS to different mile stones especially NAAC 'A' grade accreditation.

The Incoming Hon'ble Vice Chancellor- Dr. Shashank D. Dalvi addressed the gathering and acknowledged the outstanding efforts of Outgoing Hon'ble Vice Chancellor - Dr. S.N. Kadam and also assured him that he will put all his effort to continue the culture of excellence under his guidance. He also appealed to all MGM Family to support him in his endavour and he thanked the management for chosing him for the responsible position.



**Handing over responsibilities from Outgoing Vice Chancellor
Dr. S.N.Kadam to Incoming Hon'ble Vice Chancellor- Dr. Shashank D. Dalvi**



**Vice Chairman of MGM Trust Dr. P.M Jadhav presenting a memento to
Outgoing Vice Chancellor Dr. S.N.Kadam**

Hon'ble Chancellor, MGMIHS - Dr. K.G. Narayankhedkar mentioned the importance of education and culture of university. He mentioned that Hon'ble Chairman of MGM Trust Shri Kamal Kishorji Kadam has initiated a glorious journey of MGMIHS as a trust, which was based on the visionary principles of great father of nation Shri Mahatma Gandhi. This was proactively supported by Outgoing Hon'ble Vice Chancellor - Dr. S.N. Kadam to create the educational entity like MGMIHS.

He mentioned that under the guidance of Outgoing Hon'ble Vice Chancellor - Dr. S.N. Kadam the MGMIHS got NAAC 'A' and the culture of excellence in education, research and patients care was proved. He wished good luck to Incoming Hon'ble Vice Chancellor- Dr. Shashank D. Dalvi.

The anointment ceremony was closed with Vote of Thanks offered by Registrar MGMIHS.

Internal Quality Assurance Cell (IQAC)

Vision Statement:

Evaluation, promotion and sustenance of quality initiatives at MGM Institute of Health Sciences (MGM IHS) and in its constituent institutions, thereby nurturing a vibrant academic ambience with moral and cultural values and global competencies

Objectives:

1. To foster a dynamic teaching-learning environment with outcome-based benchmarks for improvement of academic and administrative performance of MGM IHS and its constituent institutions.
2. To promote initiatives for quality enhancement through internalization of quality culture and institutionalization of best practices at MGM IHS and its constituent institutions.

Composition of MGM IHS IQAC:

| S. N | Name | Designation | Position | Role |
|------|---------------------------|--|-------------|---------------|
| 1. | Dr. Shashank Dalvi | Vice Chancellor, MGM IHS, Navi Mumbai | Chairman | Chairperson |
| 2. | Dr. Siddharth P. Dubhashi | Director (Academics), MGM IHS, Professor and Head, Department of Surgery, MGMMC, Navi Mumbai | Coordinator | Coordinator |
| 3. | Dr. S.N. Kadam | Trustee, Medical Director, MGM | Member | Management |
| 4. | Dr. P.M. Jadhav | Vice Chairman, MGM Trust | Member | Society |
| 5. | Dr. N.N. Kadam | Controller of Examinations | Member | Society |
| 6. | Dr. Rajesh Goel | Registrar, MGM IHS, Navi Mumbai | Member | Admn. Officer |
| 7. | Dr. N.C. Mohanty | Jt. COE, MGM IHS, Navi Mumbai | Member | Admn. Officer |
| 8. | Dr. A.G. Shroff | Medical Director, MGM Medical College, Aurangabad | Member | Admn. Officer |
| 9. | Dr. Pravin Suryawanshi | Deputy Dean, MGMMC, Aurangabad | Member | Admn. Officer |
| 10. | Dr. R.S. Inamdar | Prof. and HOD, Physiology, MGMMC, Navi Mumbai | Member | Teacher |

| | | | | |
|-----|------------------------|---|--------|------------------|
| 11. | Dr. Jaishree Ghanekar | Prof. and HOD Medicine, MGMMC, Navi Mumbai | Member | Teacher |
| 12. | Dr. Prasad Waingankar | Prof. Community Medicine, MGMMC, Navi Mumbai | Member | Teacher |
| 13. | Dr. Gautam Shroff | Prof. and HOD, Anatomy, MGMMC, Aurangabad | Member | Teacher |
| 14. | Dr. Samir Pachpute | Asso. Prof. Microbiology, MGMMC, Navi Mumbai | Member | Teacher |
| 15. | Dr. Parineeta Samant | Asso. Prof. Biochemistry, MGMMC, Navi Mumbai | Member | Teacher |
| 16. | Dr. Rajesh Kadam | Asst. Prof. Pharmacology, MGMMC, Aurangabad | Member | Teacher |
| 17. | Dr. Ankush Dawra | UG student, MGMMC, Navi Mumbai | Member | Student |
| 18. | Dr. Shreya Saha | UG student, MGMMC, Aurangabad | Member | Student |
| 19. | Dr. Rohit Jacob | PG student, MGMMC, Aurangabad | Member | Student |
| 20. | Dr. Chaitrali Gawade | PG student, MGMMC, Navi Mumbai | Member | Student |
| 21. | Dr. Sameer Kadam | Alumnus, MGMIHS, Navi Mumbai | Member | Alumni |
| 22. | Dr. Kiran Mali | Alumnus, MGMIHS, Navi Mumbai | Member | Alumni |
| 23. | Mr. Ranjeet Bhonsale | Advocate, Navi Mumbai | Member | Legal Expert |
| 24. | Dr. Archana Mishra | Hospital Admn., MGM Hospital, Navi Mumbai | Member | Hosp. Rep. |
| 25. | Dr. Srivalli Natarajan | IQAC Coordinator, MGM Dental College, Navi Mumbai | Member | External Invitee |
| 26. | Mrs. Neelam Bhatnagar | MIS Coordinator, MGMIHS, Navi Mumbai | Member | Admn. Staff |

IQAC Initiatives:

The academic session (July 2017 to June 2018), the MGMIHS Institutional Quality Assurance Cell has taken lot of initiatives for the excellence in Academics, Students welfare, research, social commitment and administration. The initiatives taken in the respective areas are mentioned with respect to the discipline as follows:

Academics:

- PG Induction Program
- Six monthly progress reports for postgraduates
- Graduate Attributes
- Mentorship
- Integrated teaching (Vertical: 52 sessions and Horizontal: 43 sessions)
- Sessions on Human values and Ethics
- Establishment of the Bioethics Unit of UNESCO Chair in Bioethics
- Inclusion of Bioethics into UG and PG curriculum
- Problem-Based Learning (733 sessions)
- Training in Communication Skills
- Resident as Teacher Workshop
- Workshops on SPSS
- Remedial drills for slow learners
- ICT-blended teaching-learning
- EDUCON 2018
- Planning for Academic Audit in August 2018
- Skills Lab

Administrative:

- Strategic Plan 2017-18
- Vision 2030 Document
- ICT-enabled Governance
- Revision of Appraisal Formats
- Planning for Administrative Audit in August 2018
- Feedback analysis
- Automation of Library and Examination Section
- NABH Accreditation

Research:

- Policy for Plagiarism
- Establishment of Innovation and Incubation Centre
- Revision of Research and Consultation Policy
- Seminars on IPR
- Enhancement of incentives for research activities

Student Welfare:

- Grievance Redressal Mechanism
- Student Charter
- Student Representation on various Committees
- Remedial Drills for slow learners
- Value-Based Education sessions
- Ragging-free campus
- Mentorship
- Parent-Teacher meetings

Social Commitment:

- Gender sensitization
- Organ Transplant Program
- Citizen Charter
- Health camps in remote villages
- Celebration of health days
- Inculcation of Gandhian values

Activities Organised and held by MGMIHS IQAC

The MGMIHS IQAC organized many events for supporting the excellence in teaching and research during 2017-18. Some of the activities are mentioned in details:

1. **EDUCON 2018:** National Conference on Quality Benchmarks in Higher Education, held at MGMIHS, Navi Mumbai on 17th and 18th February 2018.



Conference brochure



Inaugural function



Release of Proceedings

The conference has Vice Chancellor of leading universities across the country as guest speakers for the sessions. They shared the values for teaching learning process in the medical and health sciences universities.



Prof. S. Rangaswami



Prof. V. Saoji



Prof. Y.M. Jayraj



Prof. Sham Singla



Prof. M.C. Misra



Dr. Tejinder Singh



Prof. S. Geetalakshmi



Dr. A.N. Supe



Prof. R. Pandey



Dr. S. Salagare

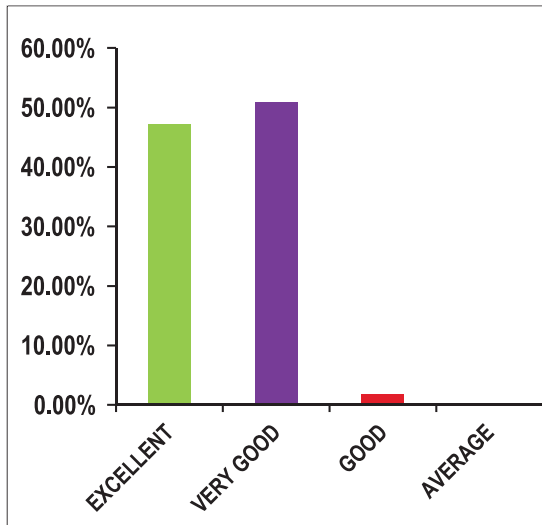
2. Resident as a Teacher Workshop: The MGMIHS IQAC organised a workshop for medical colleges' residents and also took the feedback as shown below:



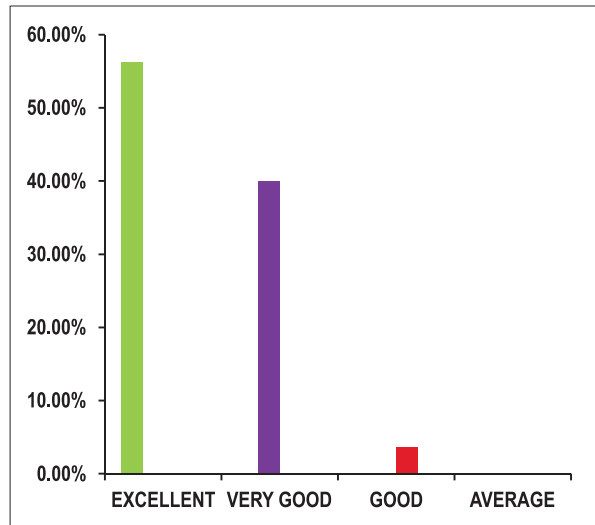
Resident as a Teacher Workshop

Workshop Feedback

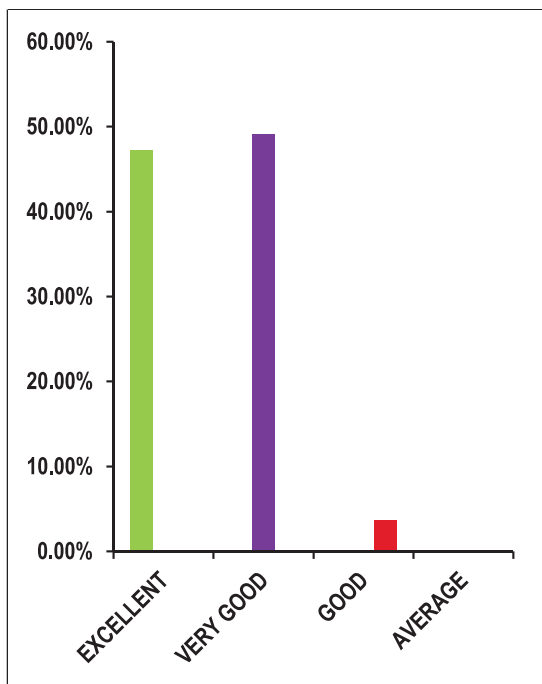
Educational Objectives



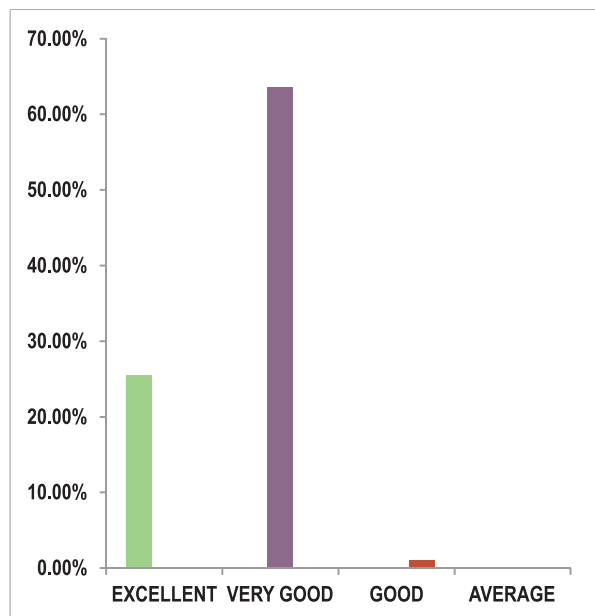
Taxonomy



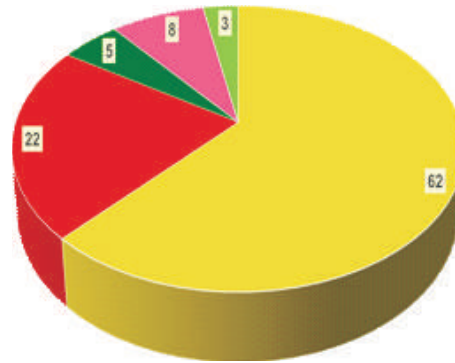
Microteaching



Usefulness



3. **SPSS Workshop:** The MGMIHS IQAC also initiated a special workshop for faculties and research scholar to support their zeal for research. The SPSS workshop is since then continued based on the demand of all staff in campus and from outside. The picture of the session and the feedback of the same is shown below:



Language • Medical Problems • Social Phobia • Absenteeism • Lack of Interest


SPSS Workshop and Feedback

4. **Students' Support Activities:** There were many students support activities were conducted during 2017-18 at department and college level. However, one of the activities organised at university level was support for slow performers. The purpose of the session was to sensitize all concerned about supporting students who are slow learners.
5. **Gender sensitization session:** MGMIHS IQAC organised an event for sensitizing staff and students about gender and its characteristics.



Gender sensitization sessions

MGMIHS Centres Of Excellence



| |
|--|
| MGMIHS OMICS Research Center |
| MGMIHS Incubation and Innovation Centre |
| MGMIHS Sleep Medicine and Research Centre |
| MGM Centre for Human Movement Sciences |
| |
| |

MGMIHS OMICS Research Center

(A centre of excellence in drug discovery and molecular diagnostics)



Figure.1 MGMIHS OMICS Research Center

MGMIHS OMICS Research Center is a centre of excellence in drug discovery and molecular diagnostics. Center is accelerating the basic and applied research. Using various domains of OMICS such as genomics, proteomics and computational biology, this center is providing unique and exploratory platform for discovery research.

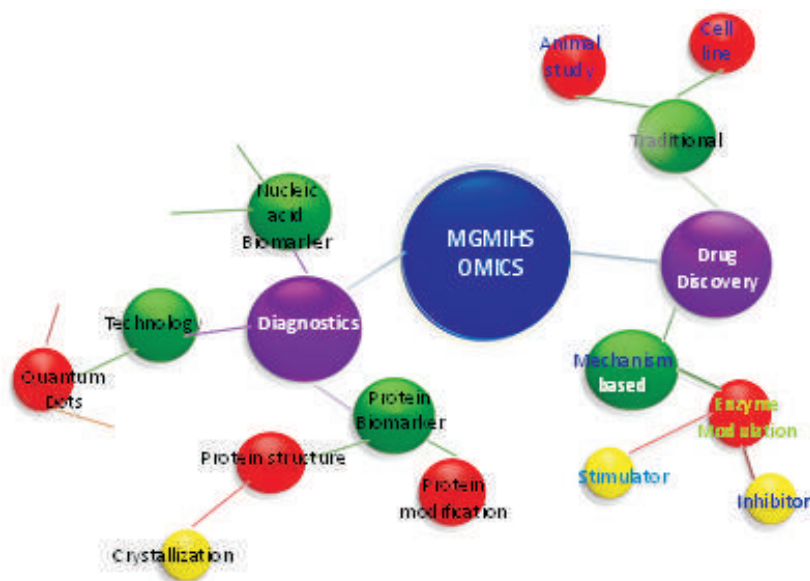


Figure.2 Various research domain of MGMIHS OMICS Research Center

Research and technology innovation of center is mainly revolving around the integration of advanced knowledge of protein science, enzymology, metabolic network, natural products chemistry, green synthesis etc. The thrust area of this centre i.e. biomarker discovery, rational drug discovery, nano-biotechnology, reversal of drug resistance and green technology. Presently centre is actively engaged in discovery and diagnostic research in the area of tuberculosis, malaria, obesity and diabetes.

Center is enriched with important instruments such as spectrofluorophotometer, UV-Vis Spectrophotometer, ELISA Reader, HPLC, Fume Hood, Laminar Air flow, Biosafety Cabinet, CO₂ Incubator, Thermal cycler, Gel Electrophoresis instruments, Inverted microscope, -20°C refrigerator etc. and other large number of basic and small supportive instruments. This centre is also equipped with protein isolation and purification. Centre is also equipped with an advanced proteome/protein based several bio-systems for bio-fabrication of metallic nanoparticles. Bio-fabrication based generation of quantum dots facility is major attraction of center.

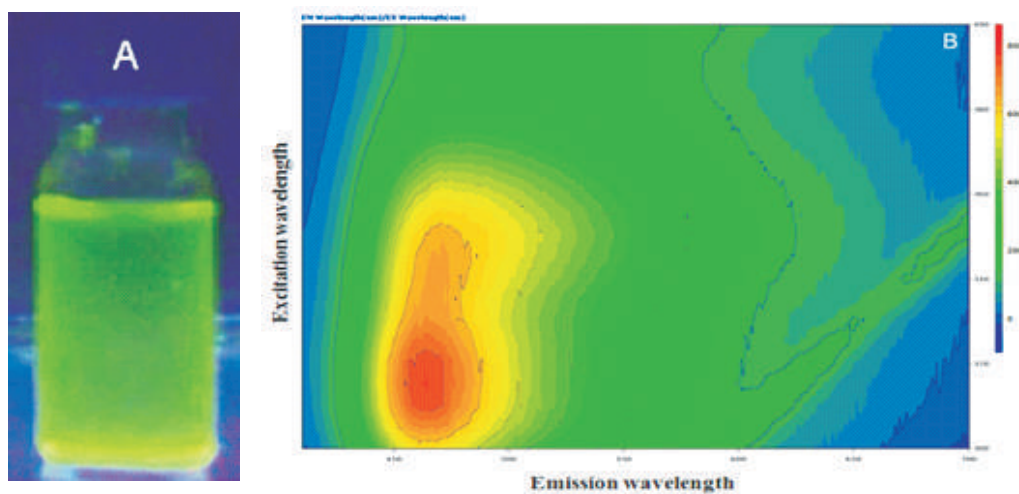


Figure.3.A. Photoluminescence of cerium oxide quantum dots under UV light
B. 3D spectrum of cerium oxide quantum dots

In 2017-2018 major focus of the research was on biogenic quantum dots and its application for TB antigen IP-10, pancreatic lipase inhibitor based formulation for animal trial for anti-obesity effect, search for novel anti-diabetes plant/molecule (based on anti-pancreatic activity and glucosidase inhibitory activity). Center has also aggressively started working for a molecule for reversal of drug resistance in *Plasmodium falciparum*. Centre has successfully demonstrated application of biogenic quantum dots for Cerium quantum dot powered IP-10 antibody assembly for identification of TB antigen and developed detection kit.

Extraordinary work has been demonstrated in the area of anti-obesity formulation and its effect in animal model. Towards the search of anti-diabetes molecule novel plants has been identified. For reversal of chloroquine resistance in malaria, efflux pump like inhibitors are demonstrated in bacterial model. Under minor project, development of protein immobilized carbon for removal of arsenic from water and new plant leaf source for carbonic anhydrase (carbon capture potential) were very innovative work in this section. Centre continuously supported ongoing other projects such as Malaria and Mycobacterium tuberculosis. Papers have been also published in national and international journal. Centre is mainly working and advancing in the area of natural enzyme inhibitors.

Due to interdisciplinary research platform, center has provided facilities for various divisions of MGM medical college and hospital such as Ophthalmology, Pediatrics, Pharmacology, Biochemistry, Pathology and other unit of MGMIHS i.e. MGM School of Physiotherapy, MGM School of Biomedical Sciences and MGM Dental College and for research and training work. Centre has also supported Ph.D. Biotechnology program under MGMIHS, M.Sc. Molecular Biology (two years) program under School of Biomedical Sciences and MGMIHS Incubation and Innovation Centre. MGMIHS OMICS Research Center is an interdisciplinary synergy and it is also acting as central facility for MGMIHS research. Faculty, clinician, scientific staff and students are using this facility. Researchers of centre have been also awarded by various national and international organization/foundation. They have also participated in various conferences and symposia.

Some important achievements:

Patent filed/published:

1. Application No.201721040727 A -Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen. YADAV, Raman Prasad, KADAM, Sudhirchandra Nanasahab, KADAM, Nitin Nanasahab, BHAGIT, Amita Anant. MGM Institute of Health Sciences, Sector -1, Kamothe, Navi Mumbai-410209, Maharashtra, India

Paper published/accepted:

1. Rinkey Shahu , Priyanka Rathod, Chandana Kulkarni Raman Yadav 2018. Pancreatic lipase inhibitory and antioxidant activity of methanolic extract of florets of aster species, *Indian Drugs*. 55(12):60-68
2. Abhijit Naik, Saurabh Shrivastava, Naheed Abidi, Raman Yadav, Prachi Shah, Yash Gala · 2018. Study of tear proteins for possible biomarker in primary open-angle glaucoma. *J of Clinical Ophthalmology and Research*. 6:66-70

3. Rinke Shahu, Sveeta V.Mhatre ,M Priyanka Rathod, Chandana Kulkarni Raman Yadav.2017. Pancreatic Lipase Inhibitors from Plant Sources for Possible Use as Antiobesity Drugs. *MGM Journal of Medical Sciences*. 4(4):177-184
4. Mhatre S., Bhagit A. and Yadav R. P.2017.*In vitro* studies of some edible spices on pancreatic lipase inhibitory activity. *Indian drugs*. 54, 62-68.
5. Kshitija S. yadav,C. selva kumar, DS Joshi, NC Mohanty, NN Kadam.2017. Studies on single nucleotide polymorphism in the fucosyl transferase-2 (*FUT 2*) gene and their association with host susceptibility to rotavirus infection of P[4] and P[8] genotypes. *MGM Journal of Medical Sciences*,3(4):107-116
6. Kshitija S. yadav, C. selva kumar, Raman P. Yadav, DS Joshi, NC Mohanty NN Kadam. 2017 Gene specific candidate driven study to decipher genetic predisposition to rotavirus infection. *Canadian J of biotechnology*,1:78

Awards: Kshitija Rane, Young Scientist Award, Indian Virological Society, December, 2017

Contributions:

- MGMIHS OMICS Research Center contributed in establishment and functioning of MGM Incubation and Innovation center at MGMIHS Navi Mumbai.
- MGMIHS OMICS Research Center contributed in organizing seminar on “Intellectual Property Rights” at MGMIHS, Navi Mumbai on 27th April 2018.
- Technical Director Dr. Raman P. Yadav, MGMIHS OMICS Research Center was appointed as Director of MGM Incubation and Innovation center (University letter no. MGMIHS/ESTT/R/2018/23)
- MGMIHS OMICS Research Center initiated collaborative project with Pavan Green biotechnologies on 'Fish Waste Management through Biotechnological Intervention'
- Draft copy of “MGMIHS initiative for collaborative research” submitted to MGMIHS administration on 4 may 2018.
- Draft copy of MGMIHS patent policy was submitted to MGMIHS.

MGMIHS Incubation and Innovation Centre

MGM Institute of Health Sciences, Navi Mumbai has recently established **Innovation & Incubation Centre** on 18th April 2018. In this direction, MGMIHS recognized/registered, Institution's Innovation Council on 17th November 2018 as per the norms and directions of Innovation Cell, Ministry of HRD, Government of India. Presently, MGMIHS Incubation and Innovation Centre is actively engaged in various ongoing R&D projects. This center is also supporting MGMIHS Institution's Innovation Council for implementation of various events/programs.

This centre is providing unique and interdisciplinary platform for creation of skill based new enterprises. Centre will incubate all our ideas and expertise for commercial exploration. Centre integrates various disciplines and expertise of MGM institute's such as medical sciences, physiotherapy, prosthetics and orthotic, nursing, biomedical sciences etc. Centre highlights all the available expertise for commercial exploration.

The thrust areas of Incubation and Innovation Centre are

1. Medical education and training,
2. Technology development and transfer,
3. Skilled manpower provider,
4. Expert consultancy,
5. Validation and human trial centre and
6. Innovative strategies provider for health science project.

MGMIHS Incubation and Innovation Centre is well connected with various laboratories of MGM institutes for basic and applied work with facilities including library, technical / IT Support, laboratory, workshop & testing facilities, research mentoring etc. Technology consultancy, training, potential business facilitation and network of mentors are also part of centre functioning.

MGMIHS Incubation and Innovation Centre are committed to facilitate the growth of innovators and entrepreneurs in achieving their goals. Therefore, this centre work with the mission to incubate innovative ideas by supporting the planning, development monitoring and training, create a multiplier effect on opportunities for innovator and entrepreneurs. Incubation of all available expertise for commercial exploration is another aim of the centre.

Therefore, followings are major objectives of MGMIHS Incubation and Innovation Centre;

- To boost the entrepreneurial spirit among stakeholders

- To accelerate discovery and research program
- To accelerate commercialization of R&D outputs and technology transfer
- To create skill based new system that can generate value-added jobs and services.

MGMIHS Incubation and Innovation Centre works through well define project implementation protocol using various incubator modules.

- Pre-incubation is 1st step of implementation process which includes presentation of innovative idea, new strategy, new products, and new technologies and processes etc. Selection is another important step of project implementation which mainly deals with screening of applications, discussion on technical aspects, methodology of project implementation, financial & business plan of project etc.
- Incubation module of implementation process mainly focuses providing workspace, mentoring, funding support, administrative and specialized support, trainings etc. After the successful incubation of project post incubation module provides monitoring, linkages support, processes and networking support etc.
- Two major platforms for these activities are active i.e. Innovator @P which support entrepreneurs in launching and scaling their technology-based ideas and Accelerator @P which conduct startup accelerator programs in collaboration with reputed national and international organizations to help accelerate the learning and growth of incubated start-ups.

In first phase centre has decided to work on bioprocess, nutraceuticals, biomedical device, and diagnostics related projects.

Activities:



Inauguration ceremony of MGMIHS Incubation and innovation center

MGMIHS Sleep Medicine and Research Centre

The MGMIHS Sleep Medicine and Research Center was inaugurated on the 6 of March 2014. Our center is in cooperation with the Sleep professionals at Penn Medicine, part of the University of Pennsylvania Health System, USA, recognized as one of the leading sleep medicine institutes in the world. With the training and guidance of Penn Medicine experts, our Center offers a full complement of sleep physician services, diagnostic testing and treatment options to ensure the best possible patient care. We offer beautiful and comfortable sleep facilities for overnight testing performed with state-of-the-art equipment, similar to that used at Penn Medicine sleep centers in Philadelphia, USA. These efforts have resulted in the MGMIHS sleep program being specifically designed to meet the growing needs of the Indian population.

TYPES OF SLEEP DISORDER STUDIES

- Attended Polysomnography
- Attended Polysomnography with PAP titration
- Attended Multiple Sleep Latency Test/Maintenance of Wakefulness Test
- Unattended Home Sleep Study



SLEEP DISORDERS are common and increasing everyday in India. Many times sleep disorders are not recognized by the people who suffer from them, but the dangers are very real. Sleep disorders are increasingly becoming the most frequent reason for automobile accidents in India, and if left untreated, cause health related problems including heart attacks, strokes, and congestive heart failure, and can contribute to the severity of other diseases. People who suffer from sleep disorders may have SYMPTOMS of:

- Increased sleepiness during the day

- Restless limb movement while sleeping at night
- Difficulty in falling asleep without sleeping pills
- Reduction in concentration, memory, and attention
- Increased periods of urination during the night
- Inability to complete needed tasks at home
- Loud snoring that disturbs others around you
- Difficulty staying awake while driving
- Irritable behavior

The MGMIHS Sleep Medicine and Research Centre is catering to the needs of patients having any of these following disorders:

- PERIODIC LIMB MOVEMENT SYNDROME
- INSOMNIA
- OBSTRUCTIVE SLEEP APNEA
- NARCOLEPSY
- PARASOMNIAS
- SHIFT WORK DISORDER

The MGMIHS Sleep Medicine and Research Centre have a dedicated team of Physicians and Technologist. This team is trained and guided by University of Pennsylvania.



MGM Centre For Human Movement Sciences

MGM Centre of Human Movement Science (MGMCHMS) was established by MGM School of Physiotherapy, Navi Mumbai in 2015 in collaboration with BETiC, IIT-B and International Society of Biomechanics to address an urgent need to integrate clinical biomechanics in Indian healthcare.

The center works towards a mission to provide people with movement analysis facilities following traumatic sports or mechanical injury or disorders such as stroke, amputations (loss of limb), and cerebral palsy, diabetic foot complications, Parkinson's disease, prevent injury and enhance sports and dance performance at an affordable cost for better treatment planning. The vision is to generate a task force within the country to undertake research and develop the science of movement analysis further in India by conducting integrated training for clinicians and engineers.

Team of MGMCHMS has grown to an in-house core team of 5 Physiotherapists; committed team of Mechanical engineers from IITB, Human movement scientists from Cardiff University, UK contributing with complementary skills on specific research projects. A cohesive effort between healthcare professionals and engineers is a highlight of the team work at MGMCHMS resulting in translational healthcare research.

Inter-disciplinary collaborative research funded internally and extramurally is in process. Internally funded projects focus on exploration of biomechanical demands of Yogasanas, Suryanamaskar; traditional ground level activity such as squatting and classical dance form namely-Bharatnatyam. Our efforts continue to explore functional outcome of children with cerebral palsy undergoing single event multiple level surgery and develop a tool for home based monitoring of function. Pilot work is undertaken to study the stiffness of plantar cutaneous tissues among people with diabetic neuropathy for early detection of risk to injury. Preliminary work is also in progress to design simple tools to reduce fatigue of back muscles in mathadi workers.

A collaborative project between Department of Mechanical Engineering IIT Bombay and MGM School of Physiotherapy, Navi Mumbai aimed towards developing a powered trans-tibial prosthesis for people with below knee amputation; funded by Department of Biotechnology is in process. MGM School of Physiotherapy is working with Sancheti College of Physiotherapy, Pune to explore effectiveness of two modifications of traditional Suryanamaskar. Additionally research in healthcare is conducted by PhD scholars and post-graduate students of Physiotherapy and engineering which is complementary in nature.

Ongoing observer ship, guided tours and short-term demonstrations are conducted to spread awareness and knowledge of biomechanics within Maharashtra and outside among clinicians, students and faculty members of health care and engineering.

The center has offered 12 training courses in clinical biomechanics over 4 years which were received well by enthusiastic clinicians and engineers across Maharashtra, Gujarat, Karnataka and Kerala & Delhi. Participants reported an excellent feedback on knowledge base, awareness of applications of movement analysis in clinical care and academic programs.

Intense efforts to deliver a triad of clinical service, research and training programs in clinical biomechanics continue at MGMCHMS to meet the ultimate goal of addressing healthcare needs specific to Indian lifestyle.

Facility

❖ Vicon motion capture system and AMTI force plates:

MGM CHMS is equipped with 12 high end 240 fps optical cameras (Vicon, UK) and three force platforms (AMTI, USA) to measure kinematics and kinetics of human movement.

Vicon Polygon is an integrated visualization and report editing tool enabling quick and easy creation of a gait report. Polygon analyzes trial data that has been created with Vicon motion capture and processing software. It contains modeled data generated by Vicon biomechanical modeling software (such as Plug-in gait, bodybuilder and OLGA). AMTI biomechanics force platforms are designed to measure forces, moments and are sensitive to accelerations as well. Force plates can be used individually or arranged in a walkway format to collect multiple footfalls.

❖ Novel e-med system for plantar pressure analysis:

A platform system is available for plantar pressure analysis (novel emed). E-med[®] pedography platforms are accurate electronic systems for recording and evaluating pressure distribution under the foot in static and dynamic conditions. Platform provides accurate, reliable information for the analysis of foot function and diagnosis of foot pathologies. Foot deformities and malfunction can be detected during analysis of the barefoot pressure data. It consists of calibrated capacitive sensors.

❖ Fitmate:

Fitmate Med by COSMED, Italy is an electronic device developed for assessing resting metabolism, cardio-respiratory fitness (VO₂max) and basic spirometry (FVC, SVC, MVV). It allows personalized weight management programs and exercise prescriptions according to the ACSM's latest recommendations. It is sensitive equipment that provides accurate respiratory gas analysis and real time oxygen consumption. Energy expenditure of activity is computed and comprehensive analysis of cardio-respiratory and metabolic systems allows for monitoring treatment outcomes and prescription of evidence based activity.

❖ **Electromyography system:**

Delsys Bagnoli EMG System: Delsys Bagnoli EMG DSY-DS-B03 is a 8 channel wireless device which can be connected to VICON software so that it is helpful in various range of biomechanical research activity such as muscle activity in gait cycle, sports biomechanics.

The ProComp Infiniti: The ProComp Infiniti SA7500 encoder is an eight (8) channel, multi-modality device for real-time computerized biofeedback and data acquisition. It has 8 protected pin sensor inputs with two channels sampled at 2048 s/s and six channels sampled at 256 s/s. The ProComp Infiniti encoder is able to render a wide and comprehensive range of objective physiological signs used in clinical observation and biofeedback. All sensors are completely noninvasive and require little or no preparation for use.

❖ **Step Activity Monitor:**

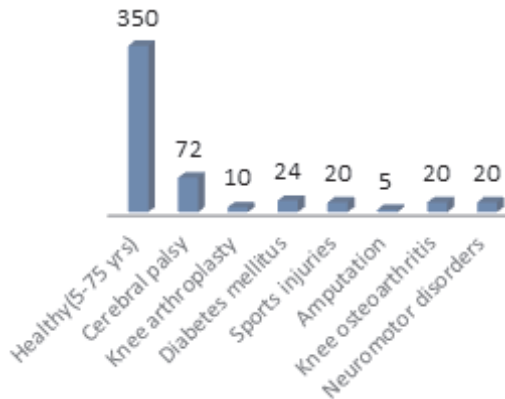
The Step Activity Monitor (SAM) by Orthocare Innovations is a highly accurate ankle worn ambulatory activity monitor, the size of a small pager. The StepWatch works with a docking station and software that handles set-up, downloading, display, analysis, and many other functions. It detects steps for a wide variety of normal and abnormal gait style and cadence ranging from a slow shuffle to a fast run. It has a capacity to monitor and store data for a month. Exclusive feature of this facility is its open access to clinicians and engineers to engage in planning strategic work either for clinical service, research or training.

Research & Clinical services

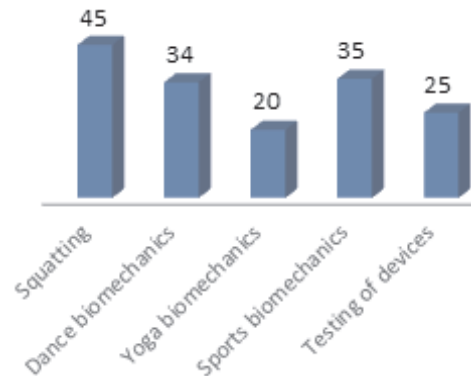
MGM Centre of Human Movement Science is committed to develop biomechanics in India in all 3 domains i.e. academic, research and clinical. MGM Centre of Human Movement Science teams did the tremendous work in all three domains. 350 consented healthy participants (aged between 5-75 yrs) were analyzed to generate normative reference data for Indian population and this is still ongoing. 171 patients have been tested 159 participants tested for our research activity.

In past 3 years MHMCHMS has developed research activity and its clinical implementation in the area of cerebral palsy patients, women's health, Biomechanical exploration of yoga and its clinical implementation in diabetes and low back pain, lower limb amputations, dancers as well as development of Indigenous medical assistive devices with help of various intramural, extramural and collaborative funded research projects.

Number of healthy individuals and patients evaluated at MGM CHMS



Number of participants evaluated for research projects



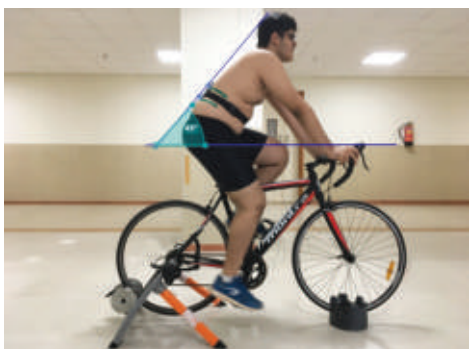
Testing of Wearable Motion Sensing Device (Actofit)

Actofit band is fitness tracker that automates comprehensive workout tracking & provides actionable insight. Using machine learning algorithms Actofit goes deeper into advanced motion tracking to identify gym exercises, count reps, evaluate form, measure heart rate, calories burned and more to auto-log comprehensive sessions & granular workout statistics; allowing evaluation of data to make informed decisions

Actofit team approached MGM CHMS to test their device against Vicon Motion Analysis system. 6 routinely performed gym exercises were analyzed for number of repetitions, peak velocity and peak force. Raw data acquired from gyroscope sensor was denoised using discrete wavelet transform to accurately identify start and end point of each exercise repetition. Linear velocity in m/s was calculated from angular velocity in degree/sec. Velocity calculated from wrist worn device comprising IMU sensor was further compared with Motion data captured from VICON for validation purpose

Results showed a high correlation between the Vicon and wearable device mean and peak values. It was observed that velocity calculated from IMU sensor on the wearable device matched with one calculated from VICON setup.

Testing of device to detect posture in cyclists (Cyclos)



The device was developed by Mr Kunj Dedhia, a X standard student from Dhirubhai Ambani International School, Mumbai. This innovation has won the Grand Prize at the Initiative for Research and Innovation in Science (IRIS) National Fair 2016 and has qualified to represent India at the Intel International Science and Engineering Fair 2017 to be held in Los Angeles, USA.

Kunj's feedback: *"Incessant backaches are an intrinsic part of cycling. Preliminary research revealed that 45% of the cyclists in the world suffer from back pains of which 20% never recover. Although every cyclist tries to cure the pain with the help of certain stretches and exercises, it is true that prevention is always better than cure. There was a need to develop wearable motion sensing technology that will track user activity in real time for live feedback for posture correction for cyclists.*



Throughout the research and development phase of this device, MGMCHMS has helped me in the testing phases. Testing involved, finding a correlation between the sensor values and values generated through Kinovea. The input received from Dr. Rajani Mullerpa

tan and Dr. Yuvaraj Singh has helped me make my device scientifically accurate and valid. I have finally produced a state of the art ergonomically designed device for cyclists to prevent low back pain."



Dissemination

'Integration of clinical biomechanics in Indian Healthcare' meeting in May 2017

MGM Centre of Human Movement Science (MGMCHMS) organized third workshop on clinical biomechanics on 5th, 6th and 7th May 2017. The aim of this workshop was to train engineers and health professionals in the field of clinical biomechanics and hence generate a task force for the future. A total of 32 participants including PhD scholars [5 from IIT Madras, 2 from NIT Calicut and 3 from IIT Guwahati], scientists [2 from Defense Research and Development

Organization (DRDO) Bangalore, 5 from Innovation Lab at TCS, 3 from Bhabha Atomic and Research Centre (BARC), Mumbai and 4 from BETiC (IIT Bombay), post graduate researchers (?) and 3 clinicians attended the workshop.

Eminent speakers from all over the country were invited to contribute to the workshop. These included Prof Prabhat Ranjan (Executive Director – TIFAC, GoI), Prof Robert van Duersen (Cardiff University, UK), Prof B Ravi (IIT Bombay), Dr Sujatha Srinivasan (IIT Madras), Dr S N Omkar (Indian Institute of Science, Bangalore), Dr Rupesh Ghyar (IIT Bombay) and Prof Kanagaraj (IIT Guwahati). The MGMCHMS team comprised of Dr Rajani Mullerpatan, Prof Bela Agarwal, Ms Triveni Shetty and Mr Yuvraj Singh.

Day one commenced with Dr Rajani Mullerpatan (Director – MGM School of Physiotherapy) welcoming all to the workshop and Prof Robert van Duersen acquainting the participants about global status of biomechanics. This was followed by Prof B Ravi articulating the need for 'engineer – clinician collaboration' and the role played by Bio Engineering and Technology Incubation Centre (BETiC) at IIT B in facilitating this collaboration. Amongst the sessions on day one were kinematics of movement, kinetics of movement, musculoskeletal modeling and biomedical principles guiding prosthetic design. Later in the afternoon, there were demonstrations on pressure measurement using emed© system and 3 dimensional motion capture using Vicon© system by the team of MGMCHMS. Day one also involved dividing the participants in 6 groups and giving them one real life biomechanical problem to be solved by the end of the workshop.

Day two began with Prof Prabhat Ranjan presenting a motivating talk on technology interventions for the disabled. He reiterated the need to ensure affordable and accessible health care to every Indian through prophylactic, promotive, curative and rehabilitative aspects of technologies (TIFAC's Vision 2035). This was followed by presentations on muscle and moments, application of biomechanical principles to guide *Yogasana* research, introduction to finite element analysis and applications of medical imaging in clinical biomechanics. Afternoon

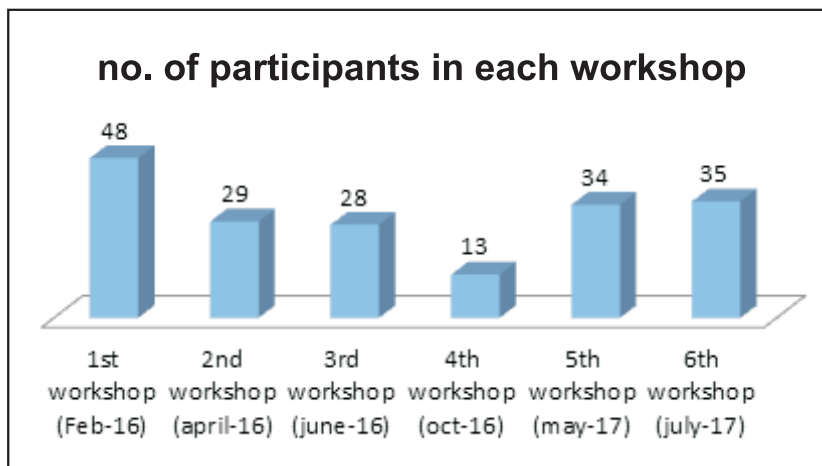


was dedicated to demonstrations on 2 D video analysis, electromyography and OPENSIM.

Day three included sessions on tissue stress and mechanics, applied bio mechanics in neurological conditions, relation between loading, joint stability & articular cartilage damage, gait patterns of people with above knee amputation walking with polycentric knee joint and mechanics of cardio respiratory system. They were followed by presentations by the participants to the problems given to them on day one. The workshop ended with Dr Rajani Mullerpatan asking for feedback and thanking all for participating and contributing to the workshop.

The workshop was rated highly by the participants. According to their feedback, it provided them with new insights and made them understand scope of applications of clinical biomechanics in healthcare. They gained knowledge and skills to aid in their respective research areas and provide them an opportunity to communicate and network with fellow participants and eminent persons from the field of clinical biomechanics.

Being a self funded workshop, we take pride in training students from government as well as private institutes and industry in the field of biomechanics. MGMCHMS is thus playing a pivotal role in uniting the biomechanics community and emerging as an epicenter for quality research and training in India. We thank the MGM Institute of Health Science and BETiC, IIT Bombay for their continued support in helping us organize the workshop.



CME

One day CME at MGM Centre of Human Movement Science Organized by MGM School of Physiotherapy, Kamothe Navi Mumbai 9th September 2017. 32 delegates participated overview of pharmacological management, nutrition & dietary management and Pulmonary rehabilitation in Respiratory dysfunction was conducted in attempt to increase awareness and knowledge regarding implementation of pulmonary rehabilitation in Physiotherapists.

- Dr. Shreeja Nair (MD) (Asst Professor, Dept of Respiratory Medicine, MGM MCH, Kamothe) delivered the lecture from on the topic, “Common Respiratory disorders: overview and Pharmacological Management”, which provided an deep insight into the guidelines for medical management of the common respiratory disorders with emphasis on recent trends in management strategies.
- Mrs.Arati Anand, MSc(Dietician & Nutritionist, MGM MCH Kamothe) delivered the lecture on the topic, “Importance of Dietary Management in patients with Respiratory conditions”. The lecture provided an brief insight into the importance of nutrition in management of various respiratory conditions and the necessity to prescribe a tailor-made dietary requirements for patients.
- Dr Bela Agarwal (Asso Professor,MGM SOP), delivered the lecture on the topic, “ Recent advances in Pulmonary Rehabilitation a hands-on experience”. The lecture provided a deep insight of different components of PR, team, rationale of pulmonary rehab, evaluation and assessment of patients and formulation of an tailor made exercise program.
- Last session of the day included Workstations and Live demonstration of Submaximal Exercise testing protocol using Fitmate Med & Incremental Shuttle Walk Test(ISWT) by Dr.Vijayendra Rajguru(PT) & Dr.Monal Shah(PT) respectively.
- Feedback from participants showed an overall 98% satisfaction quotient regarding content of CME , knowledge gained and participation in future events

About 7th Convocation

The Seventh Convocation held on Tuesday, 25th July 2017 at 10:00 a.m. The Chief Guest for the seventh convocation was Prof. Dr. Michael Reardon, Chief Cardiac Surgeon, Houston Methodist Hospital, Houston, Texas, USA.

The Guest of Honour for the session was Shri. Kamalkishor Kadam, Founder Chancellor and Chairman, MGM Institute of Health Sciences, Navi Mumbai & Chairman, Mahatma Gandhi Mission. Dr. K. G. Narayankhedkar, Chancellor, presided over the function and conferred degrees in presence of Dr. Sudhirchandra N. Kadam, Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai.



The details of the convocatees are as follows:

| TOTAL NUMBER OF ELIGIBLE STUDENTS FOR 7 th CONVOCATION | | | |
|--|--------------------|------------|-------|
| Course | Number of Students | | Total |
| | NM | Aurangabad | |
| PG Courses | | | |
| Ph.D. | 13 | 1 | 14 |
| MD | 50 | 31 | 81 |
| MS | 23 | 13 | 36 |
| PG Diploma | 14 | 6 | 20 |
| MPT | 6 | 1 | 7 |

| | | | |
|-------------------|-----|-----|-----|
| M.Sc.(Nursing) | 1 | 0 | 1 |
| M.Sc.(Medical) | 2 | 0 | 2 |
| Total (PG) | 109 | 52 | 161 |
| UG Courses | | | |
| MBBS | 122 | 124 | 246 |
| B.Sc. (AHS) | 3 | 9 | 12 |
| BPT | 64 | 46 | 110 |
| B.Sc. (Nursing) | 2 | 0 | 2 |
| Total (UG) | 191 | 179 | 370 |
| Total (UG & PG) | 300 | 231 | 531 |

LIST OF MEDALS AWARDED IN SEVENTH CONVOCATION

1. **Dr. R.D. Kulkarni Gold Medal to Mr. Wad Bhushan Ulhas** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in Pharmacology in Second Year MBBS Examination.
2. **Dr. C.A. Franklin Gold Medal to Mr. Wad Bhushan Ulhas** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in FMT in Second Year MBBS Examination.
3. **MGMIHS Gold Medal of the Best Graduate to Mr. Wad Bhushan Ulhas** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in Final Year MBBS Examination of the Academic Year 2011-2016.
4. **MGMIHS Gold Medal to Mr. Wad Bhushan Ulhas** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in General Medicine in MBBS.
5. **MGMIHS Gold Medal to Mr. Wad Bhushan Ulhas** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in General Surgery in MBBS.
6. **MGMIHS Gold Medal to Mr. Wad Bhushan Ulhas** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in OBGY in MBBS.
7. **MGMIHS Gold Medal to Mr. Shenoy Aniketh Nagesh** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in Paediatrics in MBBS.
8. **MGMIHS Gold Medal to Dr. Puja S. Iyengar** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in Pathology in MD / MS Examination in Pre & Para Clinical Sciences.
9. **MGMIHS Gold Medal to Dr. Japnit Singh** from **MGM Medical College, Navi Mumbai** for securing Highest Marks in Radiology in MD / MS Examination in Clinical Sciences.
10. **MGMIHS Gold Medal to Ms. Sabiha Begam** from **MGM School of Physiotherapy, Aurangabad** for being the Best Graduate in Bachelor of Physiotherapy of the Academic Year 2012-2016.

About 8th Convocation

The Eighth Convocation held on Sunday, 14th January, 2018 at 10:00 a.m. The Guest of Honour for the eighth convocation was Shri. Kamalkishor Kadam, Founder Chancellor and Chairman, MGM Institute of Health Sciences, Navi Mumbai & Chairman, Mahatma Gandhi Mission. Dr. K. G. Narayankhedkar, Chancellor, presided over the function and conferred degrees in presence of Dr. Sudhirchandra N. Kadam, Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai. The details of the convocatees are as follows:

| Total number of Eligible Students for 8th Convocation | | | |
|--|---------------------------|-------------------|--------------|
| Course | Number of Students | | Total |
| PG Course | NM | Aurangabad | |
| Superspeciality | 2 | 1 | 3 |
| Ph.D. | 1 | 0 | 1 |
| MD | 6 | 3 | 9 |
| MS | 2 | 3 | 5 |
| PG Diploma | 1 | 0 | 1 |
| MPT | 3 | 6 | 9 |
| M.Sc. Nr. | 4 | 0 | 4 |
| M.Sc. Medical | 22 | 3 | 25 |
| Total | 41 | 16 | 57 |
| UG Course | | | |
| MBBS | 0 | 2 | 2 |
| B.Sc. (AHS) | 109 | 54 | 163 |
| BPT | 1 | 0 | 1 |
| B.Sc. Nr. | 37 | 0 | 37 |
| P.B.B.Sc. Nr. | 6 | 0 | 6 |
| Total | 153 | 56 | 209 |
| Total (UG & PG) | 194 | 72 | 266 |



LIST OF MEDALS AWARDED IN EIGHTH CONVOCATION

1. **Chancellor's Medal to Ms. Faicy M. David** from MGM New Bombay College of Nursing, Navi Mumbai for being the **"Best Graduate in Nursing"** of the Academic year **2013-17**.
2. **Chancellor's Medal to Ms. Sansare Kshama Ravindra** from MGM New Bombay College of Nursing, Navi Mumbai for being the **"Best Post Graduate in Nursing"** of the Academic year **2015-17**.
3. **Chancellor's Medal to Ms. Bharnuke Juhi Kiran** from MGM School of Physiotherapy, Navi Mumbai for being the **"Best Post Graduate in Physiotherapy"** of the Academic year **2015-17**.
4. **Chancellor's Medal to Ms. Linta Jose** from MGM School of Biomedical Sciences, Navi Mumbai for being the **"Best Graduate in Biomedical Sciences"** of the Academic year **2014-17**.
5. **Chancellor's Medal to Ms. Mali Hitali Ramesh** from MGM School of Biomedical Sciences, Navi Mumbai for being the **"Best Post Graduate in Biomedical Sciences (3 years)"** of the Academic year **2014-17**.
6. **Chancellor's Medal to Ms. Parab Pooja Vijay Vaishali** from MGM School of Biomedical Sciences, Navi Mumbai for being the **"Best Post Graduate in Biomedical Sciences (2 years)"** of the Academic year **2015-17**.

Research and Extension Activities at MGMIHS

Introduction:

Research is the foundation of knowledge that brings new energy, builds state of the art facilities, promotes research publications, develops collaborations and becomes part of active community that shares the mission objectives.

MGMIHS ensures that all the core and inter disciplines flourish in research by adopting the highest norms and standards of a scholarly undertaking. Scientific research endeavors carried out by MGMIHS faculty, staff, students, post-doctoral fellows, scholars, scientists and other employees is governed by policies and procedures that include, but not limited to, standards of conduct; conflict of interest and commitment; intellectual property; sponsored research

R&D at MGMIHS is organized into six categories:

- I. Academic Research
- II. Sponsored Research
- III. Extension and Extramural
- IV. Excellent Centers
- V. Consultancy
- VI. IPR & copyright

MGMIHS has developed various policies and resources to promote and support these high standards and commit to ensuring that our own internal processes and practices help to improve the reproducibility and rigor of the research which we fund.

Each research area is monitored by Research Directorate. The R&D board is headed by the Vice Chancellor. The Research Board takes all strategic decisions, corrective actions, preparing, updating policies as per the UGC norms. The details of all activities carried out under Research and Extension activities are given below:

1. Research Seed Money Provided to faculty and Research Scholar

| 2017-18 | | | | | |
|---------|---|-----------------------|---|--|-------------------------|
| Sr No | Name of the project | Duration of the grant | Name(s) of the teacher(s) working in the project receiving seed money | The Amount of seed money provided (INR in lakhs) | Year of Receiving grant |
| 1 | Assess the risk factors associated with myocardial Infarction among 18-45 years patients admitted in the selected hospitals of Mumbai with a view to develop an information booklet. | 1 yrs | Subhangi Jadhav | 30000 | 26.04.2017 |
| 2 | Study of chlamydial trachomatis and Chlamydia specific immune response and its association with vaginal flora patterns among women attending a tertiary care hospital in Navi Mumbai. | 3yrs | Dr A.D Urhekar , Mrinangka Deb | 25000 | 20.05.2017 |
| 3 | Payment for Patent field | 1 yrs | Dr Mansee Thakur | 84750 | 09.06.2017 |
| 4 | Payment for Patent field | 1 yrs | Dr Raman Yadav | 99105 | 30.06.2017 |
| 5 | Zebra fish lab establishment | 1 yrs | Dr Joshi (for Zebra fish lab) | 3520 | 14.07.2017 |
| 6 | Zebra fish lab establishment | 1 yrs | Dr Joshi (for Zebra fish lab) | 3520 | 15.07.2017 |
| 7 | Study of the neuronal and glial changes in human olfactory pathway with age. | 1 yrs | Dr Monali Sonawane & Dr Pravin Rathod | 50000 | 20.07.2017 |
| 8 | Studies to validate safety and understand mechanism of ayurvedic formulation raupya suvarna sootshekhar (RSS) and its therapeutic metallic ingredients used for neural development and therapy. | 2 yrs | Dr Mansee Thakur ,Smital Kulkarni | 22500 | 05.08.2017 |
| 9 | Published MGM Journal of medical Sciences | 3 months | MGM journal of Medical Science | 770000 | 17.08.2017 |
| 10 | Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens | 3 yrs | Dr Raman P Yadav, Amita Bhagit | 47913 | 21.09.2017 |
| 11 | Whole genome transcriptome analysis differential gene expression and importance blood samples test | 1yrs | Dr. Talib S H. | 149990.00 | 09.11.2017 |
| 12 | ISPCCON 2017 | 1 yrs | Dr Sidharth Varma (ISPCCON 2017) | 50000 | 10.11.2017 |
| 13 | Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens | 3 yrs | Dr Raman P Yad av, Amita Bhagit | 1770 | 14.11.2017 |
| 14 | MGM Tb detection system (DS) comparative study with standard method | 2 yrs | Dr Mansee Thakur/ Yogesh | 35933 | 23.11.2017 |

| | | | | | |
|----|---|-------|-----------------------------------|----------------|------------|
| 15 | Paper Publication charges- Indian journal of anatomy | 1yrs | Dr Kadam Savita | 5000.00 | 06.12.2017 |
| 16 | Paper Publication charges-IJMSR | 1yrs | Dr Talib S H | 2050.00 | 12.12.2017 |
| 17 | Payment for Patent field | 1 yrs | Dr Raman Yadav | 75556 | 29.12.2017 |
| 18 | Paper Publication charges- international journal | 1yrs | Dr. Talib S H. | 14286.00 | 15.03.2018 |
| 19 | Paper Publication charges- Int Jour of gynaecology | 1yrs | Dr.Y.Laxmi Rachkonda | 8000.00 | 23.03.2018 |
| 20 | Potent pancreatic lipase inhibitor from food plants and development of safer anti-obesity formulation | 1 yrs | Dr Raman P Yadav , Shweeta Mhatre | 1180 | 31.03.2018 |
| | | | Total | 1480073 | |

2. Teachers awarded national/ international fellowship / Financial support for advanced studies/ collaborative research participation in Indian and Overseas Institutions

| Sr No | Name Of Teacher Awarded National/ International Fellowship | Name Of The Award/Fellowship | Year Of Award | Year Of Award | Awarding Agency |
|----------------|--|---|---------------|--------------------------|---|
| 2017-18 | | | | | |
| 1 | Dr Laximikant Babulal Dagadiya | Spine & Spine Cord Disorders | 2017 | 29.07.2017 to 29.09.2017 | Hokkaido Medical Centre Japan |
| 2 | Dr Laximikant Babulal Dagadiya | Fellowship In Spine Surgery | 2017 | 20.11.2017 to 17.12.2017 | Helios Hospital Erfurt, Budapest |
| 3 | Dr. Shilpa Kadam | Fellowship Of American College Of Cardiology. | 2018 | 18.01.2018 | American College Of Cardiology. |
| 4 | Dr Tushar Idhate | Pediatric Hematology | 2018 | 01.02.2018 to 31.03.2018 | Guys & St Thomas |
| 5 | Dr Sandeep Rai | Fellowship In Royal College Of Physicians Of Edinburgh | 2018 | 13.03.2018 | Royal College Of Physicians Of Edinburgh |
| 6 | Dr. Darpan Kaur | Ranzcp Early Career International Fellowship | 2018 | 2018 | Melbourne, Australia |
| 7 | Dr. Darpan Kaur | Jspn Fellowship | 2018 | 2018 | Kobe, Japan 2018 |
| 8 | Dr Shivaji Pole | International Fellowship Programmed | 2018 | 28.06.2018 to 30.06.2018 | Seoul National University Hospital ,South Korea |
| 9 | Dr Prashant Udgire | Cardiology | 2018 | 2018 | European Society Of Cardiology |
| 10 | Dr. Darpan Kaur | WPA Early Career Psychiatrist International Fellowship, | 2018 | 22.06.2018 | Berlin Germany 2017 |

3. JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled

| Sr No | Name of Research fellow | Year of Enrolment | Duration of fellowship | Type of the fellowship | Granting agency | Qualifying exam |
|----------------|--|-------------------|------------------------|------------------------|-----------------|-----------------|
| 2017-18 | | | | | | |
| 1 | Pandian Muthuchitra Rajendran | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 2 | More Neha Vishnu Vaishnavi | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 3 | Abhishek Singh | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 4 | Dube Arth Nath Raghuvansh Nath | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 5 | Panikar Surya Anand Sheela | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 6 | Arunima S | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 7 | Awlegaonkar Deepa R | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 8 | Gaikwad Anita S | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 9 | Jamdar Kirti Mangesh | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 10 | Sagnali Geeta Baswaraj | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 11 | Sonali Banerjee | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 12 | Sidharth Verma | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 13 | Deore Mukesh Shaligram | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 14 | Gujar Rupali Vijay | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 15 | Mankar Madhavi Jogesh | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 16 | Kanwaljeet Kaur | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 17 | Prabhadevi Narayan | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 18 | Shinde Bhagawat Vaman | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |
| 19 | Siddiqui Saba Mohammad Hafizuddin Siddiqui | 2017 | 3 yrs | PhD | MGMIHS | MGM CET |

4. Recognition of Departments national and international agencies

| Sr No | Name of Department | Name of the Scheme | Name of the funding agency | Year of Award | Fund Provided | Duration of award |
|----------------|-------------------------------|---|----------------------------|---------------|---------------|-------------------|
| 2017-18 | | | | | | |
| 1 | MGM Hospital NM | Maya Foundation (Inga Health Foundation) NGO | NGO | 2016-17 | 4818801 | Till Date |
| 2 | Community Medicine NM | Mahatma jyotiba phule jeevandayi yojana | Govt | 2017-18 | 72264816 | Till Date |
| 3 | Community Medicine Aurangabad | Mahatma jyotiba phule jeevandayi yojana | Govt | 2017-18 | 114709615 | Till Date |

| | | | | | | |
|----|-----------------------|---|--|--------------|------------------|--------------------------------|
| 4 | Medical College | Scientific and industrial research organisation (SIRO) | | 2017-18 | NA | 01.04.2018 to 31.03.2021 |
| 5 | Pediatrics | International conference on neonatology | MCI | 2017-18 | 75000 | 12 th to 17 th sep 2017 |
| 6 | Pediatrics | International conference on neonatology | ICMR | 2017-18 | 10000 | 12 th to 17 th sep 2017 |
| 7 | Pediatrics | International conference on neonatology | UNICEF | 2017-18 | 10000 | 12 th to 17 th sep 2017 |
| 8 | Anatomy | Reginal chapter of anatomy Maharashtra | MCI | 2017-18 | 100000 | 15th -16th sep 2017 |
| 9 | Respiratory Medicine | MGM TB DR center | Zila parishad raigad | 2017-18 | NA | 15th dec 2017 to 14th nov 2020 |
| 10 | Surgery and Pathology | CME programme in Surgery and Pathology | MCI | 2017-18 | 100000 | 23rd and 24th mar 2018 |
| 11 | Pediatrics | Serum Institute of India Pvt Ltd | | 2017-18 | 50000 | Till Date |
| 12 | Biotechnology | Analysis of ECG parameters & report generation on android platform for tele & stress ECG | BRNS | 2017 | 2,402,800.00 | 2 yrs |
| 13 | Medical College | Bioethics 3T | UNESCO Chair-Haifa | 2017 | - | 1 year |
| 14 | Respiratory medicine | Study, Evaluate and analysis of MGM-TB detector system | Jt. Director of Health Services, (TB and Leprosy) Pune | 2018 | 200000 | 1 yrs |
| 15 | Physiology | A study of uses of websites in dissemination of information amongst medical practitioner practicing in multi-specialty Hospitals in Mumbai. | ICMR - STS | 2018 | 10000 | 1 yrs |
| 16 | Physiology | Comparative Study of Cardiovascular Reactivity to Isometric Hand-Grip Exercise in off springs of Hypertensive and Normotensive Parents | ICMR - STS | 2018 | 10000 | 1 yrs |
| | | | | Total | 194761032 | |

5. Grant for Research project
a. Non-Government

| Sr No | Name of the Project, Clinical Trial, Endowment, Chairs | Name of the Principal Investigator/ Co Investigator | Name of the funding agency | Department of Pricipal Investigator / Co-Inveatigator | Year of Award | Funds provided (INR in Lakhs) | Duration of Project |
|-------|--|---|---|---|---------------|-------------------------------|---------------------|
| 1 | 26 Week, Multicenter, randomized, placebo controlled, double blind, parallel group, phase 3 trial with a 26 week safety extension period evaluating the safety and efficacy of Dapagliflozin 5 and 10 mg and saxagliptin 2.5 and 5 mg in pediatric patients with type 2 diabetes mellitus who are between 10 and below 18 years of age | Dr Deepak Bhosale | Astrazeneca Pharma India Ltd | Pharmacology | 2017 | 377323 | Ongoing |
| 2 | "A 24'week, randomised, double'blind, double-dummy parallel group, multi centre, active'controlled study to evaluate efficacy and safety of remogliflozin etabonate in subjects with type'2 diabetes mellitus. | Dr Deepak Bhosale | Glenmark Pharmaceutical Ltd | Pharmacology | 2017 | 2565000 | Ongoing |
| 3 | A Study to Evaluate the Effect of Dapagliflozin on Incidence of Worsening Heart Failure or Cardiovascular Death in Patients with Chronic Heart Failure with Reduced Ejection Fraction. | Dr Prashant Udgire | Astrazeneca Pharma India Ltd | Plastic Surgery | 2017 | 6330000 | Ongoing |
| 4 | Inj- TR2SERVE :A comprehensive program to train, triage, and improve services for unintended childhood injuries in India | Dr Mahendra Setia | Grand Challenges Canada | OBGY | 2018 | 98545 | Ongoing |
| 5 | Double blind study to evaluate the long term safety and efficacy of baricitinib in adult patients with atopic dermatitis | Dr H R Jerajani | Eli Lilly Company (India) Pvt Ltd Gurgaon Haryana | Dermatology | 2018 | 2425868 | Ongoing |
| 6 | Randomized double blind placebo controlled study to evaluate the efficacy and safety of baricitinib in adult patients with moderate to severe atopic dermatitis | Dr H R Jerajani | Eli Lilly Company (India) Pvt Ltd Gurgaon Haryana | Dermatology | 2018 | 1578250 | Ongoing |
| | | | | | Total | 13374986 | |

b. Government Project

| Sr No | Name of the Project, Clinical Trial, Endowment, Chairs | Name of the Principal Investigator | Name of the Funding agency | Department of Pricipal Investigator | Year | Funds provided (INR in Lakhs) | Duration of Project |
|--------------|---|---|--|-------------------------------------|------|-------------------------------|---------------------|
| 1 | Analysis of ECG parameters & report generation on android platform for tele & stress ECG | Co PI G D Jindal | BRNS | Biotechnology | 2017 | 2,402,800.00 | 2 yrs |
| 2 | Study, Evaluate and analysis of MGM-TB detector system | Dr. P V Potdar Dr. Mansee Thakur | Jt. Director of Health Services, (TB and Leprosy) Pune | Respiratory medicine | 2018 | 200000 | 1 yrs |
| 3 | A study of uses of websites in dissemination of information amongst medical practitioner practicing in multi-specialty Hospitals in Mumbai. | Student- Mansi Ninave, Guide- Dr. Priyanka Rane | ICMR - STS | Physiology | 2018 | 10000 | 1 yrs |
| 4 | Comparative Study of Cardiovascular Reactivity to Isometric Hand-Grip Exercise in off springs of Hypertensive and Normotensive Parents | Student- Shashank Singh, Guide- Dr. Yashoda, | ICMR - STS | Physiology | 2018 | 10000 | 1 yrs |
| Total | | | | | | 2,622,800 | |

b. Awards for innovation won by institution/ teachers / research scholars/ students

| Sr No | Tital of the innovation | Name of the awardee | Name of the Awarding Agency with contact details | Category - institution / Teacher / Researchscholar/ Students |
|-------|---|-------------------------|--|--|
| 1 | Reduction in muscle activity of human walking by using an unpowered ankle exoskeleton | Dr. Triveni Shetty (PT) | MGM IHS | Teacher & PhD Scholar |
| 2 | Epidemiological data and computational prediction confirms Genetic predisposition to rotavirus infection - Role in Precision Immunization | Ms Kshitija Rane | Indian Virological Society | Research Scholor |
| 3 | MGM – Vacuum Dressing System | Mr Yogesh Patil | National sciences day on 27 th Feb 2017 MGMIHS, Navi Mumbai | JRF |
| 4 | Teaching, Research and Publicatons | Dr Sandeep Rai | Dr APJ Abdul Kalam Life time achivement national award | Teacher |

7. Details of Patents

a. Applied

| Sr No | Name of the Patenter | Patent Number | Title of the Patent | Year of Award of patent | Details of documentation proof with hard copy / scanned/ e-copies |
|-------|---|-----------------------------------|--|-------------------------|---|
| 1 | Dr.V.K.Suri, Dr.Mansee Thakur, Dr. Santosh Narayan Khedkar, Mr.Indra Vijay Singh , Dr.NakkaMuralidhara Rao, Mr.YogeshPatil, Dr.SudhirchandraKadam (MGMIHS, MGM CET) | 201721023124 | Sensor Based Inflatable Device | 30/06/2017 | Applied |
| 2 | Dr Rajani Mullerpatan, Amit Maurya,Bhallamudi Ravi,Ghyar Rupesh | 1431/MUM/2015 | A Device for Measurement of properties of a body part | 7/4/2017 | Applied |
| 3 | NishantKathpal, GhyarRupesh,ChetanPakhare,Y ashGupte,BhallamudiRavi,Mull erpatanRajani | 20182100 5692 | A Device For Screening of A Diabetic Foot | 5/2/2018 | Applied |
| 4 | YADAV,Raman Prasad, KADAM, Sudhirchandra Nanasaheb, KADAM, Nitin Nanasaheb, BHAGIT, Amita Anant. | Application No. PCT/IN2018/050688 | Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen. | Oct 2018 (Field Date) | Filed |

b. Published

| Sr No | Name of the Patenter/Copyright awardee | Patent Number/Copyright Number | Title of the patent/Copyright | Year patent was awarded/ published | Published/ Awarded |
|----------------|---|--------------------------------|---|------------------------------------|--------------------|
| 2017-18 | | | | | |
| 1 | YADAV, Raman Prasad, KADAM, Sudhirchandra Nanasaheb, KADAM, Nitin Nanasaheb, BHAGIT, Amita Anant. | 201721040727A | Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen | 1/12/2017 | Published |

c. Copy right

| Sr No | Name of the Patenter/ Copyright awardee | Copyright Number | Title of the patent/Copyright | Year of Award of patent | Published/ Awarded |
|-------|---|------------------|--|-------------------------|--------------------|
| 1 | Bela Agarwal and Rajani Mullerpatan | L-76907/2018 | MGM Ground Level Activity Exposure Questionnaire | 27/7/2018 | Published |
| 2 | Mansee Thakur, Navmi Dayal | 10843/2018-CO/L | Histological and Bioaccumulation Evaluation of Gold Nanoparticles in Gonads of ZebraFish (Danio Rerio) | 28/07/2018 | Published |
| 3 | Mansee Thakur , Himanshu Gupta | 10841/2018-CO | Characterization and Toxicity Assessment of Homeopathy Drugs in Zebra fish Embryos | 28/07/2018 | Published |

8. Books/ Chapters in edited volumes published by teachers

| Sr No | Name of Teacher | Title of book/ chapters published | National/ International | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher | Details of documentation proof with hard copy / scanned/ e-copies |
|-------|---|--|-------------------------|---|--|--|---|
| 1 | Iyer J, Pathak J, Patel S | Micronuclei in oral and urothelial cells associated with tobacco habits. | National | ISBN: 978-3-330-04205-6. | MGMIHS | Lambert Publication Germany 2017 | Yes |
| 2 | Hosalkar R, Patel S, Pathak J. | Vascular Anomalies: Tumours & Malformation. | National | ISBN: 978-3-330-05778-4. | MGMIHS | Lambert Publication Germany | Yes |
| 3 | Suman R K, Ray Mohanty I, Deshmukh Y A. | The Drug Utilization Study. | National | (ISBN 9789380206813) | MGMIHS | New Delhi: CBS Publishers & Distributors | Yes |
| 4 | Colaco P. | Atlas of Growth and Endocrine Disorders in Children. | National | (ISBN-10:9386322803,ISBN-13:978-9386322807) | MGMIHS | New Dehli: Jaypee Brothers Medical Publishers Private Limited. | Yes |
| 5 | Rahul Kadam. | Calcar Femorale: Injuries and Management Modalitie: | National | (ISBN-10: 6202054417, ISBN-13: 978-6202054416) | MGMIHS | LAP LAMBERT Academic Publishing | Yes |

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|----|--|---|----------|--------------------------|--------|-----------------------------------|-----|
| 6 | Dr. Deepak Bhosle | Practical Pharmacology for Undergraduates | National | 978-93-83794-01-0 | MGMIHS | Bhalani Publoishers | Yes |
| 7 | Dr. S. H. Tali b | Essentials in Respiratory Medicine | National | ISBN- 978-81-921480-6-9 | MGMIHS | S.R.Health Sciences Pvt.Ltd | Yes |
| 8 | Himanshu Gupta, Mansee Thakur, Dipty Singh | Reproductive toxicity assessment of gold and slver nanoparticle | National | ISBN-978-61-383399-4-6 | MGMIHS | Lambert | Yes |
| 9 | Mhatre V and Pathak J. | Verruco papillary lesions of oral cavity. | National | ISBN: 978-613-8-18498-0. | MGMIHS | Lambert Publication Germany 2018. | Yes |
| 10 | Dr. Mangesh Panat | Paath Kambardukhi Ani Sampurna Upchar | National | ISBN: 9789352201136 | MGMIHS | Saket Prakashan | Yes |

9. Papers in National/International conference-proceedings published by the teachers

| Sr No | Name of Author | Title of the proceedings of the conference | Name of the conference | National/ International | Affiliating Institute at the time of publication |
|-------|------------------------|--|---|-------------------------|--|
| 1 | Dr. Rajani Mullerpatan | Gait Kinematics in Indian classcial Bharatanatyam dancers | International Society of Biomechanics, Brisbane | International | MGMIHS |
| 2 | Dr. Bela Agarwal | Spine and lowe extremity kinematics of suryanamaskar | International Society of Biomechanics, Brisbane | International | MGMIHS |
| 3 | Dr. Triveni Shetty | Evaluation of joint angles and net joint moments in rope jumping | International Society of Biomechanics, Brisbane | International | MGMIHS |
| 4 | Dr. Rajani Mullerpatan | Gait and CP Child: Gait And Its Multidimensional Challenges In Children With Motor Disorders | Society of Indian Physiotherapists, Kolkatta | National | MGMIHS |
| 5 | Dr. Rajani Mullerpatan | Biomechanical exploration of movements: Clinical implications for | Society of Indian Physiotherapists, Kolkatta | National | MGMIHS |
| 6 | Dr. Rajani Mullerpatan | Diabetic Neuropathy: Implication on foot structure and function | FootCon, Mumbai | National | MGMIHS |
| 7 | Mohammad Nasim | Detection of extended spectrum b lactomase & AMPC in clinical isolate of klebsilla species | 41th MICROCON 2017 | National | MGMIHS |
| 8 | Dr Neha Singh | Clinical microbiological study of rubella in pregnant female with bad obstractic history (BDH) | 41th MICROCON 2017 | National | MGMIHS |

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| 9 | Apoorva Srivastava | Isolation and characterization of multidrug resistant bacterial pathogens in treated waste water from hospital sewage treatment plant | 41th MICROCON 2017 | National | MGMIHS |
| 10 | Dr. Rajani Mullerpatan | Contribution of Physiotherapy to address India's burden of non communicable diseases | National Physiotherapy Conference, Punjab | National | MGMIHS |
| 11 | Almas Khan | Study of high Aminoglycosides resistance among Entococci in a tertiary care center | 41th MICROCON 2017 | National | MGMIHS |
| 12 | Madhulika Bansal | Role of increase in C reactive protein and thrombocytopenia as early indicators of neonatal sepsis in a tertiary care hospital | MICROCON 2018 | National | MGMIHS |
| 13 | Samant SA, Madhulika Bansal, Singh Swikriti, Urhekar AD | Extended spectrum beta lactamase detection in gram negative bacilli from various clinical isolate | MICROCON 2018 | National | MGMIHS |
| 14 | Samant SA, Madhulika Bansal, Singh Swikriti, Urhekar AD | Phenotypic detection of carbapenemase production in gram negative bacteria by modified hodge test | MICROCON 2018 | National | MGMIHS |
| 15 | Harpriya Kar , Pradnya Samant , AD Urhekar | Importance of Gene Xpert in diagnosis of MDR Tuberculosis | MAHAMICROCON 2018 | National | MGMIHS |
| 16 | Samant SA, Aakruti Kurade | A Spectrum of ESKAPE pathogens isolated from ICU and its antimicrobial resistance pattern in a tertiary care hospital | MAHAMICROCON 2018 | National | MGMIHS |
| 17 | Abhishek Singh , Hodiwal A, Kar H, Mohammad Nasim | Study of oral candidiasis in HIV/AIDS patients and its antifungal susceptibility pattern | MAHAMICROCON 2018 | National | MGMIHS |
| 18 | Ankita , Hodiwala A, Samant SA, Ravi Vashist, Pradnya Samant | Comparison of acidometric method and clover leaf method for detection of beta lactamase in staphylococcus aureus | MAHAMICROCON 2018 | National | MGMIHS |
| 19 | Neha Singh, Sharvari Samant | Prevalence of bacterial colonization at intensive care unit admission with special reference to ESBL and MBL producing gram negative bacteria | MAHAMICROCON 2018 | National | MGMIHS |
| 20 | Siddharth P. Dubhashi, G. S. Narshetty | Btast Tuberculosis | National Conference - Surgipath 2018 | National | MGMIHS |

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| 21 | DR. Ujwala Maheshwari | Lab Automation with vision | National Conference - Surgipath 2018 | National | MGMIHS |
| 22 | Dr. Shilpi Sahu | Histopathology Report - tug of war between surgeon and pathologist | National Conference - Surgipath 2018 | National | MGMIHS |
| 23 | Dr. Manisha Tambekar | A Mwmoir of Tissue B iopsy | National Conference - Surgipath 2018 | National | MGMIHS |
| 24 | Dr. Reeta Dhar | Comparison of four histochemical satining technieues in gastric biopsies for the detection of H. pylori. | National Conference - Surgipath 2018 | National | MGMIHS |
| 25 | Dr Mini Mol, Dr Mansee Thakur | Strengthening allied health sciences courses through -Relevant curriculum design and evaluation | curriculum design and evaluation | National | MGMIHS |
| 26 | Sneha Malwatkar, Chitra Nair, Smital Kulkarni, Mansee Hakur | Phytochemical screening of selected plant species by using raft based hydroponic system | BIOINNOVA 2018, National conference on food nutrition and healthcare | National | MGMIHS |
| 27 | Rosy Lalthangzovi, Yogesh Patil Akshay Adsare, Akshata Rakshe, Mansee Thakur, Servari Samantgirish Pai | PCR based identification of extended spectrum B lactamase (Esb1) producing E coli & their antibiotic resistance profiles | BIOINNOVA 2018, National conference on food nutrition and healthcare | National | MGMIHS |
| 28 | Rosy Lalthangzovi, Yogesh Patil Akshay Adsare, Akshata Rakshe, Mansee Thakur, Servari Samantgirish Pai | Comparative analysis of conventional & real time PCR of IS6110 gene with Afb Zn staining, culture method and Gene Xpert assay for the diagnosis of mycobacterium tuberculosis complex | BIOINNOVA 2018, National conference on food nutrition and healthcare | National | MGMIHS |
| 29 | Rosy Lalthangzovi, Yogesh Patil Akshay Adsare, Akshata Rakshe, Mansee Thakur, Servari Samantgirish Pai | Rapid detection of S aureu directly from parents clinical specimens by conventional and real time PCR ,comparison with gold stanard culture method | BIOINNOVA 2018, National conference on food nutrition and healthcare | National | MGMIHS |

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|----|---|---|--|---------------|--------|
| 30 | Smital Kulkarni , Mansee Thakur | A green approach to develop Iron nano formulations and its toxicity assay | BIOINNOVA 2018, National conference on food nutrition and healthcare | National | MGMIHS |
| 31 | Dr Mansee Thakur | Zebrafish as a vertebrate model for investing reproductive toxicity | International meting on Non mammalian models in biomedical research current states and future prespectives | International | MGMIHS |
| 32 | Himanshu Gupta and Dr Mansee Thakur | Characterization and toxicity assesments of homeopathy drugs in zebrafish embryos | International meting on Non mammalian models in biomedical research current states and future prespectives | International | MGMIHS |
| 33 | Akshata Rakshe, Chitra Nair , Navami Dayal, Mansee Thakur | Histological & bioaccumulation of gold nanoparticles in gonads of zebrafish (Danio rerio) | International meting on Non mammalian models in biomedical research current states and future prespectives | International | MGMIHS |
| 34 | Shrushti Wagh, Sneha Malwatkar, Navmi Dayal, Girish Pai | Studies on biodistribution of gold nanoparticles using male zebrafish (Danio rerio) as a vertebrate model system | International meting on Non mammalian models in biomedical research current states and future prespectives | International | MGMIHS |
| 35 | Dr Z G Badade | Research , Innovations and Extension | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 36 | Dr Parineeta Samant | Doctor Patient relation- Hidden curriculum | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 37 | Dr. Mansee Thakur | Redesigning A Competency - Based Syllabuus Of Paramedical Courses: Implementing Choice Based Credit Based System (Cbcs) | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 38 | Dr. Mamta S. Shetty (PT) | Importance Of Feedback In Teaching Learning Process | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 39 | Siddharth P. Dubhashi | The Hidden Curriculum | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |

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| 40 | Siddharth P. Dubhashi , G.S. Narshetty | Cultural Competence in Medical Education | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 41 | Dr Kuldip R Salgotra | Patient Safety, Students' Perspective | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 42 | Dr Jaishree Ghanekar | Feedback in clinical setting- Review of literature | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 43 | Dr. Siddharth S. Mishra (PT) | Teaching is an Art or Science? | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 44 | Dr. Seema Anjenaya | Student-Centric Teaching Strategies | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 45 | Dr. R. S. Inamdar | Student Support | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 46 | Anshruta Raodeo | Access for Healthcare-The Scene in India | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 47 | Dr. Siddharth S. Mishra | Effectiveness of Simulation Based Teaching (SBT) on learning Domains for Traumatic Brain Injury topic framed for final year BPT students. | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 48 | Dr. Yashoda R Kattimani, Dr. Rita M Khadkikar, Dr. Mahantayya V Math, Dr R S Inamdar, | Use of Social media as teaching learning tool in physiology for first MBBS students | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |
| 49 | Sharad B. Pandit, Dr. B. G. Boricha, Dr. Anuradha N. Mhaske | Simulation-Based Training: Tool for Teaching & Evaluation in Nursing. | National conference on Quality Benchmarks in helath Science Education | National | MGMIHS |

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| 49 | Sharad B. Pandit, Dr. B. G. Boricha, Dr. Anuradha N. Mhaske | Simulation-Based Training: Tool for Teaching & Evaluation in Nursing. | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 50 | Priyanka R Rane, Yashoda Kattimani, Manjusha P, Koushiki mani, Madhur Rai, Rita Khadkikar , Math M.V, R.S. Inamdar | Early Clinical Exposure as a learning tool in st 1 MBBS students. | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 51 | Dr Vijaya Krishnan, Dr Vrushali Panhale | Attitudes of Physiotherapy Students towards learning Communication skills | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 52 | Dr Prachita Walankar , Dr Vrushali Panhale | Assessment for self-directed learning skills among undergraduate Physiotherapy students. | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 53 | Dr Shruti Nair, Vrushali Panhale, Nithin Nair | Perceived Barriers to Evidence Based Practice (EBP) among Post-graduate Physiotherapy Students of Mumbai. | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 54 | Dr. Koushiki Mani, Dr. Rita Khadkikar, Dr. Yashoda Kattimani, Dr. M.V. Math, Dr. Ravindra Inamdar, Dr. Priyanka Rane, Dr. Madhur Rai, Dr. Manjusha Padhye, Mr. Santosh Sah | E-Learning in Medical Education – A Novel Approach | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 55 | Dr Manjusha Padhye | Knowledge and awareness study about Universal Safety Precautions among 1st M.B.B.S, students | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |
| 56 | Dr Talatnoor Sheikh, Dr. Asmita Desai, Dr Rakesh D, Dr. Shilpi Sahu, Dr. Recta Dhar | Student Led Objective Tutorials | National conference on Quality Benchmarks in Health Science Education | National | MGMIHS |

10. Consultancy Details

| Sr No | Name Of The Consultant | Name of the Advisory /R&D consultancy/ clinical trial project | Consulting / Sponsoring Agency With Contact Details | Revenue Generated (Inr In Lakhs) |
|-------|--------------------------------|---|---|----------------------------------|
| 1 | MGM Medical college & Hospital | Medical Health Check Up | MGM CBD Hospital | 960857 |
| 2 | MGM Medical college & Hospital | Medical Health Check Up | AHF | 2879570 |
| 3 | MGM Medical college & Hospital | Medical Health Check Up | Mgm Medical College And Dr. Baba Saheb Ambedkar Hospital, Khopoli | 106495 |
| 4 | MGM Medical college & Hospital | Medical Health Check Up | MGM CHMS | 106650 |
| 5 | MGM Medical college & Hospital | Medical Health Check Up Facility For Employees & Spouse | Employees' Provident Fund Organization | 20,800 |
| 6 | MGM Medical college & Hospital | Pre-Employment Check-Up Services | Can-Pak India Private Ltd. H-14/1, Mide, Waluj, Aurangabad | 17,595 |
| 7 | MGM Medical college & Hospital | Annual Medical Check-Up | Mylan Laboratories Ltd.Fdf Unit-2, H-12 & H-13, Mide Waluj, Aurangabad | 639314 |
| 8 | MGM Medical college & Hospital | Medical Health Check Up | Maya Foundation(Inga Health Foundation) | 3194350 |
| 9 | MGM Medical college & Hospital | Ethical Committee Consultation | Macleods, Cipla, Glenmark, Astrazeneka, Pra, Lupin, Alchem, Ipca, Quest | 440000 |
| 10 | MGM Medical college & Hospital | Ethical Committee Consultation | Astrazeneka, Pra, Sanofi | 80000 |
| 11 | MGM Medical college & Hospital | Medical Health Check Up | Jyotish care center | 2302710 |
| | | | | 10748341 |

11. Extension and outreach activities conducted in collaboration with industry, community, Government and Non- Governmental Organisations

| S. No. | Name of The Activity | Organising Unit/ Agency/ Collaborating Agency |
|--------|--|---|
| 1 | 168 HEALTH CAMP Khalapur, Uran, Navi Mumbai, Panvel, Karjat, Pen | Khopoli Outreach Programme, UHTC, RHTC, MJPJAY |
| 2 | Blood donation camp | Anglo Eastern, Karjat |
| 3 | Blood donation camp | Rotary Club, Nerul |
| 4 | Blood donation camp | Rotary club, Panvel |
| 5 | Blood donation camp | Shiv Mandir, Kharghar |
| 6 | Blood donation camp | Reliance Company Patalganga |
| 7 | Blood donation camp | R.J.P. School, Kambe & Ppress Reporter Utkarsh Samiti |
| 8 | Blood donation camp | Cipla Company, Patalganga |
| 9 | Blood donation camp | HPCL, Turbhe |
| 10 | Blood donation camp | Kutch Yuvak Sangh, Vashi |
| 11 | Blood donation camp | Ankur Clinic, Rasayani |
| 12 | Blood donation camp | Kutch Yuvak Sangh, Panvel |
| 13 | Blood donation camp | Servi Samaj Kalamboli |
| 14 | Blood donation camp | A.P.M.C., Polic Thane, Karanjade |
| 15 | Blood donation camp | Aadarsh Mitra Mandal, Chowk |
| 16 | Blood donation camp | Kutch Yuvak Sangh, Pen |
| 17 | Blood donation camp | JSM Mitra Mandal, CBD |
| 18 | Blood donation camp | Kutch YuVAK Sangh, Panvel |
| 19 | Blood donation camp | Yuva Ganesh Utsav Mandal, Vashi |
| 20 | Blood donation camp | Tarun Mitra Mandal Dombivali |
| 21 | Blood donation camp | Blue Dart Exp. Ltd, Panvel |
| 22 | Blood donation camp | Fatima Banu Hospital, Nhava |
| 23 | Blood donation camp | Jai Bhavani Mandir, Kalamboli |
| 24 | Blood donation camp | DHL, Exp. Pvt., Ltd, Koperkhairane |
| 25 | Blood donation camp | Bangali Taru Foundation, Koperkhairane |
| 26 | Blood donation camp | Malyali Association, Panvel |
| 27 | Blood donation camp | Kundhe Gaon, Pen |
| 28 | Blood donation camp | MGM Management College, Kamothe |
| 29 | Blood donation camp | Shikom Mandal |
| 30 | Blood donation camp | Yuva Brigade |
| 31 | Blood donation camp | Vishwa Hindu Parishad |
| 32 | Blood donation camp | Carmel School |
| 33 | Blood donation camp | Ganesh Mandal |

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| 34 | Blood donation camp | Kutch Yuval Sangh Panvel |
| 35 | Blood donation camp | Rabale Police Station |
| 36 | Blood donation camp | Vishwa Hindu Parishad & Bajarang Dal, Taloja |
| 37 | Blood donation camp | Kutch Yuvak Sangh, Vashi |
| 38 | Blood donation camp | HDFC & ITM Panvel |
| 39 | Blood donation camp | Vishwa Hindu Parishad & Bajarang Dal, Poyanje |
| 40 | Blood donation camp | Chroma Cvompany, Kharghar |
| 41 | Blood donation camp | ONGC, Panvel |
| 42 | Blood donation camp | Reliance Patalganga |
| 43 | Blood Donation Camp | Nss |
| 44 | Blood donation camp | SIES Collefge Campus |
| 45 | Blood donation camp | Dadar Pengaon |
| 46 | Blood donation camp | ONGC ,Uran |
| 47 | Blood donation camp | MGM Dental College, Kamothe |
| 48 | Blood donation camp | Ganpati Mandal Pali |
| 49 | Blood donation camp | KYS & Builder Association, Vashi |
| 50 | Blood donation camp | HI-Tech Carbon Patalganga |
| 51 | Blood donation camp | Hikal Company Taloja |
| 52 | Blood donation camp | AWFIS Group Vashi |
| 53 | Blood donation camp | Shiv Jayanti Chowk |
| 54 | Blood donation camp | Shivjayanti Pen |
| 55 | Blood donation camp | Ramsheth Thakur College, Kharghar |
| 56 | Blood donation camp | Poynadgaon, Alibag |
| 57 | Blood donation camp | Ultra tech Cement, JNPT |
| 58 | Blood donation camp | ReciticeI IndiPvt, Ltd Taloja |
| 59 | Blood donation camp | Milon Company Taloja |
| 60 | Blood donation camp | Hindalco Company, Taloja |
| 61 | Blood donation camp | Church, Kalamboli |
| 62 | Blood donation camp | Jain Mandir Poynad |
| 63 | Blood donation camp | Neelkanth Society, Vichumbe |
| 64 | Blood donation camp | Kutch Yuvak Sangh, Vashi |
| 65 | Blood donation camp | Adaigaon, Panvel |
| 66 | Blood donation camp | Kutch Yuvak Sangh, Panvel |
| 67 | Blood donation camp | Mangaleshwarimata,Kalamboli |
| 68 | Blood donation camp | Kutch yuvak pen |
| 69 | Blood donation camp | Tarun mitra mandal dombivali |
| 70 | Blood donation camp | BCCI Cement kalamboli |

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| 71 | Blood donation camp | Janata raja mitra mandal |
| 72 | Blood donation camp | Amarnath industries, amarnath |
| 73 | Blood donation camp | central industrial security force |
| 74 | Blood donation camp | Bank of baroda |
| 75 | Blood donation camp | Anglo eastern , karjat |
| 76 | Blood donation camp | Rapid action force , taloja |
| 77 | Blood donation camp | cipla company, Patalganga |
| 78 | Blood donation camp | rotaract club |
| 79 | Blood donation camp | kutch yuvak pen |
| 80 | Blood donation camp | doctors association rasayani |
| 81 | Blood donation camp | Reliance company , patalganga |
| 82 | Blood donation camp | Hplc ,company , turbhe |
| 83 | Blood donation camp | Shiv Mandir Kharghar |
| 84 | Blood donation camp | jagadguri swami mohapada |
| 85 | Blood donation camp | kutch yuvak vashi |
| 86 | Blood donation camp | Parle biscuit, rasayani |
| 87 | Blood donation camp | Kutch yuvak panvel |
| 88 | Blood donation camp | Kutch yuvak kamothe |
| 89 | Blood donation camp | Navi Mumbai CBD |
| 90 | International yoga day celebration | Nursing college collaboration with MGM university |
| 91 | Swachh barath abhiyan, swachhata pakhwada- Cleanliness drive visit to orphanage and government hospital , Health education to housekeeping staffs, Essay writing and elocation. | Nursing college collaboration with MGM university |
| 92 | Gender issue awareness- Gender champion debate competition | Nursing college collaboration with MGM university |
| 93 | Swachh Bharat Pakhawada - Postar Presentation | MGMBPO |
| 94 | Health Check-Up Camp At Gewrai Distt. Beed | NSS |
| 95 | Multidiagnostic Camp At Kalimata Mandir Kannad | MGM Hospital, Aurangabad & Kalimata Sansthan Kaannad |
| 96 | Multidiagnostic Camp At Kaygaon Aurangabad | MGM Hospital, Aurangabad & Kaygaon Grampanchayat |
| 97 | Multidiagnostic Camp At Garkheda Vibhagiya Krida Sankul | MGM Mch Aurangabad |
| 98 | Multidiagnostic Camp At Marathwada Vidyapeth Aurangabad | MGM Hospital, Aurangabad & Marathwada Vidyapeth Abad |
| 99 | Multidiagnostic Camp At Corporation Town Hall Aurangabad | MGM Hospital, Aurangabad & Muncipal Corpration |

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| 100 | Multidiagnostic Camp At Mahila Arogya Shibir | MGM Hospital, Aurangabad & Mahila Bachat Gut |
| 101 | Multidiagnostic Camp At Zalta Aurangabad | MGM Hospital, Aurangabad & Zalta Mitra Mandal |
| 102 | Multidiagnostic Camp At Paithan | MGM Hospital, Aurangabad & Sant Dnyaneshawar Prasadalya Paithan |
| 103 | Multidiagnostic Camp At Mahila Arogya Shibir Naregaon | MGM Mch & Naregaon Grampanchayat |
| 104 | Multidiagnostic Camp At Phc Warud Kazi | MGM Mch Aurangabad & Phc Warud Kazi |
| 105 | Multidiagnostic Camp At Ambedkar Nagar Aurangabad | MGM Mch Aurangabad & Dalit Sangh Aurangabad |
| 106 | Multidiagnostic Camp At Borsar, Aurangabad | MGM Mch & Kannad Welfare Society |
| 107 | Multidiagnostic Camp At Sultanpur Aurangabad | MGM Mch Aurangabad & Gram Panchayat Sultanpur |
| 108 | Multidiagnostic Camp At Karmad | MGM Mch Aurangabad & Kapad Vyapari Association Karmad |
| 109 | Multidiagnostic Camp At Gavalli Shivra, Gangapur | MGM Mch Aurangabad |
| 110 | Multidiagnostic Camp At Bajrang Chowk Aurangabad | MGM Mch Aurangabad & Riksha Chalak Malak Sangh Aurangabad |
| 111 | Multidiagnostic Camp At Borgaon Abad | MGM Mch Aurangabad & Borgaon Gram Panchayat |
| 112 | Multidiagnostic Camp At Kanjugheda Kannad | MGM Mch Aurangabad & Kanjugheda Gram Panchayat Aurangabad |
| 113 | Multidiagnostic Camp At Jambhala Gangapur | MGM Mch Aurangabad & Gangapur Grampanchayt |
| 114 | Multidiagnostic Camp At Bhakta Niwas Khultabad | MGM Mch & Bhadra Maruti Sansthan, Khultabad |
| 115 | Multidiagnostic Camp At Jambhali Paithan | MGM Mch Aurangabad & Jambhali Grampanchayt Abad |
| 116 | Multidiagnostic Camp At Phulambri | MGM Mch Abad & Phulambri Grampanchayt |
| 117 | Multidiagnostic Camp At Kankori Pch | Mahatma Jyotiba Phule Jan Arogya Yojana & Mgm Mch |
| 118 | Multidiagnostic Camp At Nimbayati Soagaon | Mahatma Jyotiba Phule Jan Arogya Yojana & Mgm Mch |
| 119 | Multidiagnostic Camp At Sub District Hospital Selu | Rastrwadi Congress Party Selu & Mgm Mch Abad |
| 120 | Multidiagnostic Camp At Nagamthan Vaijapur | Mahatma Jyotiba Phule Jan Arogya Yojana & Mgm Mch |
| 121 | Multidiagnostic Camp At Pisadevi Aurangabad | Mahatma Jyotiba Phule Jan Arogya Yojana & Mgm Mch |
| 122 | Multidiagnostic Camp At Golatgaon | Golatgaon Gram Panchayt & Mgm Mch Abad |

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| 123 | Multidiagnostic Camp At Pimpri Bk | Mahatma Jyotiba Phule Jan Arogya Yojana & Mgm Mch |
| 124 | Multidiagnostic Camp At Janephal Vaijapur | Mahatma Jyotiba Phule Jan Arogya Yojana & Mgm Mch |
| 125 | Multidiagnostic Camp At Phc Warud Kazi | Warud Kazi Phc & Mgm Mch Aurangabad |
| 126 | Multidiagnostic Camp At Lasur Station | Mohfw & Mgm Mch Aurangabad |
| 127 | Multidiagnostic Camp At Mgm Opd Abad | Mgm Mch Aurangabad & Shri Sharadchandra Pawar Saheb |
| 128 | 7 times School Health Checkup | MGM MCH Aurangabad, |
| 129 | 3 times School Health Checkup | Kid It World Pre Primary English School |
| 130 | School Health Checkup | Mgm Sanskar Vidyalaya Waluj |
| 131 | School Health Checkup | Mgm Clover Dale School |
| 132 | School Health Checkup | Bsgm School Checkup |
| 133 | School Health Checkup | Gaikwad Pre Primary Ulkanagari |
| 134 | School Health Checkup | Gaikwad Global School |
| 135 | Multidiagnostic Camp At Sillod | Hon Abdul Sattar Mla Sillod |
| 136 | Multidiagnostic Camp At Zp High School Hiradpuri Paithan | Mpjay & Department Of Community Medicine |
| 137 | Multidiagnostic Camp At Pimpelner | Vishav Manav Ruhani Kendra Pimpelner & Dept Of Comm. Medicine |
| 138 | Health Check-Up Camp At Nursing College | Community Medicine & Mgm Nursing College |
| 139 | Multidiagnostic Camp At Balapur Aurangabad | Guru Prasad Nagar Balapur Aurangabad |
| 140 | Multidiagnostic Camp At Babra Aurangabad | Zp Health Dept & Gebbs Foundation Mumbai & Dept Of Community Medicine |
| 141 | Multidiagnostic Camp At Grampanchayat Kumbephal | Zp Health Dept & Gebbs Foundation Mumbai & Dept Of Community Medicine |
| 142 | Multidiagnostic Camp At Pachod | Mpjay & Department Of Community Medicine |
| 143 | Multidiagnostic Camp At Jatwada | Mpjay & Department Of Community Medicine |
| 144 | Multidiagnostic Camp Atmahadev Mandir Hatmali | Mgm & Nss |
| 145 | Multidiagnostic Camp At Karmad | Mpjay & Department Of Community Medicine |
| 146 | Multidiagnostic Camp At Gadiwat | Mpjay & Department Of Community Medicine |
| 147 | General Health Checkup At G Y Pathrikar College Aurangabad | G Y Pathrikar & Mgm Medical College Aurangabad |

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| 148 | Sarva Rog Nidan Shibir Paithan | Nath Pratisthan |
| 149 | Multidiagnostic Camp At Pachod Budruk | Mpjay & Department Of Community Medicine |
| 150 | Multidiagnostic Camp At Dutt Mandir Cidco | Department Of Community Medicine |
| 151 | Multi Diagnostic Camp At Gadhe Pimpalgaon Vaijapur | Mpjay & Department Of Community Medicine |
| 152 | Multidignostic Camp Mondha Naka Aurangabad | Vahatuk Shaka Head Office Mondha Naka |
| 153 | General Health Checkup At Bamu Campus | Ashwamedh Intersports Competition |
| 154 | General Health Checkup At Sspm Aurangabad | Sahayadri Shikshan Prasarak Mandal Aurangabad |
| 155 | School Health Checkup | Modern English School Jubilee Park |
| 156 | School Health Checkup | Vidya Aranyam Gandheli Auranagabd |
| 157 | School Health Checkup | Clover Dale Auranagabad |
| 158 | School Health Checkup | First Step School Auranagabad |
| 159 | School Health Checkup | Stepping Stones Sawangi Aura nagabd |
| 160 | School Health Checkup | Sanskar Balak Mandir A'bad |
| 161 | School Health Checkup | Mgm School Padegaon |

12. Awards & Recognition received for extension activities from Recognised bodies

| Sr No | Name of the activity | Name of the award/ recognition | Name of the awarding government/ recognised bodies |
|-------|--|-------------------------------------|--|
| 1 | All India critical care Hospital ranking survey | Times Health Serve , Times of India | Rating of various specialities at MGM Hospitals A Survey By Times Health |
| 2 | Health Check-up Camp | Appreciation Letter | Grampanchayat Sawle. |
| 3 | Appreciation for Participating in organ donation Programm & saving life of patient suffering from end stage of disease | Appreciation award | Rational and /State oragan & Tissue transplantation organization |
| 4 | Lecture Om Breast Cancer | Appreciation Letter | Om Yog and Pranayam Centre, New Panvel |
| 5 | Lecture On Anemia, Vitamin D and B12 | Appreciation Letter | Om Yog and Pranayam Centre, New Panvel |
| 6 | School Health Check-Up | Appreciation Letter | Stepping Stone School, Sawangi |
| 7 | Lecture On Health & Hygiene | Appreciation Letter | Jawaharlal Nehru Engineering College |
| 8 | Lecture On "How To Maintain Hygiene And Health" | Appreciation Letter | Shri Saraswati Bhuvan Vidyalaya, Wadodbajar |

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|----|---|---------------------|--|
| 9 | Participation In State Joint Conference Of Iapsm & Ipha 2017 | Appreciation Letter | 18th Maharashtra State Joint Conference Of Iapsm & Ipha |
| 10 | Medical Check-Up Camp | Appreciation Letter | Bhadra Maruti Sansthan |
| 11 | Medical Check-Up Camp | Appreciation Letter | Bhartiya Samaj Seva Kendra |
| 12 | School Health Check-Up | Appreciation Letter | Clover Dale School |
| 13 | School Health Check-Up | Appreciation Letter | Kid's It World,Baijipura |
| 14 | School Health Check-Up | Appreciation Letter | Kid's It World,Jinsi |
| 15 | School Health Check-Up | Appreciation Letter | Kid's It World,Nutan Colony |
| 16 | Plastic Surgery Camp | Appreciation Letter | Lion's Club, Aurangabad |
| 17 | School Health Check-Up | Appreciation Letter | Rose Bud School |
| 18 | School Health Check-Up | Appreciation Letter | Sanskar Balak Mandir Jadhavwadi |
| 19 | School Health Check-Up | Appreciation Letter | Sanskar Balak Mandir, Mayur Park |
| 20 | Medical mission Rahat 2017 | | Rotary Inter- Madhya Pradesh |
| 21 | RGJAY Health Camp | Appreciation Letter | Kasu |
| 22 | MPASC College Check-up | Appreciation Letter | MPASC College Panvel |
| 23 | Breast feeding week celebration | Appreciation Letter | Bhanuben Pravin Shah Madhyamik and Uchcha Madhyamik Vidyalaya , Tara |
| 24 | Health talk given to girl children on puberty and menstruation | Appreciation Letter | MGM School, Nerul |
| 25 | IEC Activity on “ Personal Hygiene and Hand Washing | Appreciation Letter | People's Education Primary School |
| 26 | IEC Activity for Community People, Multi-diagnostic camp, Appreciation Letter | Appreciation Letter | Grant Road (W),Mumbai |
| 27 | IEC Activity, Multi-diagnostic Camp. | Appreciation Letter | Gram Panchayat,Barapada Post, Bhandanwadi,Panvel, Dist. Raigad |
| 28 | Medical Camp at Global Health Foundation | Appreciation Letter | Adai,Panvel |
| 29 | School Health Camp | Appreciation Letter | Bhanuben Pravin Shah Madhyamik and Uchcha Madhyamik Vidyalaya , Tara |
| 30 | Medical Examination At School | Appreciation Letter | MGM Primary & Secondary School,Nerul |
| 31 | Health Checkup Camp For School Children | Appreciation Letter | P.S.O. primary School, Sect. 8, CBD, Navi Mumbai |
| 32 | Free Health Check Up Camp | Appreciation Letter | MGM Hospital, CBD belapur |

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|----|--|---------------------|--|
| 33 | Medical Health Camp | Appreciation Letter | Navyuvak Mitra Mandal, Karanjtep-Kasu, Pen, Dist. Raigad |
| 34 | Police Camp,Thane | Appreciation Letter | Police Camp,Thane |
| 35 | Received National Award for Public Awareness of Anesthesia by ISA INDIA 2017 | Appreciation Letter | ISA INDIA 2017 |
| 36 | “Nation Builder Award 2017 - 18” by Rotary Club of Aurangabad Central on Teacher’s Day. | Appreciation Letter | “Nation Builder Award 2017 -18” by Rotary Club of Aurangabad |
| 37 | Stalwart in the field, Giants group | Appreciation Letter | |
| 38 | Contribution to the society, Fine Honda | Appreciation Letter | |
| 39 | contribution in gynaecological endoscopy from MY FM 94.3 | Appreciation Letter | |
| 40 | Public awareness & public education award in Maha - Expo Jalna organized by Rotary Club of Jalna in December 2017 | Appreciation Letter | Organized by Rotary Club of Jalna in December 2017 |
| 41 | Appreciation Award – By Samata Memorial Foundation, Mumbai | Trophy | Samata Memorial Foundation, Mumbai |
| 42 | Outstanding contribution in celebration of world breastfeeding week 2017 | Trophy | IBFAN & bpni |
| 43 | Appreciation for Participating in organ donation Programm & saving life of patient suffering from end stage of disease | Appreciation award | Rational and /State oragan & Tissue transplantation organization |
| 44 | Medical Health Check up Camp | Appreciation Letter | MGM Krishi Vigyan Kendra Aurangabad |
| 45 | Medical Check-Up Camp | Appreciation Letter | Stepping Stone School, Sawangi |
| 46 | World Autism Day Lecture | Appreciation Letter | Mgm Sraf Aurangabad |
| 47 | IEC Activity for Community People, Multi-diagnostic camp, Appreciation Letter | Appreciation Letter | Grant Road (W),Mumbai |
| 48 | Non-profit Medical Health Check-up Camp | Appreciation Letter | Thane |
| 49 | IEC Activity, Multi -diagnostic Camp. | Appreciation Letter | Gram Panchayat,Barapada Post, Bhandanwadi,Panvel, Dist. Raigad |
| 50 | Medical Camp at Global Health Foundation | Appreciation Letter | Maldunge Village |
| 51 | School Health Examination | Appreciation Letter | Tilase Gaon, Palghar Dist. |
| 52 | Medical Camp at Global Health Foundation | Appreciation Letter | CBD, Belapur Stn., Navi Mumbai |

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|----|---|-------------------------------------|---|
| 53 | Symposium on World Health Day | Appreciation Letter | B.P. Marine Academy, Panvel |
| 54 | Medical Camp for BMI | Appreciation Letter | Taloja Central Prison, Navi Mumbai |
| 55 | Medical Camp | Appreciation Letter | Kasu, Tel-Pen, Dist. Raigad |
| 56 | BEST MCCO | Appreciation Letter | Dist. Raigad |
| 57 | Free Health Check Up Camp | Appreciation Letter | MGM Hospital, Kamothe |
| 58 | Medical Health Check up Camp For School Children. | Appreciation Letter | Borgaon, Khurd Village. |
| 59 | Health Check Up Camp | Appreciation Letter | Apta Village, Panvel, Raigad |
| 60 | Medical Health Check Up Plan | Appreciation Letter | Jite, Pen, Raigad |
| 61 | Medical Health | Trophy | Panvel Gaurav |
| 62 | Pulse polio camp | Appreciation Letter | Municipal corporation of greater mumbai |
| 63 | Road safty | Appreciation Letter | |
| 64 | Neon award for educational initiatives | Appreciation Letter | |
| 65 | Diagnostic Camp | Appreciation Letter | Thane |
| 66 | All India critical care Hospital ranking survey | Times Health Serve , Times of India | Rating of various specialities at MGM Hospitals A Survey By Times Hea lth |

13. Collaborative activities for research, faculty, student exchange, industry-internship

| Sr.No | Title of the Collaborative activity | Name of the collaborating agency with contact details | Name of the participant | Source of financial support | Duration | Nature of the activity | Link of the relavant document |
|-------|-------------------------------------|---|-------------------------------|---|-----------|---|-------------------------------|
| 1 | Training and clinical trial | Zila Parishad Raigad DRTB center raigad | Dr Podar and Team | Zila Parishad Raigad DRTB center raigad | 3 Yrs | EDC | Yes |
| 2 | Training and clinical trial | AHF | Dr H Kar, Dr Pareenita Samant | AHF | 1 Yrs | HIV viral load Test for HIV +ve Patients. | university |
| 3 | Training and clinical trial | GeBBS Foundation India | DrRajendra Bohra | GeBBS Foundation India | Till Date | Cancer Detection And treatment in Women | Yes |

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|----|-------------------------------|--|---|--|-----------|-----------------------------------|-----|
| 4 | Training and clinical trial | District Blindness Control Society | Dr J P Mishrikotkar | District Blindness Control Society | Till Date | Cataract case detection & surgery | Yes |
| 5 | Training and clinical trial | Astrazeneka Pharma India Ltd | Dr Deepak Bhosale | Astrazeneka Pharma India Ltd | Till Date | Clinical Trial | Yes |
| 6 | Training and clinical trial | Glenmark Pharmaceutical Ltd | Dr Deepak Bhosale | Glenmark Pharmaceutical Ltd | Till Date | Clinical Trial | Yes |
| 7 | Training and clinical trial | PPD | Dr Girish Gadekar | PPD | Till Date | Clinical Trial | Yes |
| 8 | Training and clinical trial | LUPIN | Dr Sudhir Kulkarni | LUPIN | Till Date | Clinical Trial | Yes |
| 9 | Training and clinical trial | Sun Pharma Advanced Research Company Ltd (SPARC) | Dr Chandrashe khar Tamane | Sun Pharma Advanced Research Company Ltd (SPARC) | Till Date | Clinical Trial | Yes |
| 10 | Training and clinical trial | Cliantha Research Limited | Dr Laxmi Rachkonda | Cliantha Research Limited | Till Date | Clinical Trial | Yes |
| 11 | Training | Swayamsiddha NGO | MGM Medical College and Hospital Aurangabad | Swayamsiddha NGO | Till date | Training | |
| 12 | Training | Primary Health centre Adul | MGM Institute of Physiotherapy | Primary Health centre Adul | Till date | Training | |
| 13 | Training | Aarambh Autistic centre | MGM Institute of Physiotherapy | Aarambh Autistic centre | Till date | Training | |
| 14 | Training and clinical trial | Jt Director of Health services (Leprosy & TB) | MGM Medical College and Hospital NM | Jt Director of Health services (Leprosy & TB) | Till Date | Clinical Trial | Yes |
| 15 | Training and Research Purpose | SVERIS college of Engineering Pandharpur | MGM School of Biomedical Sciences & MGMIHS | SVERIS college of Engineering Pandharpur | Till Date | Research | Yes |

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|----|---|------------------------------------|---|------------------------------------|-----------|--|-----|
| 16 | Training and clinical trial | Skoda Ltd | MGM Medical College and Hospital Aurangabad | Skoda Ltd | Continued | Executive Health Check-up | Yes |
| 17 | Training and clinical trial | Sports Authority of India | MGM School of physiotherapy Aurangabad | Sports Authority of India | Continued | UG/PG students of Physiotherapy | Yes |
| 18 | Training and clinical trial | ETHICON Johnson & Johnson pvt Ltd. | MGM Medical College and Hospital Aurangabad | ETHICON Johnson & Johnson pvt Ltd. | June.2017 | Research Development | Yes |
| 19 | Training and clinical trial | J Mitra & Co. Pvt Lts | MGM Medical College and Hospital Aurangabad | J Mitra & Co. Pvt Lts | Sept.2017 | Research & Efficiency of Test | Yes |
| 20 | Training and clinical trial | Siddhi Metropolis Healthcare | MGM Medical College and Hospital Aurangabad | Siddhi Metropolis Healthcare | Continued | ARC , For Confirmation of Test | Yes |
| 21 | Training and clinical trial | Yashswini Samajik Abhiyan | MGM Medical College and Hospital Aurangabad | Yashswini Samajik Abhiyan | Continued | Health Card to Widows of Farmers Committed Suicide | Yes |
| 22 | Training and clinical trial | 21 st century Informatic India | MGM Medical College and Hospital Aurangabad | 21 st century Informatic India | Continued | Health care IT Solutions to Hospital | Yes |
| 23 | Health Check Up | CANPACK India pvt Ltd | MGM Medical College and Hospital Aurangabad | CANPACK India pvt Ltd | Continued | Health check up | Yes |
| 24 | Study of Dehydroepiand - rosterone levels and endothelial dysfunction as a precursor of atherogenicity in Angiographically proven cases of caronary artery disease (CAD). | Everist Genomics. | Dr. Pooja Balani. (Techer: Dr. S. H. Talib) | Everist Genomics. | 9 months | Endothelial Dysfunction | |

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|----|---|---------------------------|---|---------------------------|-----------|---|-----|
| 25 | For Laboratory Services | Oncquest Laboratories LTD | MGM Medical College and Hospital Aurangabad | Oncquest Laboratories LTD | Continued | For Laboratory Services | Yes |
| 26 | Training and clinical trial | Alliz Health | MGM Medical College and Hospital Aurangabad | Alliz Health | Till Date | Annual Preventive health checkup | Yes |
| 27 | For Blood & Blood Components | Dattaji Bhale Blood Bank | MGM Medical College and Hospital Aurangabad | Dattaji Bhale Blood Bank | Continued | For Blood & Blood Components | Yes |
| 28 | Utilization corneal tissue for transplantation, research, medical education | Sahyara eye bank | MGM Medical College And Hospital NM | | 2019 | Utilization corneal tissue for transplantation, research, medical education | Yes |

Constituent Units Of MGMIHS

MGM MEDICAL COLLEGE & HOSPITAL, NAVI MUMBAI

Founded in 2006, MGM medical college is a private higher education institution located in the urban setting of the medium-sized city of Navi Mumbai (population range of 500,000-1,000,000 inhabitants), Maharashtra. Officially accredited and/or recognized by the University Grants Commission, India, MGM Medical College is a coeducational higher education institution. It offers courses and programs leading to officially recognized higher education degrees in several areas of study.

VISION & MISSION

- By 2020, MGM Medical College, Navi Mumbai, aims to be Top ranking Centre of excellence in Medical Education & Research.
- To deliver quality health care to all sections of the society with compassion & benevolence, at affordable cost.
- To enhance research work with maintaining ethical standards
- To produce quality doctors, teachers by imparting quality medical education.

“PATIENT CARE ALWAYS COMES FIRST”



Message from the Dean



I have incredible delight to present the yearly Report of Mahatma Gandhi Mission's Medical College, Kamothe, Navi Mumbai. Our College is built up in Aug. 1989. This is a standout amongst the best instructing and research organization in Maharashtra State perceived/allowed by the Medical Chamber of India for undergrad and different post advanced education, recognition and superspecialty courses. This College is a constituent unit of MGM Institute of Health Sciences, Deemed University u/s. 3 of UGC Act 1956) which has got accreditation of NAAC - "A" Grade from the year 2014.

Our quality lies in a group of profoundly qualified and experienced devoted, talented workforce, bolstered by a similarly committed Non instructing, paramedical and Nursing staff and Residents with superb foundation offices, Library, Museums, Central Research Laboratory (SIRO's Affirmed) State of Art research center for serology, sub-atomic science, immunology and tissue culture, Central Diagnostic Laboratory (NABL Accredited) and Blood Bank and Components (NABH Accredited). MGM Medical College Hospital is certified by NABH "A+" for our Rajiv Gandhi Jeevandayi Arogya Yojna. The Hospital is treating patients on philanthropy premise which is advantage to the patient consideration.

Restorative Educational Unit is arranging workshops with MCI endorsement and a large portion of the instructors are prepared in MET. Restorative school has set up IQAC (interior Quality Assurance Cell) which effectively survey the personnel examination framework and understudies input framework. Restorative College is having a joined tertiary consideration 900 had relations with medical clinic with Emergency Care offices, Trauma, all strength and superspecialty including 100 slept with Critical Care framework, 24 Hours Emergency Services, Endoscopy, Modular Operation Theaters, Cath Lab, Lithotripsy. The Emergency clinic is all around outfitted with current types of gear/instruments and qualified Consultant for the quality patient consideration with human touch.

The Hospital has got endorsement from Govt. of Maharashtra for Renal Transplant and began the transplant. The resources and Residents are composed National and International Conferences, CMEs/ Workshops with Eminent Faculty as Speakers from national and worldwide dimension with certify credit hours from Maharashtra Medical Council, Mumbai. Additionally CME's on web streams are sorted out the resources and inhabitants are exhibiting research papers, notice introduction and so forth. Consistently in State, Regional, National and International Conferences. The Faculties and Residents are distributed papers in different listed diaries in National and International dimension and won different honors. Our UG understudies are additionally done momentary research ventures endorsed by ICMR and DST . The Skills Laboratory is giving preparing in ALS, BLS, ATLS to all PG and UG Students, Para Therapeutic and Nursing staff working in Medical College and Hospital. The College has dynamic Urban and Rural Health Centers appended to it. Other than these scholarly exercises, our Outreach Programs hold therapeutic camps in the provincial territories serving poor people and more fragile areas of the general public. The strength OPD and Lab administrations at Khopoli Municipal Hospital on everyday schedule which expanded the clinical material for the preparation UG and PG understudies and research. We guarantee you the world class brilliance in training and human services administrations at this regarded establishment.

Dr Gurunath S Narshetty, *Dean*
MGM Medical College and Hospital,
Navi Mumbai

MGM Medical College, Navi Mumbai

Under Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|-----------|---|------------------------------------|-----------------------|--------|-------------|
| M.B.B.S. | 5½ Yrs. [including 1 yr. internship] | XII Std. / Equivalent + MGM CET | English | 150 | MCI |

Post Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|-------------------------|----------|---------------------|-----------------------|--------|-------------|
| MD Anatomy | 3 years | MBBS + PG CET | English | 05 | MCI |
| MD Physiology | 3 years | MBBS + PG CET | English | 03 | MCI |
| MD Biochemistry | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Microbiology | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Pharmacology | 3 years | MBBS + PG CET | English | 04 | MCI |
| MD Pathology | 3 years | MBBS + PG CET | English | 06 | MCI |
| MD Community Medicine | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD General Medicine | 3 years | MBBS + PG CET | English | 08 | MCI |
| MD Respiratory Medicine | 3 years | MBBS + PG CET | English | 01 | MCI |
| MD Dermatology | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Paediatrics | 3 years | MBBS + PG CET | English | 06 | MCI |
| MD Anaesthesiology | 3 years | MBBS + PG CET | English | 06 | MCI |
| MD Radiology | 3 years | MBBS + PG CET | English | 05 | MCI |
| MD Psychiatry | 3 years | MBBS + PG CET | English | 01 | MCI |
| MD Emergency Medicine | 3 years | MBBS + PG CET | English | 02 | MCI |
| MS General Surgery | 3 years | MBBS + PG CET | English | 06 | MCI |
| MS Orthopedics | 3 years | MBBS + PG CET | English | 02 | MCI |
| MS Ophthalmology | 3 years | MBBS + PG CET | English | 03 | MCI |

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|---|---------|--------------------------|---------|----|-----|
| MS Obst. & Gynaec. | 3 years | MBBS + PG CET | English | 06 | MCI |
| MS ENT | 3 years | MBBS + PG CET | English | 01 | MCI |
| DCH | 2 years | MBBS + PG CET | English | 02 | MCI |
| D. Ortho | 2 years | MBBS + PG CET | English | 02 | MCI |
| DA | 2 years | MBBS + PG CET | English | 02 | MCI |
| DO | 2 years | MBBS + PG CET | English | 01 | MCI |
| DGO | 2 years | MBBS + PG CET | English | 02 | MCI |
| DMRD | 2 years | MBBS + PG CET | English | 01 | MCI |
| Superspeciality Course DM Cardiology | 3 years | MD/MS + MGM SS CET | English | 01 | MCI |
| Superspeciality Course M.Ch. Cardio Vascular Thoracic Surgery | 3 years | MD/MS + MGM SS CET | English | 01 | MCI |
| Urology | 3 years | MD/MS + MGM SS CET | English | 01 | MCI |

Research Publication

Anatomy

1. Nimmagadda H. Evaluation of the diagnostic criteria of ultrasonographic parameters in the prediction of intrauterine growth restriction. World Journal of Research and Review 2017; 5(3): 28-34.
2. Sah S P, Bhandari K, Arharya S, Thapa P, Goel N C. Nimmagada H K. Plastination: A miracle in the preservation of biological specimen. European Journal of Pharmaceutical and Medical Research 2017; 4(10): 276-281.
3. Nimmagada H K. Plastination: A miracle in the preservation of biological specimen. European Journal of Pharmaceutical and Medical Research 2017; 4(10): 276-281.
4. Junagade B S, Sabnis A. Schizencephaly: A neuronal progression disorder. Indian Journal of Anatomy 2018; 7(2): 215-217.
5. Posam P G, Sabnis A S. A case report on unique combination of balanced reciprocal translocation in couple. World Journal of Pharmacy and Pharmaceutical Sciences 2018; 7(5): 790-794.
6. Sabnis A, Mane P. Anatomical variations in suprascapular notch. International Journal of Medical and Health Sciences 2018; 4(3): 139-142.

7. Sabnis A, Kamale V N. Ambiguous genitalia: Case report. *International Journal of Sciences and Research* 2018;7(4): 114-116.
8. Sonawane M, Mhadevan A, Rathod P R, Mukherjee. Effect of ageing on number of mitral cells and glomeruli of the human olfactory bulb. *Paripex-Indian Journal of Research* 2018;7(5): 428-430.
9. Sah S K, Silotry N, Nimmagada H K. Morphological study and variations of gall bladder. *International Journal of Advanced Microbiology and Health Research* 2018;2(2):1-11.
10. Rathod PR. Sacral indices for sexual dimorphism in Navi Mumbai population, *Indian Journal of Applied Research* 2018;8(2):3-4.

Anesthesiology

1. Kathiriyaa B, Shewale H, D souza O, Ganguli S. Anesthesia management in a case of ectopic pregnancy with severe anemia. *International Journal of Sciences and Research* 2017;6(8):1926-1927.
2. Kathiriyaa B, Patel K, D'Souza O. Anaesthetic management in a patient with syringomyelia and arnold chirari malformation type-1with unilateral vocal cord palsy. *International Journal of Sciences and Research* 2017;6(11): 255-258.
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4. Sahu S, Pandya R, D'souza O, Ganguly S. Anesthetic management of a patient with sickle cell disease with kochs spine posted for D-5, D10 instrumentation. *International Journal of Sciences and Research* 2017;6(11): 188-189.
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6. Naik S, Ranjan S, D'souza O. Case report and review of literature on anaesthesia management of massive colloid multinodular goitre, *International Journal of Scientific Research* 2018;7(2): 46-48.

Biochemistry

1. Wadalkar S, Deepak A D, Yadav K S, Singh V. Malarial infection elevate erythrocyte glucose utilization: A systematic analytical study. *International Journal of Current Advanced Research* 2017;6(7): 4560-4563.
2. Pachpute P, Badade Z G, Pachpute S R. Gad autoantibodies as novel marker in the diagnosis of latent autoimmune diabetes in adults (LADA). *International*

Journal of Scientific Research 2017; 6(9):182-184.

3. Samant P, Maheshwari U M. Study of prevalence of hemoglobinopathy condition in patients population of tertiary care hospital at Navi Mumbai. International Journal of Scientific Research 2018; 7(1): 725-728.
4. Mishra M K, Neha V More, Garg C. Role of adiponectin and HS-CRP with glycemic control in coronary artery disease with and without type-ii diabetes Mellitus. International Journal of Scientific Research 2018; 7(6): 71-72.
5. Jha A, Badade Z G, More K. Role of lecithin cholesterol ACYL transferase activity and apolipoprotein A-1 level in type 2 diabetes. International Journal of Health Sciences and Research 2018; 8(5): 67-74.

Cardiology

1. Hegde S, Deshpande A. Evaluation of right ventricular function in myocardial infarction and its prognostic significance. Paripex-Indian Journal of Research 2017; 6(11): 30-32.
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Cardiovascular and Thoracic Surgery (CVTS)

1. KadamDeshmukh S. Partial anomalous pulmonary venous connection. International Education & Research Journal 2017; 3(9): 20-21.
2. Biyani V. Echocardiographic comparison in diastolic failure patients with and without left ventricular hypertrophy. Journal of Cardiovascular Medicine and Surgery 2018; 4(2): 165-169.

Community Medicine

1. Nair G R, Wadke R, Relwani N, Mahadik V, Anjenaya S. Knowledge and attitude of married men towards vasectomy in an urban slum of Navi Mumbai. International Journal of Community Medicine and Public Health 2017; 4(12): 4563-4568.
2. Mahadik VJ, Waingankar P, Anjenaya S, Sanjeev S. Cross sectional study of health status of auto rickshaw drivers in Vashi, Navi Mumbai, India. MGM Journal of Medical Sciences 2017; 4(4): 164-170.
3. Mali K H, Sawardekar P, Anjenaya S. Assessment of malnutrition in 1-5 years old children of Brick-Kiln workers in rural part near municipal area. Indian Journal of Pediatrics 2017; 6(4): 225-228.
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- Maharashtra. Medpulse- International Medical Journal 2017;4(5):613-617.
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 10. Katke P H, Wadke R A, Waigankar P J. A study to assess feedback of patients who received benefit of Rajeev Gandhi Jeevandayi Arogya Yojana during first year of phase I in a private tertiary care network hospital in Maharashtra. International Journal of Community Medicine and Public Health 2018; 5(6): 2495-2499.
 11. Wadke RA, Ramesh P, Nimmagadda H K. Scope and feasibility of student: Friendly environmental sustainability measures in educational Institutes: Our experience in MGM Institute of Health Sciences, Navi Mumbai campus, Maharashtra, India. MGM Journal of Medical Sciences 2018; 5(2): 64-67.
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Metropolitan. Journal of Medical Sciences and Clinical Research 2017; 5(10): 29395-29403.

Surgery

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2. Gedam K, Jadhav M, Chemburkar P, Kinijalk M. A study of clinicopathological characteristics for sentinel lymph node metastasis in early breast cancer. Global Journal for Research Analysis 2017; 6(10): 13-14.
3. Gedam K, Kinijalk M, Jadhav M, Chemburkar P. A study of outcome of thyroid lobectomy for unilateral papillary carcinoma. Global Journal for Research Analysis 2017; 6(10): 7-9.
4. Jadhav S, Kalyanshetty A, Dasila P, Kerkar P G, Kaul S. A study to assess precipitating factors for onset of MI among 18-45 years patients admitted with myocardial infarction. International Journal of Health Sciences and Research 2018; 8(6): 164-170.
5. Kumar A S, Patni N, Kadlas D, Vyawahare R. Retrospective study of operated cases of traumatic brain injury in MGM medical college and hospital, Navi Mumbai. International Journal of Scientific Research 2018; 7(1): 465-466.
6. Kumar A S, Patni N, Wagh P J, Kadlas D. Risk factors and road traffic accidents on Mumbai: Pune expressway, Indian Journal of Applied Research 2018; 8(1): 56-57.
7. Jadhav S, Kalyamshetty A, Dasila P, Kerkar P G, Kaul S. To assess the level of workplace stress among 18-45 yr patients admitted with myocardial infarction. International Journal of Health Sciences and Research 2018; 8(4): 153-158.
8. Samant S M, Sarang B. Vacuum assisted wound healing: Can it prove to be cost-effective? International Surgery Journal 2018; 5(4): 1358-1364.

Urology

1. Shamsukha D, Patil A, Joshi N. A study of BXO cases with urethral stricture. Paripex - Indian Journal of Research 2017; 6(7): 19-21.

Activities

World Environment Day celebration



No tobacco day celebration



Meeting with Commissioner, Panvel about wholistics approach for healthcare in Raigad (2nd Jan 2018)



National Conference: Surgipath 2018 on 23rd and 24th March



Symposium on Heart Transplant on 10th March 2018



School health checkup 7 Feb 2018 at Taloja, Navi Mumbai



Tuberculosis free India Movement 21st March 2018



Walkathon 2018 (21 Jan 2018)



World health Day Celebration (7 April 2018)



Yoga Day 2018



MGM MEDICAL COLLEGE & HOSPITAL, AURANGABAD

Message from Medical Director



The MGM Medical College and Hospital was set up in 1990 with a dream to be a top-positioning Center of Excellence in Medical Education and Research. Understudies moving on from the Institute will have all the expected aptitudes to convey quality medicinal services to all areas of the general public with sympathy and consideration, without preference or separation, at moderate expense. Amid late years the school has set up itself as one of the top positioning restorative school in the country. This medicinal school is among very barely any Institutes in the province of Maharashtra which offers post graduates courses in all the restorative subjects, Super Specialty courses in five branches notwithstanding its MBBS course with a limit of 150. Amid the earlier year the school has accomplished new statures and miles stone towards getting to be a focal point of magnificence.

In the field of patient consideration and clinical administrations separated from its condition of craftsmanship medical clinic foundation the emergency clinic has included new OBGY emergency unit its gathering of existing specific ICU's. The super claim to fame administration was fortify extraordinarily in the field of Urology and Nephrology by redesigning its kidney transplant unit and dialysis unit alongside new ward and division. Mention that the medicinal school emergency clinic constant to be in the top + "A " classification of Rajiv Gandhi Jeevandayi Arogya Yojna since most recent three years. The blood donation center is NABH licensed and the focal way lab is certify by NABL. As a piece of vision of coming to towards scholarly perfection the Institute has embraced different most recent educating and learning strategy one of which is early clinical presentation and coordinated instructing.

The medicinal school focal library has been moved into its new condition of craftsmanship complex where most recent offices with redesigned books and diaries including on the web offices are given. The Institution has composed different National and International dimension gatherings consistently. The ICCME (International Conference on Challenges in Medical Education) sorted out in the year 2015 was an amazing achievement wherein different National and International specialists of restorative training took part. The therapeutic school has chosen to quicken and underscore on essential medicinal research as a piece of

which the resources are urged to partake in research. One of the resources' examination discoveries has been fused by WHO in its distributions. Scarcely any resources have best research grants. The school has as of late marked a MOU with Kyungpook National University South Korea as a section of its scholastic and research advancement program. This global coordinated effort will help the understudies and workforce to trade their insight and expertise. As a piece of value upgrade the IQAC (Internal Quality Assurance Cell) of the school has presented explicit quality improvement program which incorporates "Singular Faculty Appraisal Framework", aside from its current various cells like Attendance Cell, Student Welfare Cell and so on.

In the inevitable years the school intends to concentrate on crucial research in restorative sciences what's more, to do clinical research. The school intends to begin super claim to fame courses in Neonatology, Nervous system science, Neurosurgery and Post Graduate courses in Emergency Medicine and Critical Care. The clinic intends to overhaul its administrations in the field of Endocrinology, Immunohistochemistry, furthermore, Oncology. The school is going for NABH accreditation in the coming year.

The Annual report is highlighting the achievements for the MGM Medical College, Aurangabad during academic year 2017-18.

Dr. Shroff Ajit Govinddas

MGM Medical College, Aurangabad

Under Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|-----------|---|------------------------------------|-----------------------|--------|-------------|
| M.B.B.S. | 5½ Yrs. [including 1 yr. internship] | XII Std. / Equivalent + MGM CET | English | 150 | MCI |

Post Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|--|----------|---------------------|-----------------------|--------|-------------|
| MD Anatomy | 3 years | MBBS + PG CET | English | 04 | MCI |
| MD Physiology | 3 years | MBBS + PG CET | English | 03 | MCI |
| MD Biochemistry | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Microbiology | 3 years | MBBS + PG CET | English | 04 | MCI |
| MD Pharmacology | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Pathology | 3 years | MBBS + PG CET | English | 03 | MCI |
| MD Community Medicine | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD General Medicine | 3 years | MBBS + PG CET | English | 08 | MCI |
| MD Respiratory Medicine | 3 years | MBBS + PG CET | English | 03 | MCI |
| MD FMT | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Dermatology | 3 years | MBBS + PG CET | English | 02 | MCI |
| MD Paediatrics | 3 years | MBBS + PG CET | English | 04 | MCI |
| MD Anaesthesiology | 3 years | MBBS + PG CET | English | 04 | MCI |
| MD Radiology | 3 years | MBBS + PG CET | English | 03 | MCI |
| MD Psychiatry | 3 years | MBBS + PG CET | English | 01 | MCI |
| MS General Surgery | 3 years | MBBS + PG CET | English | 06 | MCI |
| MS Orthopedics | 3 years | MBBS + PG CET | English | 03 | MCI |
| MS Ophthalmology | 3 years | MBBS + PG CET | English | 03 | MCI |
| MS Obst. & Gynaec. | 3 years | MBBS + PG CET | English | 04 | MCI |
| MS ENT | 3 years | MBBS + PG CET | English | 01 | MCI |
| DCH | 2 years | MBBS + PG CET | English | 02 | MCI |
| D. Ortho | 2 years | MBBS + PG CET | English | 01 | MCI |
| DA | 2 years | MBBS + PG CET | English | 01 | MCI |
| DMRD | 2 years | MBBS + PG CET | English | 01 | MCI |
| Dermatology (Skin & VD) | 2 years | MBBS + PG CET | English | 01 | MCI |
| DCP | 2 years | MBBS + PG CET | English | 02 | MCI |
| Superspeciality Course MCH Plastic Surgery | 3 years | MD/MS + SS CET | English | 01 | MCI |
| Superspeciality Course MCH CVTS | 3 years | MD/MS + SS CET | English | 01 | MCI |
| DM Cardiology | 3 years | MD/MS + SS CET | English | 01 | MCI |
| DM Nephrology | 3 years | MD/MS + SS CET | English | 01 | MCI |
| DM Urology | 3 years | MD/MS + SS CET | English | 01 | MCI |

Research Publications

Anatomy

1. **Pande M, Kulkarni P, Tungikar S, Shroff G A.** Anatomical evaluation of left atrial antero posterior dimension by trans-thoracic echocardiography in elderly Marathwada population with normal cardiac function. *Indian Journal of Clinical Anatomy and Physiology* 2017; 4(4): 446-452.
2. Shinde S B, Kiste S, Gulanikar S, Roshan S. Study of anatomical variations in renal arteries. *Global Journal for Research Annalysis* 2017; 6(12): 42-43.
3. Gualnikar S A, Kadam S, Shinde S, Shorff G A. Radial glomerular count: An assessment of human nephrogenesis. *Indian Journal of Clinical Anatomy and Physiology* 2018; 266-268.

Anesthesiology

1. Bhartiya S, Dhule K. A case report: 2 year male, case of meningomylocele posted for MRI. *MedPulse International Medical Journal* 2017; 4(12): 1036 - 1038.
2. Bhartiya S, Jambure N, Annchatre A, Annachatre S. Anaesthetic management of a patient with dilated cardiomyopathy for femoral embolectomy: A case report. *Med Pulse International Journal of Anesthesiology* 2017; 4(1): 28-29.
3. Kulkarni S, Kulkarni S, Putane S, Pachore P. Anesthesia for combined cesarean section and pheochromocytoma resection. *Journal of Obstetric Anaesthesia and Critical Care* 2017; 7(2): 97-99.
4. Selvakumaran P, Kulkarni S, Kelkar V. Comparative study of caudal ropivacaine with ropivacaine ketamine for postoperative analgesia in paediatric patients. *Indian Journal of Clinical Anaesthesia* 2017; 4(4): 489-493.
5. Nagre M S, Jambure N. Single bolus dose of epidural magnesium prolongs the duration of analgesia in cardiac patients undergoing vascular surgeries. *Indian Journal of Anaesthesia* 2017; 61(10): 832-836.
6. Madkaiker S R, Bhale P V, Gaddam N, Patil N. Anesthetic management of a patient with insulinoma. *MedPulse International Journal of Anesthesiology* 2017; 4(2): 51-52.
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8. Anachhatre A S, Jambure N, Belapurkar Y, Annachhatre S. Successful preservation of renal function in off- pump CABG with pre-existing renal dysfunction: Single centre retrospective analytic study of protective methods. *Indian Journal of Research* 2018; 7(1): 234-235.
9. Nagre A S, Jambures N P. Comparison of immediate extubation versus ultrafast tracking strategy in the management of off-pump coronary artery bypass surgery. *Annals of Cardiac Anaesthesia* 2018; 21(2):129-133.

Biochemistry

1. Hatolkar V, Hivre M, Vaishnav D. Thyroid dysfunction and its relation to dyslipidemia. *Paripex-Indian Journal of Research* 2017; 6(12): 35-36.
2. Vaishnav D, Hatolkar V, Hivre M, Holkar S. Study of levels of HS-CRP in prehypertensive and hypertensive patients. *International Journal of Scientific Research* 2017; 6(12): 277-278.
3. Holkar S, Vaishnav D, Hivre M. Effects of long term exposure assessment of benzene in petrol pump workers. *International Journal of Current Research* 2017; 9(11): 61185-61188.
4. Jambure A, Bhale D, Vaishnav D. Study of various lecture delivery methods in biochemistry and its effect on teaching learning process. *International Journal of Current Research* 2017; 9(7): 54823-54825.
5. Hivre M, Holkar S, Vaishnav D. Biochemical monitoring of exposure to benzene among smoker and non-smoker petrol pump workers. *Indian Journal of Applied Research* 2017; 7(12): 297-300.
6. Mulani M R, Hatolkar V. Evaluation of MPV & calcium as a prognostic marker in type 2 diabetes. *International Journal of Biochemistry. Photon* 200: 2018: 547-533.
7. Mulani M R, Hatolkar V S. Serum magnesium and serum bilirubin levels in type 2 diabetes mellitus. *Indian Journal of Research* 2018; 7(3): 28-30.
8. Mulani M R, Hatolkar V S. Study of non HDL-C and ceruloplasmin in type2 diabetes mellitus. *Journal of Diabetes and Health* 2018; 110: 353-360.
9. Holkar S, Hivre M, Vaishnav D. Impact of quality of life of parents caring for child with autism spectrum disorder. *Indian Journal of Applied Research* 2018; 8(6): 71-72.
10. Vaishnav D, Holkar S, Hivre M. Parental concerns questionnaire based study to evaluate parental experience for caring of child with autism. *International Journal of Current Research* 2018; 10(5): 69426-69428.
11. Hivre M, Khan S, Andure D. Evaluation of therapeutic role of filarial

antigens on the development of type 1 diabetes. Indian Journal of Research 2018;7(6):16-19.

Community Medicine

1. Mahajan S M, Jadhav V S, Magare A R, Adchitre S A, Salve S B. Awareness and screening practices of cervical cancer among nursing staff working in tertiary care hospital. International Journal of Community Medicine and Public Health 2017;4(10):3590-3595.
2. Mahajan S M, Pawar K H, Jadhav V S, Magare A R. Health status of sanitary workers of municipal corporation of Aurangabad city. Indian Journal of Preventive Medicine 2017;5(2):90-96.
3. Surve R, Dase R. Intrauterine growth retardation: A risk for Type II diabetes mellitus in adult life. International Journal of Current Medical and Applied Sciences 2017;17(1):45-52.
4. Takwale G P, Salve S B. A study on timelines of childhood vaccination. International Journal of Current Medical and Applied Sciences 2017;17(1):24-29.
5. Naval S S, Mahajan S M, Yadav V B. Prevalence of Type II diabetes mellitus and its associated sociodemographic risk factors found in nachanwel and pishor revenue circle of Aurangabad district. International Journal of Community Medicine and Public Health 2017;4(7):2312-2319.
6. Warkari P D, Nakel M P, Mahajan S M, Adchitre S A. Study of treatment outcome of tuberculosis among HIV co-infected patients: A cross sectional study in Aurangabad city Maharashtra. International Journal of Community Medicine and Public Health 2017;4(12):4466--4471.
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Cardiology

1. Deshmukh S, Deshpande A, Kulkarni N D. Clinical profile of acute myocardial infarction patients from rural India. Journal of Medical Sciences and Clinical Research 2017;5(11):30106-30111.
2. Shisode V, Deshpande A. Evaluation of patient prosthetic aortic valve

- mismatch by echocardiography. *International Journal of Healthcare and Biomedical Research* 2017; 6(1): 30-35.
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 4. Deshmukh S, Deshpande A, Bansal N O, Peripheral arterial disease in proven coronary artery disease. *Scholars Journal of Applied Medical Sciences* 2017; 5(11C)
 5. Shisode V, Deshpande A. Retrospective analysis of angiographic precursors in subacute stent thrombosis. *Indian Journal of Basic and Applied Medical Research* 2017; 6(4): 291-294.

Dermatology

1. Khurana G, Pathrikar S, Deshmukh A. Clinico epidemiology study of vitiligo. *Medpulse- International Journal of Medicine* 2017; 3(3): 111-113.
2. Chavan S D, Deshmukh A R, Gulanikar D, Pathrikar S S, Tariq I M. Autosomal recessive cutis laxa type-1 with complex systemic manifestations. *Indian Journal of Pediatrics Dermatology* 2018; 19(3): 274-246.

ENT

1. Vare R, Vare A, Bohra R, Ansari A, Dhillon D, Ahmed. The study of the component of sensorineural hearing loss in cases of chronic suppurative otitis media. *IOSR Journal of Dental and Medical Sciences* 2017; 16(1): Ver XII: 38-39.

FMT

1. Jambure M, Jambure A. A study on awareness and knowledge about medico legal issues among interns and post graduate students. *International Journal of Current Medical and Applied Sciences* 2017; 17(1): 9-12.
2. Varma N M, Kulkarni P R. Post mortem study of snakebite cases. *International Journal of Current Medical and Applied Sciences* 2017; 16(2): 110-116.
3. Pandey R K. Study on burn injury, assessment of allegations of self-inflection medico legal cases brought to tertiary hospital, Aurangabad. *International Journal for Research Publication and Seminars* 2017; 8(7):
4. Pandey R K. Study on early morning neuroparalysis is diagnostic of krait bite medico legal cases brought to tertiary Hospital, Aurangabad. *International Journal for Research Publication and Seminars* 2017; 8(7):

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6. Verma N M, Kulkarni P. Estimation of stature from the length of great toes among diverse population of medical students of MGM medical college, Aurangabad. *Medico-Legal Update* 2018; 18(1): 91-96.

Medicine

1. Kharche J, Patil V, Yadav P, Quazi K, Kothare A. Bardet-biedl syndrome a rare case presentation in Marathwada region of India. *IOSR Journal of Dental and Medical Sciences* 2017; 16(7): 49-52.
2. Kulkarni A G, Athale N, Patil V, Nagadkar G, Balani P, Patil V. Cerebral venous sinus thrombosis during early first trimester of pregnancy. *International Journal of Sciences and Research* 2017; 6(9): 1951-1954.
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6. Talib SH, Naik M R, Patil V, Joshi V, Dutt S. Association of 25- hydroxyl vitamin D, endothelial dysfunction and coronary artery disease in angiographically studied cases. *Journal, Indian Academy of clinical Medicine* 2017; 18(4): 260-266.
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8. Ahire P, Gulwe V S. Study of adiponectin levels in stressed medical professionals. *International Journal of Current Medical and Applied Sciences* 2017; 16(1): 60-65.
9. Naik M, Kanjani I, Yadav S, Quadri S U. Association of high sensitivity C-reactive protein (HS-CRP) with diabetic retinopathy. *International Journal of Sciences and Research* 2017; 6(9): 683-686.
10. Quadri U, Sarode V, Yadav S. Acute transverse myelitis in post rabies

- vaccination. *International Journal of Research* 2017;4(10): 1385-1387.
11. Talib S H, Punde G, Dase R K. Nerve conduction abnormalities in pre-diabetics and asymptomatic diabetics. *Journal of Association Physicians of India* 2018;66: 29-32.
 12. Talib S H, Bhattu S R, Deshmukh S Vyawahare S, Dutt S. Coexistent leptospirosis & dengue infection (A rare case report). *IOSR Journal of Dental and Medical Sciences* 2018;17(3): 31-32.
 13. Talib S H, Bhattu S R, Deshmukh S, Vyawahare S, Tamboli G. Wegener's granulomatosis co-existent with pulmonary mycobacterium tuberculosis (a rare case report). *International Journal of Sciences and Research* 2018;7(3):1-2
 14. Talib S H, Joshi V, Bhise M, Vyawahare S, Deshmukh S. Coitophobia presenting as fever of unknown origin (a short communication). *IOSR Journal of Dental and Medical Sciences* 2018;17(3): 47-48.
 15. Talib S H, Bhattu S R, Deshmukh S, Vyawahare S, Dutt S, Tamboli G. Dengue Febrile Illness in Hairy Cell Leukemia. *IOSR Journal of Dental and Medical Sciences* 2018;17(3): 64--65.
 16. Talib Y, Talib S H. Implementation of bioinformatics for the study of neurological diseases based on ANN (Artificial Neural Network) using TAUprotein. *International Journal of Medical Science and Innovative Research* 2017;2(6): 283-287.
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Microbiology

1. Shaza B R, Bansal V P, Bhalchandra M, Mishra J. Staphylococcus aureus nasal carriers and the prevalence of methicillin resistant staphylococcus aureus among medical students. *International Journal of Research in Medical Sciences* 2017;5(7):3149-3153.
2. Naik S D, Vyawahare A S, Bhalchandra M H. Bacterial pathogens from bile and their antimicrobial sensitivity pattern in a tertiary care hospital. *International Journal of Current Microbiology and Applied Sciences* 2017;6(12): 2942-2948.
3. Kulkarni S, Bhakre J, Damle A S. Clinico mycological study of onychomycosis in tertiary care centre of Maharashtra, India. *International Journal of Current Microbiology and Applied Sciences* 2017;6(11): 2942-2948.

4. Pohekar J A, Bhalchandra M H, Ghogre, Pathrikar T G. Evaluation and comparison of currently available fluorescence immunoassay (FIA) test with rapid immuno chromatographic test (ICT) considering NS 1 ELISA as a reference test. *International Journal of Current Microbiology and Applied Sciences* 2017; 6(11): 506-513.
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Neuro Surgery

1. Ansari I, Ansari A, Graison A A, Patil A, Joshi H. Head and neck Schwannomas: A surgical challenge, a series of 5 cases. *Case Report in Otolaryngology* 2018: 1-2

Ophthalmology

1. Sabgai S, Mishrikotkar, Thakre S R, Gadekar S, Phadke Y, Rao S. Comparative study to analyse the results in sutureless pterygium surgery with fibrin glue versus without glue by autoconjunctival graft. *International Journal of Sciences and Research* 2017; 6(10): 659-661.
2. Goyal A, Gadekar S, Deshpande S, Mishrikotkar J P. Awareness about different modalities of correction for refractive errors in students attending MGM Medical College, Aurangabad, India. *Med Pulse- International Medical Journal* 2017; 4(11): 992-994.
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Obstetric Gynecology

1. Rachkonda L, Kadam S, Shiradkar S. Study of evaluation of puberty menorrhagia. *Med Pulse -International Journal of Gynaecology* 2017; 3(1):30-33

2. Kusum S, Maharshi A, Mande S, Shiradkar S, Outcome of pregnancies in primigravidas compared to multigravida in a tertiary care hospital. *Medpulse International Journal of Gynecology* 2017; 4(3): 41-43.
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5. Barde D, Dank G, Mande S, Shiradkar S. Study of obstetric admission to the intensive care unit of a tertiary care Hospital. *International Journal of Current Medical and Applied Sciences* 2018; 17(3): 87-90.

Orthopedics

1. Gehlot A M, Shewale R N. Dynamic compression plating (DCP) and intramedullary interlocking nailing in diaphyseal fractures of humerus: A comparative study. *International Journal of Current Medical and Applied Sciences* 2017; 17(1): 32-37. 2321-9327.
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4. Queshi M S, Panat M, Israni P. Post polio limb fracture management in a 65 years old patient. *Medpulse International Journal of Orthopedics* 2017; 4(2): 41-44.

Pathology

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Pediatrics

1. Siddiqui S S, Koppa S K, Kale A V. Clinical profile of typhoid fever in children at a tertiary care hospital: A cross sectional study. *International Journal of Contemporary Pediatrics* 2017; 4(6): 1951-1954.
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Pharmacology

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4. Bhosle D, Khan S, Bhagat A, Ashrat F. Ecopharmacovigilance. *Journal of Medical Sciences and Clinical Research* 2018; 6(3): 841-845.

Physiology

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2. Isaac D, Shinde P U. The study role of glycosylated hemoglobin in hearing complication of diabetes. *International Journal of Current Research* 2017; 9(11): 60231-60233.
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6. Isaac D, Shinde P U. The study role of glycosylated hemoglobin in hearing

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Psychiatry

1. Pinto E F, Sahoo S, Deshmukh D, Vadlamani N, Dhingra I, Karia S, Andrade C. Treatment compliance and noncompliance in psychosis: Methodological issues. Indian Journal of Psychiatry 2017; 59, (3): 401-402.
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Respiratory Medicine

1. Deshmukh A, Jadhav S, Wadgoankar V, Takalkar U, Deshmukh H, Apsingkar P, Sonwatikar P, Antony P. **Airway management and bronchoscopic treatment of subglottic and tracheal stenosis using holmium laser with balloon dilatation.** Indian Journal of Otolaryngology and Head & Neck Surgery 2018: 1-6
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Radiology

1. Suryawanshi A, Shafi M, Mishrikotkar P, Dahiphale D B, Lathkar P. Thoraco-omphalopagus conjoined twins: Imaging and antenatal diagnosis. International Journal of Contemporary Medicine Surgery and Radiology 2017; 2(4): 124-126.
2. Dahiphale D B, Sharma P K, Apte A, Suryawanshi A, Deore R, Choudhari S. CT evaluation of large bowel wall lesions. International Journal of Anatomy Radiology and Surgery 2017; 6(3): RO-17-RO21.
3. Sharma P K, Dahiphale D B, Suryawanshi A, Apte A, Choudhari S, Deore R. CT evaluation of small Bowel wall lesion. International Journal of Anatomy, Radiology and Surgery 2018;

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Surgery

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2. Suryawanshi P R, Agrwal M M. Laparoscopic excision of leiomyosarcoma of inferior vena cava. *Journal of Minimal Access Surgery* 2017; 13(4): 303-305.
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6. Khan A Q, Patel S, Daiv S. Effective of USG guided pecutaneous malecot catherization in cases of liver abscess. *International Journal of Current Medical and Applied Sciences* 2018; 17(3): 81-86.
7. Dutta B, Suryawanshi P, Pawar P. Dermoid cyst of pancreas. *MGM Journal of Medical Sciences* 2018; 5(1): 37-39.
8. Gill A, Suryawanshi P. Gastric schwannoma presenting as a right iliac fossa lump a case report. *Indian Journal of Applied Research* 2018; 8(2): 61-62.
9. Kasliwal N R, Kasliwal A, Boriwale A, Sonawane S. Retrosternal goitre, do humans need a sternotomy. *International Surgery Journal* 2018; 5(3): 773-777.
10. Kasliwal N R, Kasliwal A, Tandale M, Chandak N. Distant metastases in head neck cancer: An impact of reconstruction modality. *Journal of Medical Sciences and Clinical Research* 2018; 6(2): 584-590.
11. Mohd M G, Karad A. Rare case of primary angiosarcoma of breast with review of literature. *International Journal of Current Medical and Applied Sciences* 2018; 17(3): 91-94.

ACTIVITIES



AU About ROD



CME - Generic VS Branded drugs



CME - Generic VS Branded drugs



IANCON Conference



Basic clinical skills workshop



Basic surgical skills workshop



Basic obstetrics skills workshop



Plexus - National UG Conference



MAPSCON - State Conference



Basic Life support workshop

Medical Microbiology UG Quiz on 17/4/2018



PULMONAR-2017 State Conference





22nd ACRSI Fellowship & Instructional Course 2018



Endoworld Conference



Guest Lecture - Mental Health in work place
Speaker - Dr. Sanjay Phadake

| Type | Title of the professional development program | Organized By | Date |
|------------|--|---|-------------------------|
| CME | All about ROP (Retinopathy of Prematurity) | Department of Ophthalmology MGM Medical College in collaboration with Aurangabad Ophthalmic Association (AOI) | 09.07.2017 |
| CME | Generic Vs Branded Drugs Similarities and differences | Department of Pharmacology, MGM Medical College, Aurangabad | 05.08.2017 |
| CME | Perinatology Meet Speaker - Dr. Sunil Gavhane Speaker - Dr. Shubhangi Mande | Dept. of Pediatric & Dept. of OBGY, MGM Medical College, Aurangabad | 08.03.2018 |
| CME | Webinar on Innovative Diagnostics in Microbiology - Real World Challenges in Antimicrobial Resistance (National) | Department of Microbiology | 27.06.2018 |
| Conference | ENDOWORLD (Hepatopancreatobiliary) | Department of Surgery, MGM Medical College, Aurangabad | 14.07.2017 - 16.07.2017 |
| Conference | MAPSCON 2017 | Department of Plastic Surgery, MGM Medical College, Aurangabad | 22.07.2017 - 23.07.2017 |
| Conference | IANCON | MGM Medical College, Aurangabad in Association with Aurangabad Nephrology Society | 09.09.2017 - 10.09.2017 |
| Conference | PULMONAR-17 | Dept. of Respiratory Medicine on 'Respiratory insight to pulmonary residents and emerging chest physicians' | 14.10.2017 - 15.10.2017 |
| Conference | PLEXUS - 2017 | MGM Medical College, Aurangabad | 16.04.2017 - 17.04.2017 |

| | | | |
|-------------------------------|--|---|-------------------------|
| Guest Lecture | MENTAL HEALTH IN WORK PLACE | On occasion of Mental Health Day lecture on "MENTAL HEALTH IN WORK PLACE" by Dr.Sanjay Phadke, Consultant Phychiatrist, Deenanath Mangeshkar Hospital, Pune on 10-10-2017 | 10.10.2017 |
| Guest Lecture | Biomedical West Management by Dr. Manish Patel | Department of Microbiology | 16.04.2018 |
| Guest Lecture | Coccidian Parasites by Dr. Priti Lata Panda | Department of Microbiology | 16.04.2018 |
| Guest Lecture | Opporotunistic Infection in Immunocompromised by Dr. Priti Lata Panda | Department of Microbiology | 18.04.2018 |
| Guest Lecture | Health Care Associated Infections by Dr. Neeta Patwardhan | Department of Microbiology | 19.04.2018 |
| Guest Lecture | Health Care Associated Infections by Dr. Neeta Patwardhan | Department of Microbiology | 19.04.2018 |
| Guest Lecture | Heart Failure and ARNI by Dr. Satish Roplekar | Department of Microbiology | 09.06.2018 |
| Guest Lecture | Viral Haemorrhagic fever by Dr. Jayshree Bhakre | Department of Microbiology | 21.06.2018 |
| Guest Lecture | New Technologies in Identification and susceptibility testing of microbes by Dr. Harsul Mishra | Department of Microbiology | 28.06.2018 |
| Guest Lecture | Current Trends in Diagnosis of Leptospirosis by Dr. Suwarna Joshi | Department of Microbiology | 30.06.2018 |
| Training Program | Basic life support | MET and Department of Skill Development, MGM Medical College, Aurangabad | 27.01.2018 |
| Training Program | Basic life support | MET and Department of Skill Development, MGM Medical College, Aurangabad | 29.01.2018 |
| Fellowship Program & Workshop | 22 ACRSI Fellowship and Instructional Courses in Coloproctology Dr. Dilip Gode - Vice Chancellor, Datta Meghe Institute, Wardha guest of honour | MGM Medical College, Aurangabad | 02.04.2018 - 06.04.2018 |
| Workshop | BSS Workshop Basic Surgical Skills | Plexus 2018 MGM Medical College, Aurangabad | 11.04.2018 - 13.04.2018 |
| Workshop | Basic obstetrics Skills Workshop | Plexus 2018 MGM Medical College, Aurangabad | 12.04.2018 - 13.04.2018 |
| Workshop | Basic Clinical Skills | Plexus 2018 MGM Medical College, Aurangabad | 12.04.2018 - 13.04.2018 |

MGM SCHOOL OF PHYSIOTHERAPY, NAVI MUMBAI

MGM School of Physiotherapy was established as a constituent unit of Mahatma Gandhi Mission Institute of Health Sciences in 2008, when the first batch of students was admitted for BPT and MPT courses. The institution is equipped with infrastructure necessary for Physiotherapy education.

It is a growing institution which pledges to train globally competent Physiotherapists who can deliver state of the art services to patient care. Research is the thread running across graduate and post graduate courses up to PhD level.

The courses are designed to impart Physiotherapy knowledge along with skills underpinned by relevant biomedical and behavioral sciences. Problem based learning approach and innovative education strategies are used to facilitate integration of clinical and basic sciences.

Vision:

MGM Institute of Health Sciences aims to be a top ranking centre of Excellence in Health Science Education, Health Care and Research.

Mission:

Students graduating from the Institute will have the required skills to deliver the quality health care to all the sections of the society with compassion and benevolence, without prejudice or discrimination at an affordable cost.

Message from the Director



At, **MGM School of Physiotherapy**, Navi Mumbai we are striving to excel in academic, research & clinical services. Our efforts to train our students at global merit are strengthened by collaborative projects with Institutes across the world.

We aim to train physiotherapists to promote fitness and reduce burden of non-communicable diseases, enhance sports performance and maximize function following impairment. We are focused to extend our services to the urban & rural community in vicinity of MGM Institute of Health Sciences, Navi Mumbai.

Dr. Rajani Mullerpatan (PhD, M.Sc PT)
Professor Director

COURSES

BPT

Bachelor of Physiotherapy (BPT) is of four and half years duration affiliated to Mahatma Gandhi Mission Institute of Health Sciences (MGMIHS), Navi Mumbai.

MPT

This full time Master Degree program of two years duration focuses on gaining advanced knowledge and exclusive Physiotherapeutic skills in 5 specialty programs based on 5 clinical specialties.

Program Recognition

Maharashtra State Council for Occupational Therapy and Physiotherapy (MSOTPT)

Duration: 2 years

PhD

PhD program of Physiotherapy commenced in 2010. Currently there are 8 students enrolled in program working on several research projects at MGM School of Physiotherapy, Navi Mumbai & MGM School of Physiotherapy, Aurangabad.

Research Publication

1. Agarwal B, Mukri A, Shah M, Ganesan S L, Mullerpatan R. Effect of inspiratory muscle training in individuals with Parkinson 's disorder. International Journal of Health Sciences and Research 2017; 7(6):178-185.
2. Walankar P, Jain A. Correlation between balance, fear of fall and quality of life in osteoarthritis knee. Scholars Journal of Applied Medical Sciences (SJAMS, 2017, 5(7B):2621-2624.
3. Pitchai P, Chauhan S K, Sreeraj S R. Impact of kinesiophobia on quality of life in subjects with low back pain: a cross-sectional study. International Journal of Physiotherapy and Research 2017; 5(4): 2232-2239.

4. Gardas S, Nerurkar A, Yardi S. Effect of cervical muscle fatigue on postural stability. *International Journal of Physiotherapy and Research* 2017;5(4): 2289-2292.
5. Panhale V, Bellare B, Jiandani M. Evidence-based practice in Physiotherapy curricula: A survey of Indian Health Science Universities. *Journal of Advances in Medical Education & Professionalism* 2017;5(3):
6. Gurav R, Panhale V P. The association between neck pain and upper limb disability in patients with non- specific neck pain. *International Journal of Health Sciences and Research* 2017;7(7): 92-96.
7. Vijayendra R, Taher K, Nair S.A Study to compare the effect of dynamic stretching versus exercise drill on reaction time of cricket players. *International Journal of Sports Sciences and Fitness* 2017;7(2):
8. Krishnan V, Mahadik S. Musculoskeletal dysfunction amongst cricket umpires: a prevalence study. *International Education and Research Journal* 2018;4(1): 33-35.
9. Bose M, Bellare B, Shroff Parmar L. Exploring factors affecting quality of life (QOL) in people with parkinson's disease (PWP) in India: a focus group discussion (FGD) with professionals. *International Journal of Research in Social Sciences* 2018;8 (3): 546-556.
10. Reshma Gurav, Shweta Nahar, Practice of relaxation techniques amongst working women. *International Journal of Yoga Practice and Physiotherapy* 2018;
11. Rajani Mullerpatan, Sailakshmi Ganesan, S. Gupte. Influence of Focus of Attention during Acquisition of Motor Skills in Children of 3-9 Years. *Critical Reviews™ in Physical and Rehabilitation, Medicine*; 2018:30.
12. Bose M, Bellare B, Lata P. Effect of motor - cognitive dual task training on dexterity and function in people with parkinson's disease (PWP) using 9 hole peg test (9HPT). *International Journal of Recent Scientific Research* 2018;9(4H): 26090-26094.
13. Wani S K, Mullerpatan R P. Hand function in people with type 1 and type 2 diabetes. *International Journal of Diabetes in Developing Countries* 2018;1
14. *Agarwal B M, Deursen R V, Mullerpatan R P.* Influence of habitual deep squatting on kinematics of lower extremity, pelvis and trunk *International Journal of Health and Rehabilitation Science* 2018;7(1):1-19.

15. Nair SP, Kotian S, Hiller C, Mullerpatan R. Survey of Musculoskeletal Disorders Among Indian Dancers in Mumbai and Mangalore. *Journal of Dance Medicine & Science* 2018.
16. Pereira NF, Gaikwad S, Hemmerich A, Mullerpatan R P, Agarwal B. Birthing experience of women who have undergone normal deliver in a selected community of India. *International Journal of Innovative, Knowledge Concepts* 2018; 6(2):121-125.
17. Sreeraj R, Kohli S S, Bhaisaheb S. Short-term and long-term effects of interferential therapy and russian current on pain and quadriceps muscle strength in post operative lower limb fractures. *International Journal of Health Sciences and Research* 2018; 8(5)162-168.
18. Girdhar P, Kapadia D. A case study on lateral elbow tendinopathy. *International Journal of Recent Scientific Research* 9(3):25308-25310.
19. Jadhav N M. A study on correlation between the age, anthropometric measurement and hand grip strength in healthy individuals. *International Journal of Recent Scientific Research* 2018; 9(3): 25391-25394.
20. Shete R, SinghY, Shetty A, Singh Y, Sonawane A, Swami U, Tripathi P. Effect of 12 weeks zumba based training on physical fitness in young healthy adults. *International Journal of Recent Scientific Research* 2018; 9(3):25430-25436.
21. Bose M, Chhibber S, Parab S. Electrophysiological study to evaluate cross education in lower extremity using mirror movements in stroke. *International Journal of Health Sciences and Research* 2018; 8(5):156-161 .

Activities



Workshop on Exploring gait analysis - July 2019



Evidence based exercise testing in respiratory dysfunction- September 2017



Course in evaluation of Spine Care- November 2017



Injury prevention and performance enhancement for Indian classical dancers- Feb 2018



Dhamni CampER,



International Yoga Day 2018



Khel Mela 2018



Parkinson's support group



Residential Camp



Spinal Cord Injury support Group



Sports Camp at Police Tournament



Swaccha Bharat Abhiyan



Tree Plantation Drive



World Parkinson's Day 2018

MGM School of Physiotherapy, Aurangabad

Principal Message

MGM School of Physiotherapy, Aurangabad we have strong technical acumen staff have potential to tackle challenges pertaining to achieve goal in academic, research & patient care services. Our motto is to make our students achieve their designated future with right guidance of our teaching core faculty and continue focus of recent advances in treatment protocol to our students to sustain the global requirement of scope in different multidiscipline adjoining projects with organization across the world. We aim to prepare physiotherapists to promote healthy life style for all and lower down the secondary complication of primary source of diseases, also we have world standard sports stadium and indoor sports arena to give our students to develop their skills in sports performance and on field training to sports person and improve functions after dysfunction. We are imparting new methods to reach people of urban & rural community to deliver our services in vicinity of MGM Institute of Health Sciences, Aurangabad.



Dr. Zaki Anwer (M.P.T Musculoskeletal)
Professor & Incharge Principal

Introduction

MGM School of Physiotherapy was established under unit of Mahatma Gandhi Mission Institute of Health Sciences in 2008, among the first batch of students was admitted for BPT and MPT courses. The institute is well versed and having necessary equipment with infrastructure required for Physiotherapy curriculum.

The prosperity of institution has come up with significant known name in this region which is bound to impart trend changing knowledge to students to shape Physiotherapists skills in giving therapeutic treatment and quality of life changes in individuals who can render of services in state of art O.P.D setup for patient care. Innovative research for the students of graduate and post graduate courses up to PhD level.

This courses are formulated to deliver Physiotherapy knowledge and current approach for the patients along with skills planned for socio economic status person belong. Different approach on field exposure of rural and urban health

Problem prevailing in India to spread awareness among the society by our intervention based skills to impact the society for better living and healthy approach towards self-care are initiated by our team of students, especially in geriatric and women and child health in the region by using our clinical and basic sciences knowledge.

Vision:

Our vision is "Education for All". To fulfill our vision we welcome students from diverse backgrounds irrespective of region, religion, caste, economic strata and academic performance.

MGM School of Physiotherapy aspires to have a transformational impact on students through comprehensive education by inculcating qualities of competence, confidence and excellence

Mission:

To facilitate the students to gain knowledge by maintaining high standards of teaching, learning methodologies shaping talents of students, molding their character and imbuing them to become high quality physiotherapist.

To encourage the students to participate in social and cultural activities

Providing best of infrastructure comparable to international standards.

Facilitating research to create evidence for physiotherapy and adhering to evidence based services.

Creating equal opportunities to faculties and staff to update themselves on the advances in the field.

Creating awareness of physiotherapy through outreach programmes.

Conducting continuous physiotherapy education and workshops to share Knowledge and bring equality in clinical practice and education.

MGM Institute of Physiotherapy, Aurangabad, conducts the Bachelor of Physiotherapy (BPT) program; which has a duration of 4 ½ years (including 6 months of compulsory internship)

COURSES

BPT

Bachelor of Physiotherapy (BPT) is of four and half years duration affiliated to Mahatma Gandhi Mission Institute of Health Sciences (MGMIHS), Navi Mumbai.

MPT

This full time Master Degree program of two years duration focuses on gaining advanced knowledge and exclusive Physiotherapeutic skills in 5 specialty programs based on 5 clinical specialties.

Program Recognition

Maharashtra State Council for Occupational Therapy and Physiotherapy (MSOTPT)

Duration: 2 years

PhD

PhD program of Physiotherapy commenced in 2010.

Currently there are 1 students enrolled in program working on research projects at MGM School of Physiotherapy, Aurangabad.

Activities



15th - 17th December 2017 basic Workshop of Research Methodology



12th November 2017 Fresher's Day Celebration



7th October 2017 World Cerebral Palsy Day



23rd September 2017 Parents Meet



7th September 2017 world Physiotherapy Day Celebration



Radio Talk



Organ Donation Day on 29th Aug 2017



Autism Awareness Day on 2nd April 2018



Fitness Party 3rd Jan 2018



Students providing PT services to Athletes-Jalna, 2018



**Dr.Ashwinkhirsagar, Assistant professor in Sports physiotherapy
Indian boxer at Asian Championship with Bronze Medal, Thailand 2018
Sports Physiotherapist for National Boxing team for under 16 yrs.
Indian boxer at Golden Gloves Tournament with Gold Medal, Serbia 2018.**



30th January 2018 Swachhata Rally Phulambri



26th February 2018 annual gathering



7th April 2018 world Autism Day Celebration



1st - 4th JUNE 2018 MENSTRUAL AWARENESS WEEK



12th - 31st July 2018 swachh Bharat Summer Internship Program



Jalna Marathon 18th Oct 2018



MGM Triathlon 29TH DEC 2018



MGM Heritage Run 9TH DEC 2018

COLLABORATIONS AND LINKAGES



Sports Authority Of India (SAI)



AARAMBH (special children school)



SwayamSiddh (special children school)



Primary Health Care (PHC)

MGM New Bombay College Of Nursing, Navi Mumbai

MGM New Bombay College of Nursing, Navi Mumbai is recognized by Indian Nursing Council (INC), New Delhi and Maharashtra Nursing Council (MNC), Mumbai to offer undergraduate and Post Graduate programmes in Nursing. Innovative teaching learning methods correlating classroom teaching to clinical practices, supervised patient care, continual counseling and guidance, participation in various extra mural activities are few highlights of the institute. MGM New Bombay College of Nursing endeavours to maintain a student friendly environment to develop globally competent nurses who are capable to deliver compassionate, safe and effective patient care while keeping abreast of rapid advances in a highly complex health care environment.

Message from Director



MGM New Bombay College of Nursing a constituent unit of MGM Institute of Health Sciences (Deemed university u/s 3 of UGC Act 1956) Navi Mumbai had its inception in August 2008. The College is recognized by Indian Nursing Council, New Delhi and Maharashtra Nursing Council Mumbai, to offer undergraduate and post graduate degree programmes in nursing. The college is self paced with basic and advanced learning resources, well equipped class rooms, nursing laboratories, administrative offices, student lounges and a library with latest reference materials and online facilities.

The teaching faculty is appointed as per the norms laid down by Indian Nursing Council in terms of their qualification and experience. MGM group of hospitals provide rich field of hands-on clinical experience to the students under strict supervision by the nursing faculty. The faculty and students participate in variety of research activities and publish research papers on regular basis. To foster all round development, the students are encouraged to participate in various extracurricular and co curricular activities at local, state and national level.

Nursing is an excellent choice for men and women interested in healthcare career after successfully passing XII standard with science (physics, chemistry and biology) subject. On completion of course, the graduates have numerous job opportunities in the hospitals, communities, schools, educational institutions, research institutions and pharmaceutical companies in any part of the world. Upon successful completion of B.S Nursing programme, those who intend to continue their studies can opt for M.Sc and Ph.D studies in nursing from the same institution.

Nursing graduates can also opt for courses in hospital management, health care and public health management from MGM Institute of Health Sciences Navi Mumbai. To practice, a nurse needs to be knowledgeable, skillful and holds a right attitude to function as care giver, communicator, advisor, leader and an educator.

MGM Institute's University Department of Nursing endeavors to maintain a “student friendly environment” to provide quality education and prepare professional nurses sensitive to human needs.

Dr Prabha Dasila

Director



COURSES

| | Programmes | Duration | Seats |
|--------------------------------|--|-----------|-------|
| Undergraduate | Basic B. Sc Nursing | 4 years | 50 |
| | Post Basic B.Sc. Nursing | 2 years | 30 |
| | Post Basic Diploma Programme in | | |
| | • Critical Care Nursing | 1 year | 20 |
| | • Neonatal Nursing | 1 year | 20 |
| | • Operation Room Nursing | 1 year | 20 |
| • Cardio Thoracic Nursing | 1 year | 20 | |
| • Emergency & Disaster Nursing | 1 year | 20 | |
| Post Graduate | M.Sc. Nursing (Medical Surgical Nursing) | 2 years | 10 |
| | Nurse Practitioner in Critical Care (NPCC) | 2 years | 20 |
| PhD Nursing | | 3-5 years | |

Research Publication

1. Thomas S, Mohanty N, Dasila P K. Effect of antenatal lactation counselling on knowledge and breast feeding practice among mothers. *International Journal of Health Sciences* 2018; 8(2): 138-148.
2. Parab B S, Velhal G, Mathews M. A study to assess the quality of life among senior citizens in selected urban area of thane district of Maharashtra. *International Journal of Scientific Research* 2018; 7(5):65-67
3. Veer B, Ghanekar J, Dasila P, Are we physically active? Assessment using global physical activity questionnaire (GPAQ). *International Journal of Health Sciences and Research* 2018; 8(4):137-142.
4. Paste R M. Assess the effectiveness of planned health teaching on knowledge of mothers regarding nocturnal enuresis among children (age 5-10 years) in selected urban slums. *Indian Journal of Psychiatric Nursing* 2018; 1(1):1-4
5. Jacob S, Thomas S. Effect of educational intervention on knowledge regarding patient safety among undergraduate nursing students of Navi Mumbai. *International Journal of Nursing Education and Research* 2018; 6(1)61-65.
6. Yangad S P, Gopalkrishnan S, Effect of educational intervention on life style modification among hypertensive patients. *International Journal of Research* 2018; 5(16):1-5
7. Kadam V, Doke P, Mathews M. Effect of planned teaching on the knowledge, attitudes and practices of women pertaining to cervical cancer, screening and its secondary prevention, *International Journal of Applied Research* 2018; (8)2 1-4
8. Kadam V, Doke P, Mathews M. Effect of training on cognitive and affective domain pertaining to cervical cancer among rural women. *International Journal of Scientific Research* 2018; 7(3):1-4
9. Mathews M, Mohanty N C. Neonatal resuscitation: a systematic review. *International Journal of Scientific Research* 2018; 7(5):49-51
10. Fernandes S, Dasila P K, Banerjee A. Ventilator associated pneumonia prevention: awareness of ICU nurses on evidence based guidelines. *International Journal of Health Sciences and Research* 2018; 8(4):147-152
11. Sriram M, Doke P, Dasila P. Risk assessment of type 2 diabetes among family members of persons with and without diabetes mellitus in an urban community. *International Journal of Health Sciences* 2018; 8(4)11-15.
12. Bhowmik S R, Dasila P, Bhattacharjee. Impact of transition on psychological health parameters. *International Journal of Current Advance Research* 2018; 7(6): 13820-13823.

Activities

Anti Ragging Measures Meet (9 August 2017)



Bone Marrow Seminar 5 March 2018



Brestfeeding Awareness Campagin 2017-18



Community Activities



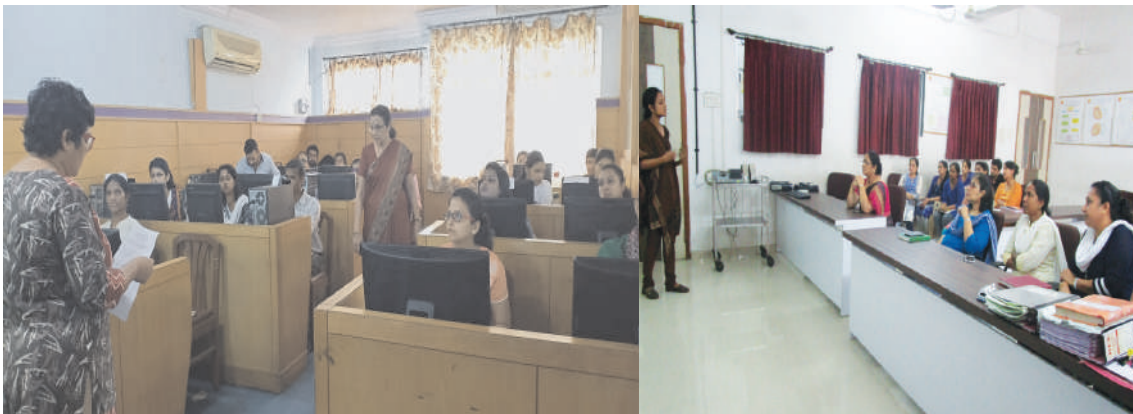
Fire Safety and Patients' care



Polio Camp 24 Jan 2018



Research Workshop and Aptitude workshops



Rotract Club on 4 Nov 2017 and 24 Nov 2017



Womens' Day Celebration



MGM SCHOOL OF BIOMEDICAL SCIENCES, NAVI MUMBAI

MGM School of Biomedical Sciences, since its establishment in 2009, as a department it started with mere 100 students under Medical college and it has recorded exponential growth over the years. MGMSBS is now a full-fledged educational and research institution with student strength reaching approximately 538+ and is now acclaimed as a centre of excellence in Allied Health Sciences. The reason for this growth and progress is mainly because of its demand-driven health related programs and the excellent infrastructure, clinical facilities and dedicated, qualified faculty. The school currently offers over 7 UG programs and 12 PG programs.

The majority of the alumni of the school are placed not only in reputed institute nationally but also overseas in universities, hospitals, healthcare teams and in private practice setups. We offer an intellectually stimulating environment coupled with rich cultural, social, sporting and harmonious life of the Institute campus.

Message from Director



MGM School of Biomedical Sciences is one of the premium Institutes in Navi Mumbai offering graduation in allied sciences & post graduation courses. The college is determined to outshine the yardstick set, thus uplifting to higher trajectory in developing, designing and delivering of curriculum, training the budding allied health professions to acquire clinical acumen and skills while promoting research relevant to local, regional and national needs. The college nurtures competence and skills to prepare the best of allied health professionals across all fields to optimize health and health care needs of individuals and the community as a whole. The quality of medical care has improved tremendously in the last few decades due to the advances in technology, thus creating fresh challenges in the field of healthcare. It is now widely recognized that health service delivery is a team effort involving both clinicians and non-clinicians, and is not the sole duty of physicians and nurses. Professionals that can competently handle sophisticated machinery and advanced protocols are now in high demand. In fact, diagnosis is now so dependent on technology, that allied healthcare professionals (AHPs) are vital to successful treatment delivery. The Institute coordinates professional learning experiences and training for students in the field of Paramedical Sciences. The

increasing demand of skilled paramedical professionals has opened up several career opportunities for young aspirants.

MGM School of Biomedical Sciences (MGMSBS) has seen considerable growth in the past few years, with the introduction of new programs of study, new disciplines, new initiatives and conviction to deliver excellence and nothing less. Within a short period of 10 years or so, MGMSBS under MGMIHS has established its academic repute across national border.

Presently there are very few institutions which impart proper training to the paramedical staff in a protocol based manner. MGMSBS is committed to providing quality training in the enormous field of paramedical sciences, through the devotion to the academic as well hands-on training of the program. Effective delivery of healthcare services depends largely on the nature of education, training and appropriate orientation towards community health of all categories of health personnel, and their capacity to function as an integrated team.

MGMSBS presents an education system that goes beyond chalk and talk; it believes in imparting its students the basic and advanced knowledge of a subject as well as the technical details. We, therefore, take every care for the student's bright future and help them to translate their dreams into reality.

The current annual report is a bouquet of the achievements and efforts towards excellence at MGMSBS for academic year 2017-18.

Dr. Mansee Thakur
I/C Director

COURSES

Under Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|---|----------|--|-----------------------|--------|------------------|
| B.Sc (Para-Medical Sciences) in 7 disciplines as follows:- | | | | | |
| 1.Operation Theatre & Anesthesia Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 2.Cardiac Care Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 3.Perfusion Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |

| | | | | | |
|---------------------------------|--------|--|---------|----|------------------|
| 3.Perfusion Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 4.Medical Laboratory Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 5.Medical Imaging Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 25 | UGC Notification |
| 6.Dialysis Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 7.Optomety | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |

Post Graduate Course(s)

| Course(s) | Duration | Medium of Instruction | Intake | Approved by |
|--------------------------------------|----------|-----------------------|--------|------------------|
| 1.Medical Anatomy | 3years | English | 20 | UGC Notification |
| 2.Medical Physiology | 3years | English | 20 | UGC Notification |
| 3.Medical Biochemistry | 3years | English | 20 | UGC Notification |
| 4.Medical Pharmacology | 3years | English | 20 | UGC Notification |
| 5.Medical Microbiology | 3years | English | 20 | UGC Notification |
| 6.Medical Genetics | 2years | English | 30 | UGC Notification |
| 7.Medical Biotechnology | 2years | English | 30 | UGC Notification |
| 8.Clinical Research | 2years | English | 20 | UGC Notification |
| 9.Masters in Hospital Administration | 2years | English | 20 | UGC Notification |
| 10.M.Sc. in Biostatistics | 2years | English | 20 | UGC Notification |
| 11.Masters in Public Health | 2years | English | 20 | UGC Notification |

Ph.D. Courses

- Medical Sciences (Pre, Para & Clinical Subjects)
- Medical Biotechnology
- Medical Genetics
- Hospital Administration
- Biostatistics

Research Publication

1. Sahu R, R, Mhatre S, Rathod P, Kulkarni C, Yadav R P. Pancreatic lipase inhibitors from plant sources for possible use as antiobesity drugs. MGM Journal of Medical Sciences 2017; 4(4): 177-184.
2. Jindal G D, Jain R K, Bhat S N, Pande J A, Sawant MS, Jindal S K, Deshpande AK. Harmonic analysis of peripheral pulse for screening subjects at high risk of diabetes. Journal of Medical Engineering and Technology 2017; 41(6): 437-443.
3. Rane-Yadav K S, Jhurani D, Joshi D S, Mohanty N C, Kadam N N. Studies on single-nucleotide polymorphisms in the FUT2 gene and their association with host susceptibility to rotavirus infection of P[4] and P[8] genotypes. MGM Journal of Medical Sciences, 2017; 4(3): 107-116.
4. Desai S C, Doke P, Mohanty N C. Role of health care workers during emergency preparedness in selected hospitals of Navi Mumbai. International Journal of Scientific Study 2017; 5(3): 77-80.
5. Hafiz S M, Kulkarni S, Thakur M K. In-vivo toxicity assessment of biologically synthesized iron oxide nanoparticles in zebrafish (*Danio Rerio*). Biosciences Biotechnology Research Asia 2018; 15(2): 419-425.
6. Mishra A, Doke P. Indian Teaching hospital and quality health care from global perspective: A reality check in Maharashtra, India. MGM Journal of Medical Sciences 2018; 5(1): 17-22.
7. Deshpande S G, Srivastava. Over-the counter drug market in India: A study to understand the current regulatory perspective and industry dynamics. MGM Journal of Medical Sciences 2018; 5(1): 33-36.
8. Deshpande S G, Srivastava. A comparative study to indentify the OT Cbrand preference in the antacid segment and the influencing factors for consumer purchase. International Journal of Innovative Pharmaceutical Sciences and Research 2018; 6(3): 97-117.
9. Srivastava R K, Bodkhe J Does brand equity play a role on doctors prescribing behavior in emerging markets?. International Journal of Healthcare Management 2018; 1(10):
10. Abbi R. Effects of Diet Pattern on Nutritional Status of Schoolchildren: A Study in One Township of Navi Mumbai, Maharashtra, India, MGM Journal of Medical Sciences 2018; 5(2): 81-84.

11. Gupta H., Singh D, Vanage G, Joshi D S, Thakur M. Evaluation of histopathological and ultrastructural changes in the testicular cells of wistar rats post chronic exposure to gold nanoparticles. *Indian Journal of Biotechnology* 2018; 17 (1):9-15.
12. Haidar S, Bhanushali PB, Shukla KK, Modi D, Puri CP, Badgujar SB, Chugh M. Simplified approach for in-vitro production and purification of cell derived Cancer Antigen 15-3. *International Journal of Biological Macromolecules* 2018;107: 1456 - 1462
13. Gupta H, Thakur M. Evaluation of homeopathic drugs on Glucocorticoid induced osteoporosis (GIOP) zebrafish model. *CABI's Journal* 2018; 13(1):32-38.
14. Kulkarni S, Thakur M. Green synthesis and characterisation of iron oxide nanoparticles using hydroponically grown spinach plant extract. *Asian Journal of Bio Science* 2018; 13(1): 44-49.

Genetics

1. Ganguly B B. Small-molecule inhibitors of epigenetic mutations as compelling drug- targets for myelodysplastic syndrome. *Current Cancer Drug Targets* 2017; 17(7): 586-602.
2. Ganguly BB, Kadam N N. Down syndrome: Form the age of characterization to the era of curative approach. *The Nucleus* 2017; 60(2): 197-208.
3. Ganguly B B, Daruwalla D, Kadam N N. Attitude of parents of carrier screening for genetically transmitted diseases in India. *MGM Journal of Medical Sciences* 2017; 4(4): 187-190.
4. Mandal S, Ganguly B B, Kadam N N. Exfoliated deciduous tooth as the source of stem cells: A technique for proliferation and chromosome analysis in vitro. *MOJ Cell Sciences and Report* 2017; 4(5): 128-130.
5. Ganguly B B, Mandal S. Cytogenetic changes in the Bhopal population exposed to methyl isocyanate (MIC) in 1984: Then and 30 years later. *Mutation Research* 2017; 824: 9-19.
6. Ganguly BB, Mandal S, Banerjee N. Chromosomal mutations of hematologic malignancies of the elderly: Chromosomal aberration of

indeterminate potential in MIC: Exposed Bhopal population. Journal Forensic Toxicol Pharmacol 2017;6(2): 78.

7. Ganguly B B, Mandal S, Kadam N N. Spectrum of health condition in methyl isocyanate(MIC)-exposed survivors measured after 30 years of disaster. Environmental Science Pollution Research International 2018; 25(5): 4963-4973.
8. Ganguly B B, Banerjee D, Agarwal M B. Impact of chromosome alterations, genetic mutations and clonal hematopoiesis of indeterminate potential (CHIP) on the classification and risk stratification of MDS. Blood Cells Molecules and Diseases 2018;69: 90-100.
9. Ganguly B B, Mandal S, Banerjee N, Kadam N N, Abbi R. Effect of age at exposure on chromosome abnormalities in MIC: exposed Bhopal population detected 30 years post: Disaster. Mutation Research 2018; 809: 32-50.

Activities

College fest: exhuberance 2017



Jagtik Marathi diwas



Fire Safety Demonstration



Induction Program 2017



Swachh Bharat



Phlebotomy workshop



Gender sensitization Programme



Industry Visit



MGM School of Biomedical Sciences, Aurangabad**Message from the Director**

MGM School of Biomedical Sciences is one of the premium Institutes in Aurangabad offering graduation in Allied Health Sciences & Post Graduate Courses.

MGM School of Biomedical Sciences (MGMSBS) has seen considerable growth in the past few years, with the introduction of new programs of study, new disciplines, new initiatives and conviction to deliver excellence and nothing less. Within a short period of 10 years or so, MGMSBS under MGMIHS has established its academic repute across national border.

Presently there are very few institutions which impart proper training to the paramedical staff in a protocol based manner. MGMSBS is committed to providing quality training in the enormous field of paramedical sciences, through the devotion to the academic as well hands-on training of the program. Effective delivery of healthcare services depends largely on the nature of education, training and appropriate orientation towards community health of all categories of health personnel, and their capacity to function as an integrated team.

MGMSBS presents an education system that goes beyond chalk and talk; it believes in imparting its students the basic and advanced knowledge of a subject as well as the technical details. We, therefore, take every care for the student's bright future and help them to translate their dreams into reality.

Dr Veena Hatolkar
I/C Director

The department of Biomedical Sciences is established in academic year 2007-08. B.Sc. courses in various medical subjects are offered to prepare skillful technicians to support healthcare system.

It is a growing institution which pledges to train competent technicians who can deliver state of the art services to patient care.

The courses are designed to impart knowledge along with skills underpinned by relevant biomedical and behavioral sciences. Problem based learning approach and innovative education strategies are used.

Vision

MGM Institute of Health Sciences aims to be a top ranking centre of Excellence in Health Science Education, Health Care and Research.

Mission

Students graduating from the Institute will have the required skills to deliver the quality health care to all the sections of the society with compassion and benevolence, without prejudice or discrimination at an affordable cost.

As a Research Centre, it shall focus on finding better, safer and affordable ways of diagnosing, treating and preventing diseases. In doing so, it will maintain highest ethical standard.

Courses offered

Duration of course: 3 years plus 1 year compulsory internship

1. BSc. Medical Laboratory Technology - 30
2. BSc. Perfusion Technology - 05
3. BSc. Cardiac care Technology - 05
4. BSc. Optometry- 20
5. BSc. Imaging Technology -30
6. BSc. Operation Theatre - 20
7. BSc. Dialysis Technology - 20

Under Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|---|----------|--|-----------------------|--------|------------------|
| B.Sc (Para-Medical Sciences) in 7 disciplines as follows:- | | | | | |
| 1.Operation Theatre & Anesthesia Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 2.Cardiac Care Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 3.Perfusion Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 4.Medical Laboratory Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 5.Medical Imaging Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 25 | UGC Notification |
| 6.Dialysis Technology | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |
| 7.Optomety | 3 Yrs. | XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses | English | 20 | UGC Notification |

Post Graduate Course(s)

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Intake | Approved by |
|---|----------|--|-----------------------|--------|------------------|
| M.Sc. [Medical] in 8 Disciplines as follows: | | | | | |
| 1.Medical Anatomy | 3years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 20 | UGC Notification |
| 2.Medical Physiology | 3years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 20 | UGC Notification |
| 3.Medical Biochemistry | 3years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 20 | UGC Notification |

| | | | | | |
|--------------------------|---------|--|---------|----|------------------|
| 4. Medical Pharmacology | 3 years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/B.Sc Nursing/ MBBS /BDS] or any equivalent degree of any recognized University | English | 20 | UGC Notification |
| 5. Medical Microbiology | 3 years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 20 | UGC Notification |
| 6. Medical Genetics | 2 years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 30 | UGC Notification |
| 7. Medical Biotechnology | 2 years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 30 | UGC Notification |
| 8. Clinical Research | 2 years | Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University | English | 20 | UGC Notification |

Ph.D. [Medical] in 7 disciplines as follows:-

| Course(s) | Duration | Entry Qualification | Medium of Instruction | Total Intake | Approved by |
|--------------------------|----------|---------------------|-----------------------|--------------|------------------|
| 1. Medical Anatomy | 3 years | * | English | | UGC Notification |
| 2. Medical Physiology | 3 years | * | English | | UGC Notification |
| 3. Medical Biochemistry | 3 years | * | English | | UGC Notification |
| 4. Medical Pharmacology | 3 years | * | English | | UGC Notification |
| 5. Medical Microbiology | 3 years | * | English | | UGC Notification |
| 6. Medical Genetics | 3 years | * | English | | UGC Notification |
| 7. Medical Biotechnology | 3 years | * | English | | UGC Notification |

Research Publications

1. Talib Y, Talib S H. Implementation of bioinformatics for the study of neurological diseases based on ANN (Artificial Neural Network) using TAU protein. International Journal of Medical Science and Innovative Research 2017; 2(6): 283-287.
2. Yusuf T, Talib S H. Bioinformatics lab and diabetes mellitus: A review. International Journal of Scientific Research in Sciences and Technology 2018; 4(5): 1192-1200.
3. Dr. Rajesh Dase, "Level of knowledge of Reproductive health issues and sexual behavior among street adolescents in Mumbai". Asian Journal of Multidisciplinary studies Jan. 2017; Vol 5, Issue 1.
4. Dr. Rajesh Dase, "A deep insight on "Depression". Review article". International Journal of Current Medical and Applied Sciences May 2017, Vol. 14, Issue 3, Page No. 10-112
5. Dr. Suparna Bindu, "Comparative analysis of small group teaching and Didactic lectures along with student's perception: A study conducted in the subject of Pathology" , International journal of current medical and applied sciences, Jan. 2017, 2321-9335, Page No. 91-94
6. Dr. V. P. Bansal, "Prevalance of MSRA, ESBL and Carbapenemase producing isolates obtained from Endotracheal and Tracheal tubes secretions of ICU patient at Tertiary Care Centre", International Journal of Current microbiology and applied sciences, 2017, Vol. 6, No. 4, Page No. 288-299

Clinical and Extension Activities



Camp location : - Nayegaon, Aurangabad On 09 August 2018.



Camp location : - Jahangir Colony Harsul, Aurangabad On 16 September 2018.



Teacher's Day Celebration



Camp location : - Pachod, Dist Aurangabad On 13 October 2018.



Camp location : - Cidco Aurangabad On 13 December 2018

CLINICAL ACTIVITIES



Student observing how to diagnose squint



Student observing how to check IOP and Sac Syringing

MGM Institute's University Department of Prosthetics and Orthotics, Navi Mumbai

Introduction

MGM University Department of Prosthetics and Orthotics started rendering services since 2011, under the MGM Medical College and Hospital, Navi Mumbai. We are empanelled under the MAHATMA JYOTIBA PHULE JAN AROGYA YOJNA (MJPJAY) for Raigad District and have been playing pivotal role in providing aids and appliances to “DIVYANGJAN”.

With the aim to provide the best of Prosthetic –Orthotic Education, the MGM Institute's University Department of Prosthetics and Orthotics, Constituent unit of MGM Institute of Health Sciences (Deemed to be University u/s 3 of UGC Act, 1956) Navi Mumbai, was started in 2014. Prosthetics and Orthotics is a specialized health care profession, which combines a unique blend of clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe, fabricate, and fit Orthoses and Prostheses. Rehabilitation of persons with locomotor disabilities or neuromuscular disorder is a team work, where Centre of attention are the persons with disabilities. This work requires substantial clinical and technical judgment.

Prosthetic and Orthotic Professional does not only provide service to persons with neuro musculoskeletal disorder and persons with disability, but also it provides service to general health and work related disorder such as foot disorders, fractures, sports injuries, disorders due to aging, tendinitis, muscular pain, aesthetic restoration etc.. Prosthetics and Orthotics Professionals play an important role in the comprehensive pre and post-surgical management of amputee and other neuro-musculoskeletal disorders. Prosthetics and Orthotics Professionals make the patient independent, confident and useful member of the society through comprehensive prosthetic and orthotic management.

Message from the Principal



With the Motto “**IMPOSSIBLE itself means I'm POSSIBLE**”, the Department of Prosthetics and Orthotics started rendering services since 2011, under the MGM Medical College and Hospital, Navi Mumbai.

Since its inception, the department is striving towards making Raigad district free of special challenges faced by “Divyangjan”, and empowering them to lead a better quality of life. This has been further enhanced by the Intake of students through Lateral entry in Third year and

21 students in First year of Bachelors Degree of Prosthetics and Orthotics. Our Third year students, being the forerunners, have been participating in all the extension activities planned by the MGM Institute of Health Sciences like Swachha Bharat Abhiyan, Unnat Bharat Abhiyan etc. Their presence in the underdeveloped gram panchayats has helped us in spreading awareness among the root level villages about the different prosthetic and orthotic services available at MGM.

Besides the above, the industry –academia relationship is blooming by the visits of our students to Otto Bock Health care India Private Limited and seminars on Advancements in Upper extremity Prosthetics (Myoelectric).

My heartiest to team of enthusiastic staff and students for a bright and prosperous future, in the nest MGMIHS Educational Campus, Navi Mumbai.

Dr. Swagatika Mishra
I/C Principal, MGMIHS

Vision:

MGM Institute's University Department of Prosthetics and Orthotics aims to be the top ranking center of excellence in Prosthetics and Orthotics Education & Research, among Deemed Universities across India. Students graduating from the Institute will have the required skills to deliver quality Prosthetic and Orthotic services at an affordable cost to all Divyangjan, without prejudice or discrimination.

Mission:

To improve the quality of life, both at individual & community levels by impairing quality Rehabilitation Education to tomorrow's professionals by advancing knowledge in all fields of the Prosthetic and Orthotic sciences through meaningful and ethical research.

Objectives:

1. To extend the benefits of knowledge and skills for development of Divyangjan and the society.
2. To build up financial self-sufficiency by undertaking academic and Prosthetic Orthotic programs and resource generative services, in a cost effective manner.
3. To generate and promote a sense of self respect and dignity amongst the Divyangjan of the society.

4. To publish journal, seminar books and such other literatures as may be useful for furthering the cause of education.
5. To start, maintain & run Prosthetic and Orthotic clinics, Prosthetic and Orthotic consulting Programme.
6. To acquire basic management & administrative skills in the areas of materials, financial and human resources related to prosthetics and orthotics.
7. To organize all types of Prosthetic and Orthotic camps for checkup and to give treatment to the Divyangjan.
8. To practice prosthetics & orthotics ethics in patient care, service delivery, and research.
9. To develop attitude for self-learning and acquire necessary skills, including the use of appropriate technologies.

Duration of the Programme:

The duration of the programme is of Four and half academic years (inclusive of 6 months of internship), which can be completed in a maximum of 6 years from the date of admission to the programme as per RCI guidelines.

Activities



Orthotics from 2017 to 2018

MGM Institute Universities Department of Prosthetics & Orthotics conducted A Two Days' Rehabilitation Camp on 28th & 29th March 2017 in association with Artificial Limbs Manufacturing Company (ALIMCO), which is a government statutory body. Total 50 patients which include Prosthetic & Orthotic Cases were benefitted by this camp.

On 18th August 2017, Department of Prosthetics and Orthotics had conducted a distribution camp in the collaboration with ALIMCO at MGM University, Kamothe, Navi Mumbai.

Nearly 400 Divyangajan (especially abled patients) were distributed aids and appliances such as Prostheses and Orthoses, Motorised wheelchairs, Smart canes, MSEID KITS etc. sponsored by Mazgaon dock ship Builders Ltd. Under CSR (Corporate Social



On 23rd and 24th March 2018, Department of Prosthetics & Orthotics organized Two days Hands On C.R.E. On Orthotic Management of Cerebral Palsy with approval of Rehabilitation Council of India dated 5/12/2017. Total 35 delegates including 6 speakers were benefitted by this CRE. Two patients were fitted with Bilateral Tone Reducing Ankle Foot Orthosis.

Advanced Systems in Prosthetics



Advancements in Pedorthic Medicines



Date :- 6th to 17th September 2018
Unnat Bharat Abhiyan Baseline Household Survey



Gandhi Jayanti Celebration 2018



Industrial Visit to Otto-Bock



Seminars conducted from July to Dec 2018

| DATES | SEMINAR DETAILS | NO.OF PARTICIPANTS |
|--|---|--|
| 29 th & 30 th November | Advancements in Upper Extremity Prosthetics | 43 (including faculties and students) |

Advanced Systems in Prosthetics



TEACHER'S DAY CELEBRATION



SOME CULTURAL EVENTS

DUSHAHARA POOJA



VISHWAKARMA POOJA



Advance Prosthetic System



UGC Review Committee Visit

(27th to 29th September 2017)



From Left to right: Dr. P.G. Ramesh, Dr. G. S. Narshetty, Dr. S. K. Kaul, Dr. P. M. Jadhav, Dr. S. N. Kadam, Prof. M. C. Misra, Mr. Avichal Kapoor, Dr. M. D. Chauhan, Prof. K.P.S. Malik, Dr. C. P. Puri, Dr. R. B. Goel



MGMIHS Hall of Achievement (Navi Mumbai)



MGMIHS Skill Lab (Aurangabad)



MAHATMA GANDHI MISSION

MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

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