



MAHATMA GANDHI MISSION
MGM INSTITUTE OF HEALTH SCIENCES
(Deemed to be University u/s 3 of UGC Act, 1956)



ANNUAL REPORT

2019-2020

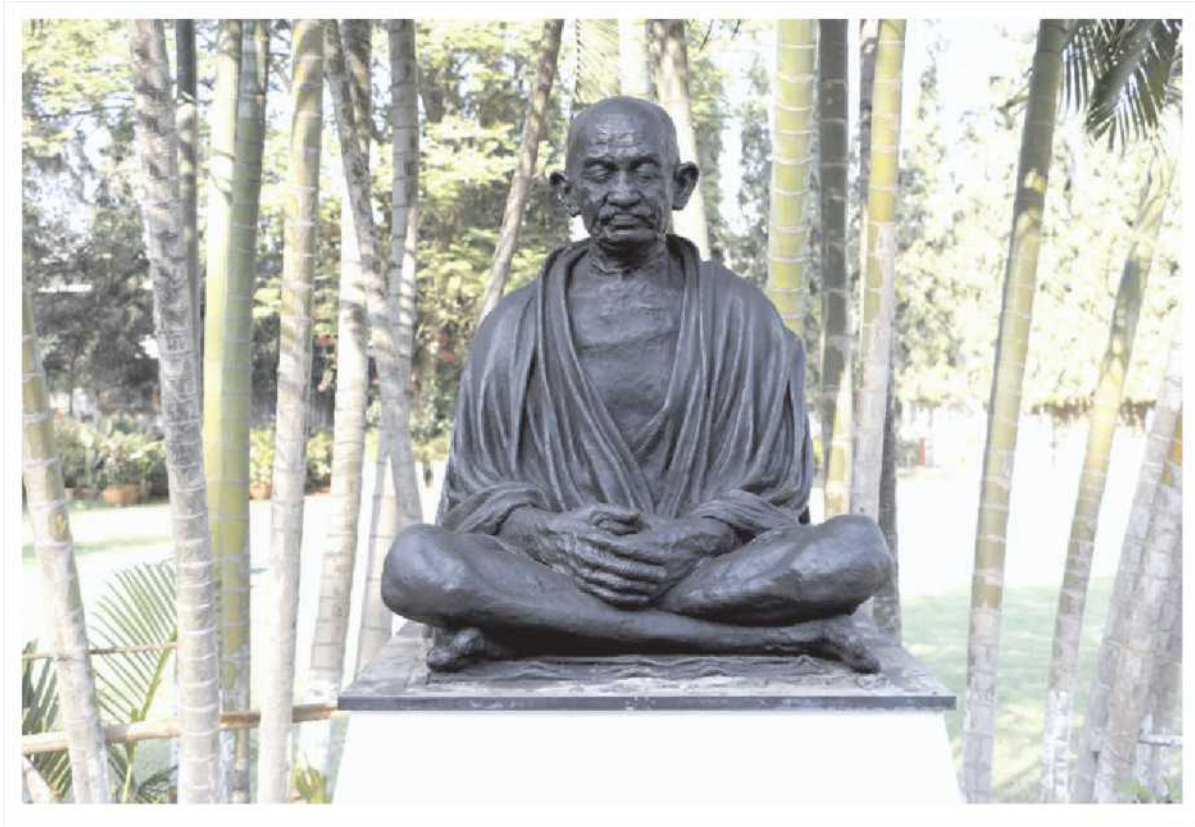


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INSPIRING MINDS



'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.

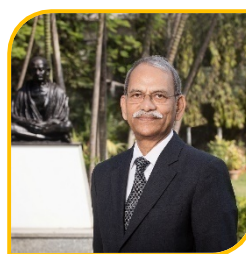
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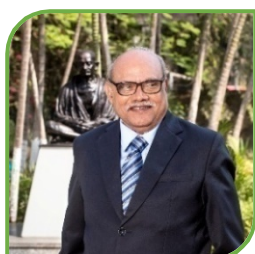
ADVISORY COMMITTEE



Dr. Shashank D. Dalvi
Vice Chancellor, MGMIHS, Navi Mumbai



Dr. Sudhir N. Kadam
Medical Director & Former Vice Chancellor
MGMIHS, Navi Mumbai



Dr. P.M.Jadhav
Vice Chairman, MGM Trust



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



Dr. Ajit G Shroff
Medical Director
MGM Medical College & Hospital, Aurangabad



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



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



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

EDITORIAL BOARD



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Registrar, MGMIHS
MGMIHS, Navi Mumbai



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Dy. Registrar
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Medical Superintendent
MGM Medical College and Hospital
Navi Mumbai



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Nursing, Navi Mumbai



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MGM School of Physiotherapy,
Navi Mumbai,



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I/C Principal,
University Department of P & O,
Navi Mumbai



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



Dr Raman Yadav
Technical Director
Central Research Laboratory,
MGM Medical College,
Navi Mumbai



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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 Rinkle Hotwani
I/C Director,
MGM School of physiotherapy
Aurangabad*

Message from Shri Kamalkishor N. Kadam, Hon'ble Chairman & Chancellor, MGMIHS



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

*Shri Kamalkishor N. Kadam
Hon'ble Chairman & Chancellor, MGMIHS*



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

Medical Director & Former Vice Chancellor's Message



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

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
Medical Director & Former Vice Chancellor
MGMIHS

Vice Chancellor's Message



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



MGM IHS 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 MGM IHS.

Dr. Rajesh B. Goel
Registrar
MGM IHS

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 "Katthak", "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.

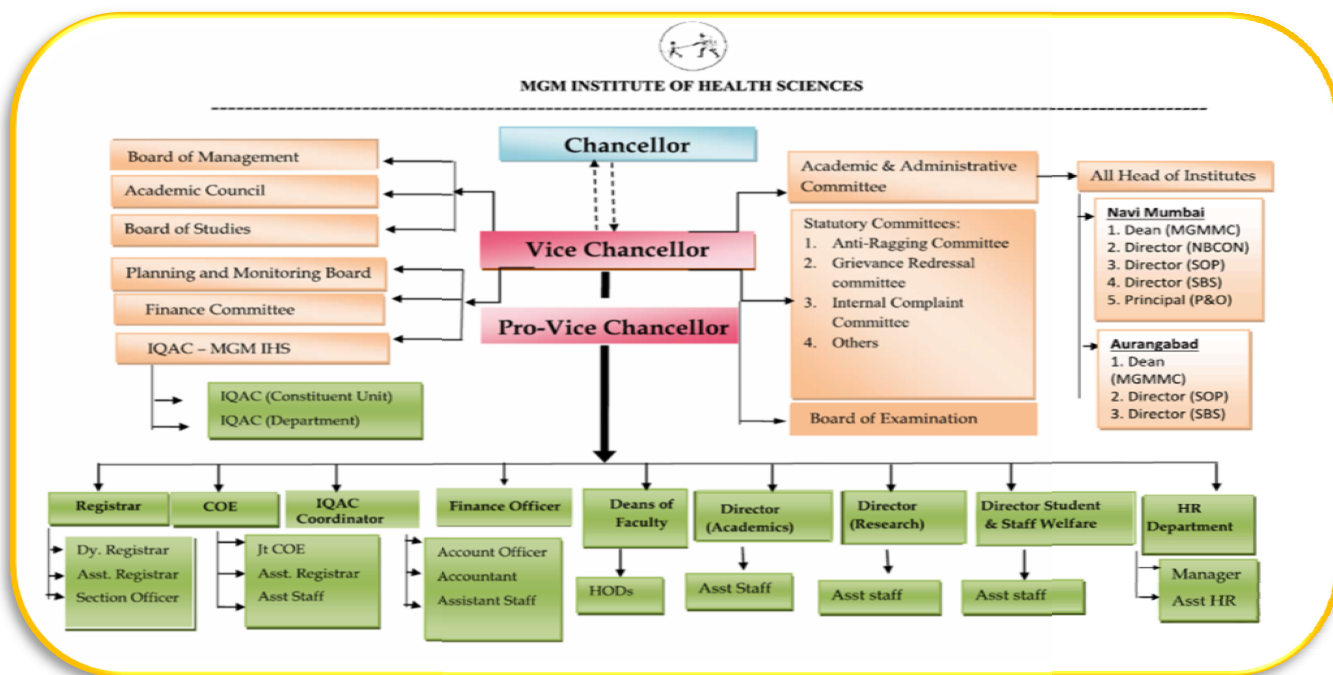
The University has over 4000 students enrolled in different colleges and departments in the two campuses. During the academic year 2016, the University had admitted about 1178 students in various programmes. Appreciably, the number of female students taking admission is more (about 63%) as compared to 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 Institute's University Department of Prosthetics and Orthotics, Navi Mumbai |

MGMIHS AUTHORITIES

BOARD OF MANAGEMENT

| Name | Designation |
|-------------------------------|--|
| Dr. Shashank D. Dalvi | Hon'ble Vice Chancellor (Chairperson) |
| Dr. G.S. Narshetty | Dean Faculty (Medical –PG) |
| Dr. R. B. Bohra | Dean Faculty (Medical –UG) |
| Dr. Pravin H. Shingare | Three eminent academics nominated by Chancellor |
| Dr. Nivritti G. Patil | |
| Dr. Prakash Doke | |
| 'Awaited' | One eminent academic nominated by Central Govt. in consultation with UGC |
| Dr. Prabha Dasila | Two Teachers (from Professor & Associate Professor) by rotation based on seniority Member |
| Dr. Madhuri Engade | |
| Shri. A.N. Kadam | Maximum of four nominees of the sponsoring society/trust |
| Dr. P.M. Jadhav | |
| Dr. S.N. Kadam | |
| Dr. N. N. Kadam | |
| Dr. R.B. Goel | Secretary |

ACADEMIC COUNCIL

| Category | Name | Location |
|--------------------------------------|--|--|
| Vice Chancellor - Chairperson | Dr. Shashank D. Dalvi | MGM Institute of Health Sciences, Navi Mumbai |
| Deans of Faculties | Dr. G.S. Narshetty (Medical – PG) | MGM Medical College, Navi Mumbai |
| | Dr. R. B. Bohra (Medical –UG) | MGM Medical College, Aurangabad |
| | Dr.(Mrs.) Prabha Dasila (Nursing & AHS) | MGM New Bombay College of Nursing, Navi Mumbai |
| Heads of the Departments | Dr. (Mrs.) Anjali Sabnis (Anatomy) | MGM Medical College, Navi Mumbai |
| | Dr. Gautam A. Shroff (Anatomy) | MGM Medical College, Aurangabad |
| | Dr. Ravindra S. Inamdar (Physiology) | MGM Medical College, Navi Mumbai |
| | Dr. Pramod U. Shinde (Physiology) | MGM Medical College, Aurangabad |
| | Dr. Parineeta Samant (Biochemistry) | MGM Medical College, Navi Mumbai |
| | Dr. Dhananjay V. Bhale (Biochemistry) | MGM Medical College, Aurangabad |
| | Dr. A.D. Urhekar (Microbiology) | MGM Medical College, Navi Mumbai |
| | Dr. (Mrs.) Manjushree H. Bhalchandra (Microbiology) | MGM Medical College, Aurangabad |
| | Dr. Savita Shahani (Pharmacology) | MGM Medical College, Navi Mumbai |
| | Dr. Deepak S. Bhosale (Pharmacology) | MGM Medical College, Aurangabad |
| | Dr. Shilpi Sahu (Pathology) | MGM Medical College, Navi Mumbai |
| | Dr. C. P. Bhale (Pathology) | MGM Medical College, Aurangabad |
| | Dr. Rajiv Choudhari (FMT) | MGM Medical College, Navi Mumbai |
| | Dr. Navin Kumar Varma (FMT) | MGM Medical College, Aurangabad |
| | Dr. Prasad Waingankar (Community Medicine) | MGM Medical College, Navi Mumbai |

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| Dr. Shobha B. Salve (Community Medicine) | MGM Medical College, Aurangabad |
| Dr. (Mrs.) Jaishree Ghanekar (General Medicine) | MGM Medical College, Navi Mumbai |
| Dr. Naik Manjiri Rajiv (General Medicine) | MGM Medical College, Aurangabad |
| Dr. Vijay Kamale (Paediatrics) | MGM Medical College, Navi Mumbai |
| Dr. (Mrs.) Anjali V. Kale (Paediatrics) | MGM Medical College, Aurangabad |
| Dr. Pradeep Potdar (TB & Chest) | 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. Ashish R. Deshmukh (Dermatology) | MGM Medical College, Aurangabad |
| Dr. Rakesh Ghildiyal (Psychiatry) | MGM Medical College, Navi Mumbai |
| Dr. Arun V. Marvale (Psychiatry) | MGM Medical College, Aurangabad |
| Dr. R. L. Gogna (Anaesthesia) | MGM Medical College, Navi Mumbai |
| Dr. Sasturkar Vasanti Mukund (Anaesthesia) | MGM Medical College, Aurangabad |
| Dr. Preeti Kapoor (Radiology) | MGM Medical College, Navi Mumbai |
| Dr. Prasanna S. Mishrikotkar (Radiology) | MGM Medical College, Aurangabad |
| 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. Lakshmi N. Rachkonda (OBGY) | MGM Medical College, Aurangabad |
| Dr. (Mrs.) N. Abidi (Ophthalmology) | MGM Medical College, Navi Mumbai |

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| Dr.(Mrs.) Jyotika P. Mishrikotkar (Ophthalmology) | MGM Medical College, Aurangabad |
| Dr. Alfven Vieire (Orthopaedics) | MGM Medical College, Navi Mumbai |
| Dr. Rajendra N.Shewale (Orthopaedics) | MGM Medical College, Aurangabad |
| Dr. Kalpana Rajivkumar (ENT) | MGM Medical College, Navi Mumbai |
| Dr. Reena Anil Vare (ENT) | MGM Medical College, Aurangabad |
| Dr. R. Rathod (Cardiology) | MGM Medical College, Navi Mumbai |
| Dr. Ashish V. Deshpande (Cardiology) | MGM Medical College, Aurangabad |
| Dr. Piyush Singhania (Urology) | MGM Medical College, Navi Mumbai |
| Dr. Martand G. Patil (Urology) | MGM Medical College, Aurangabad |
| Dr. Manohar B. Kalbande (CVTS) | MGM Medical College, Aurangabad |
| Dr. Sameer Kadam (CVTS) | MGM Medical College, Navi Mumbai |
| 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. Srivalli Natrajan (Oral Maxillofacial Surgery) | MGM Medical College, Navi Mumbai |
| Dr. Rajesh P. Jambure (Dentistry) | MGM Medical College, Aurangabad |
| Dr. Avinash D. Yelikar (Plastic Surgery) | MGM Medical College, Aurangabad |
| Dr. Rajani Mullerpatan (Physiotherapy) | MGM School of Physiotherapy, Navi Mumbai |
| Prof. Dr. Zaki Anwar (Physiotherapy) | MGM School of Physiotherapy, Aurangabad |
| Dr. (Mrs.) Meruna Bose (Physiotherapy) | MGM School of Physiotherapy, Navi Mumbai |
| Dr. (Mrs.) Mansee Thakur (Biotechnology) | MGM School of Biomedical Sciences, Navi Mumbai |

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| | Dr. Veena Hatolkar (Biochemistry) | MGM School of Biomedical Sciences, Aurangabad |
| | Mrs. Uttara Deshmukh | MGM Institute's University Department of Prosthetics & Orthotics |
| | Dr. Raman P. Yadav (Biotechnology) | MGM IHS OMICS, Research Centre, Navi Mumbai |
| | Dr. Seema Gupta (Immuno Haematology & Blood Transfusion) | MGM Medical College, Navi Mumbai |
| Ten Professors other than the Heads of the Departments (by rotation based on inter- se seniority) | Dr. (Mrs.) Ipseeta Ray (Pharmacology) | MGM Medical College, Navi Mumbai |
| | Dr. Anahita B. Hodiwala (Microbiology) | MGM Medical College, Navi Mumbai |
| | Dr. Z.G. Badade (Biochemistry) | MGM Medical College, Navi Mumbai |
| | Dr. (Mrs.) Ujjwala Maheswari (Pathology) | MGM Medical College, Navi Mumbai |
| | Dr. K.R. Salgotra (Orthopaedics) | MGM Medical College, Navi Mumbai |
| | Dr. (Mrs.) Swati S. Shiradkar (OBGY) | MGM Medical College, Aurangabad |
| | Dr. Vishwas Sathe (Anaesthesia) | MGM Medical College, Navi Mumbai |
| | Dr. Sarika Gadekar (Ophthalmology) | MGM Medical College, Aurangabad |
| | Dr. Sadhana Kulkarni (Anaesthesia) | MGM Medical College, Aurangabad |
| | Dr. Girish Gadekar (Orthopaedics) | MGM Medical College, Aurangabad |
| Two Associate Professors from the Departments other than the Heads of the Departments (by rotation based on inter- se seniority) | Dr. Devidas Dahiphale (Radiology) | MGM Medical College, Aurangabad |
| | Dr. Samir Pachpute (Microbiology) | MGM Medical College, Navi Mumbai |
| Two Assistant Professors from the | Dr. Rajesh Kadam (Pharmacology) | MGM Medical College, Aurangabad |

| | | |
|---|--|---|
| Department (by rotation of seniority) | Dr. Shreeja Nair (Respiratory Medicine) | MGM Medical College, Navi Mumbai |
| Three persons from amongst educationist of repute of persons from any other field related to the activities of the Institution deemed to be University who are not in the service of the Institution deemed to be University, nominated by the Vice Chancellor | Dr. A.N. Suryakar | External Invitee Registrar, DR. D.Y. Patil Vidyapeeth, Pune |
| | Prof. Sanjay Zodpey | External Invitee Vice President, Academics, Public Health Foundation of India, New Delhi, Director – Indian Institute of Public Health, Delhi |
| | Dr. Pravin H. Shingare | External Invitee Former Director, Medical Education & Research, Mumbai |
| Three persons who are not teacher co- opted by the Academic Council for their specialized knowledge | Dr. S.N. Kadam | Medical Director |
| | Dr. N.C. Mohanty | MGM Institute of Health Sciences, Navi Mumbai |
| | Dr. Sabita Ram | Director (Research) MGM Institute of Health Sciences, Navi Mumbai |
| Controller of Examination Permanent Invitee | Dr. N. N. Kadam | MGM Medical College, Navi Mumbai |
| The Registrar, who shall be the Secretary of the Academic Council | Dr. R.B. Goel | MGM Institute of Health Sciences, Navi Mumbai |

FACULTY OF MEDICINE

| Category | Name |
|--|-----------------------------------|
| Chairperson Dean Faculty, (Medical -PG) | Dr. G.S. Narshetty |
| Dean Faculty, (Medical -UG) | Dr. R. B. Bohra |
| Member Chairperson, BOS - Preclinical | Dr. Ravindra S. Inamdar |
| Member Chairperson, BOS - Paraclinical | Dr. (Mrs.) Ipseeta Ray |
| Member Chairperson, BOS - Medicine & Allied | Dr. (Mrs.) Jaishree Ghanekar |
| Member Chairperson, BOS - Surgery and Allied | Dr. Pravin Rajendra Suryawanshi |
| Member Chairperson, BOS - Superspecialty | Dr. Sudhir G. Kulkarni |
| Member Co-Chairperson, BOS - Preclinical | Dr. Gautam A. Shroff |
| Member Co-Chairperson, BOS - Paraclinical | Dr. (Mrs.) Manjushree Vijay Mulay |
| Member Co-Chairperson, BOS - Medicine & Allied | Dr. Shobha B. Salve |
| Member Co-Chairperson, BOS - Surgery and Allied | Dr. Siddharth Dubhashi |
| Member Co-Chairperson, BOS - Superspecialty | Dr. Sameer Kadam |
| Joint Controller of Examination | Dr. Parineeta Samant |
| Eminent Academician (Permanent Invitee) | Dr. P.M. Jadhav |
| Controller of Examinations (Permanent Invitee) | Dr. N. N. Kadam |
| Member Secretary | Dr. R.B. Goel |

FACULTY OF NURSING AND ALLIED HEALTH SCIENCES

| Name | Designation |
|---|-------------------|
| Dr. Prabha Dasila Dean Faculty (Nursing & AHS) | Chairperson |
| Rajani Mullerpatan Director, MGM School of Physiotherapy, Navi Mumbai | Member |
| Prof. Dr. Zaki Anwar In-charge Principal, MGM School of Physiotherapy, Aurangabad | Member |
| Dr. Mansee Thakur In-Charge Director, MGM School of Biomedical Sciences, Navi Mumbai | Member |
| Dr. Veena Hatolkar In-Charge Director, MGM School of Biomedical Sciences, Aurangabad | Member |
| Mrs. Uttara Deshmukh I/C HOD, MGM Institute's University Department of P & O, Navi Mumbai | Member |
| Dr. Siddharth Dubhashi Director, (Academics) MGM Institute, Navi Mumbai | Member |
| Dr. Parineeta Samant Joint Controller, MGM Institute, Navi Mumbai | Member |
| Dr. R. B. Bohra Dean Faculty, (Medicine -UG) | Permanent Invitee |
| Dr. G.S. Narshetty Dean Faculty, (Medicine -PG) | Permanent Invitee |

BOARD OF STUDIES - PRE CLINICAL (I MBBS)

| Name | Department | Designation | Location |
|--|--------------------|---|---|
| Dr. Ravindra S. Inamdar (Chairperson) | Physiology | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Gautam A. Shroff (Co-Chairperson) | Anatomy | Prof. & HOD | MGM MC, Aurangabad |
| Dr. (Mrs.) Anjali Sabnis | Anatomy | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Pramod U. Shinde | Physiology | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Parineeta Samant | Biochemistry | I/C HOD | MGM MC, Navi Mumbai |
| Dr. Dhananjay V. Bhale | Biochemistry | Prof. & HOD | MGM MC, Aurangabad |
| Dr. S.R. Phatale | Physiology | Professor | MGM MC, Aurangabad |
| Dr. Rita M. Khadkikar | Physiology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Bhavana Junagade | Anatomy | Assistant Professor | MGM MC, Navi Mumbai |
| Dr. Vaishali S. (Dhoot) Mandhana | Anatomy | Associate Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) Kavita More | Biochemistry | Associate Professor | MGM MC Navi Mumbai |
| Dr. Deepali M. Vaishnav | Biochemistry | Associate Professor | MGM MC Aurangabad |
| Dr. Yuvaraj J. Bhosale | Anatomy | Professor (additional), External invitee (Permanent Member) | Seth GS Medical College & KEM Hospital, Parel, Mumbai |
| Dr. D.N. Shenvi | Physiology | Prof. & Head, External invitee (Permanent Member) | Seth GS Medical College & KEM Hospital, Parel Mumbai |
| Dr. Vijaya Haldankar | Biochemistry | Prof. & Head, External invitee (Permanent Member) | Dr. DY Patil Medical College & Hospital, Nerul, Navi Mumbai |
| Dr. Siddharth Dubhashi | Surgery | Director (Academics) | MGMIHS |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

BOARD OF STUDIES - PARA CLINICAL (II MBBS)

| Name | Department | Designation | Location |
|---|--------------|------------------------|---------------------|
| Dr. (Mrs.) Ipseeta Ray (Chairperson) | Pharmacology | Professor | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Manjushree Vijay Mulay (Co-Chairperson) | Microbiology | Prof. & HOD | MGM MC, Aurangabad |
| Dr. A.D. Urhekar | Microbiology | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Deepak S. Bhosale | Pharmacology | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Shilpi Sahu | Pathology | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Chandrashekhar P. Bhale | Pathology | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Rajiv Choudhari | F. M. T | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Navinkumar M. Varma | F. M. T | Prof. & HOD | MGM MC, Aurangabad |
| Dr. (Mrs.) Anahita Hodiwala | Microbiology | Professor | MGM MC, Navi Mumbai |
| Dr. Seema Gupta | IHBT | Professor | MGM MC, Navi Mumbai |
| Dr. Samir Pachpute | Microbiology | Associate Professor | MGM MC, Navi Mumbai |
| Mrs. Jyotsna Mishra | Microbiology | Assistant Lecturer | MGM MC, Aurangabad |
| Dr. (Mrs.) Savita Shahani | Pharmacology | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Prashant S. Chaudhari | Pharmacology | Assistant Professor | MGM MC, Aurangabad |
| Dr. Ujjwala Maheswari | Pathology | Professor | MGM MC, Navi Mumbai |
| Dr. Manisha Tambekar | Pathology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Hoogar M.B | Pathology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Mrs. Pingle Suparna Sharad | Pathology | Associate Professor | MGM MC, Aurangabad |
| Dr. Ajay Shendarkar | F. M. T. | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Mahesh P. Jambure | F.M. T. | Associate Professor | MGM MC, Aurangabad |

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|------------------------|-----------------------|---|--|
| Dr. Shilpa Patel | Oral Pathology | Prof. & HOD | MGM Dental College, Navi Mumbai |
| Dr. Vasant Baradkar | Microbiology | Professor External invitee (Permanent Member) | TNMC and BYL general hospital, Mumbai |
| Dr. Sudha Mani | Pathology | Professor External invitee (Permanent Member) | D.Y. Patil Medical College, Nerul |
| Dr. Shirish Joshi | Pharmacology | Professor External invitee (Permanent Member) | GSMC and KEM Hospital Mumbai |
| Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

BOARD OF STUDIES - MEDICINE AND ALLIED

| Name | Department | Designation | Location |
|---|--------------------|--|-----------------------------|
| Dr. (Mrs.) Jaishree Ghanekar (Chairperson) | Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Shobha B. Salve (Co-Chairperson) | Community Medicine | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Naik Manjiri Rajiv | Medicine | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Prasad Waingankar | Community Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Vijay Kamale | Pediatrics | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Anjali V. Kale | Pediatrics | Professor | MGM MC, Aurangabad |
| Dr. Rakesh Ghildiyal | Psychiatry | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Manik C. Bhise | Psychiatry | Associate Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) Shylaja Someshwar | Skin & VD | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Ashish R. Deshmukh | Skin & VD | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Pradeep Potdar | Chest & TB | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Aashish S. Deshmukh | Chest & TB | Prof. & HOD | MGM MC, Aurangabad |
| Dr. D.B. Bhusare | Emergency Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. T.K. Biswas | Geriatrics | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Vijaykumar S. Gulve | Medicine | Associate Professor | MGM MC, Aurangabad |
| Dr. Mrunal Mahendra Pimparkar | Community Medicine | Professor | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Swati M. Mahajan | Community Medicine | Associate Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) Bageshree Seth | Pediatrics | Professor | MGM MC, Navi Mumbai |
| Dr. Madhuri B. Engade | Pediatrics | Associate Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) N. D. Moulick | Medicine | Prof. & Head, External invitee (Permanent Member) | LTMC, Sion Hospital, Mumbai |

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|------------------------|--------------------|--|---|
| Dr. G.D. Velhal | Community Medicine | Prof. & Head, External invitee (Permanent Member) | Seth GS Medical College & KEM Hospital, Parel, Mumbai |
| Dr. Rajesh Rai | Pediatrics | Head of Dept. External Invitee (Permanent Member) | DY Patil Medical College, Navi Mumbai |
| Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

BOARD OF STUDIES - SURGERY AND ALLIED

| Name | Department | Designation | Location |
|--|---------------|-----------------------------------|---------------------|
| Dr. Pravin R. Suryawanshi (Chairperson) | Surgery | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Siddharth Dubhashi (Co-Chairperson) | Surgery | Prof. & HOD & Director (Academic) | MGMIHS |
| Dr. (Mrs.) Swati S. Shiradkar | OBGY | Professor | MGM MC, Aurangabad |
| Dr. Sushil Kumar | OBGY | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Kalpana Rajivkumar | ENT | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Reena Vare | ENT | Prof. & HOD | MGM MC, Aurangabad |
| Dr. (Mrs.) N. Abidi | Ophthalmology | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. J. P Mishrikotkar | Ophthalmology | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Alfven Vieira | Orthopaedics | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Rajendra N. Shewale | Orthopaedics | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Devidas Dahiphale | Radiology | Associate Prof. & HOD | MGM MC, Aurangabad |
| Dr. R.L. Gogna | Anaesthesia | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Pramod V. Bhale | Anaesthesia | Professor | MGM MC, Aurangabad |

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|---------------------------|----------------------------|--|--|
| Dr. N.L. Vyas | Surgery | Associate Professor | MGM MC, Navi Mumbai |
| Dr. A.Q. Khan | Surgery | Associate Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) Shaifali Patil | OBGY | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Gauri N. Bapat | OBGY | Associate Professor | MGM MC, Aurangabad |
| Dr. Amey Rathi | Dentistry | Assistant Professor | MGM MC, Aurangabad |
| Dr. Srivalli Natrajan | Oral Maxillofacial Surgery | Prof. & HOD | MGM Dental College, Navi Mumbai |
| Dr. Satish Dharap | Surgery | Prof. & Head External invitee (Permanent Member) | Topiwala National Medical College & Nair Hospital, Mumbai |
| Dr. Kamlesh Chaudhari | OBGY | Prof. & Head External invitee (Permanent Member) | K.J. Somaiya Medical College Hospital & Research Centre Mumbai |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

BOARD OF STUDIES - SUPERSPECIALITY

| Name | Department | Designation | Location |
|---|--------------------|---|--------------------------------|
| Dr. Sudhir G. Kulkarni (Chairperson) | Nephrology | Prof. & Head | MGM MC, Aurangabad |
| Dr. Sameer Kadam (Co-Chairperson) | CVTS | Professor | MGM MC, Navi Mumbai |
| Dr. Yogesh P. Belapurkar | CVTS | Associate Professor | MGM MC, Aurangabad |
| Dr. R. Rathod | Cardiology | Prof. & Head | MGM MC, Navi Mumbai |
| Dr. Ashish Deshpande | Cardiology | Prof. & Head | MGM MC, Aurangabad |
| Dr. Shilpa Deshmukh | Cardiology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Piyush Singhania | Urology | Prof. & Head | MGM MC, Navi Mumbai |
| Dr. Martand G. Patil | Urology | Prof. & Head | MGM MC, Aurangabad |
| Dr. Avinash D. Yelikar | Plastic Surgery | Prof. & Head | MGM MC, Aurangabad |
| Dr. Ajay U. Mahajan | Cardiology | Professor External invitee (Permanent Member) | LTMC, Sion Hospital, Mumbai |
| Dr. Ajit Sawant | Urology | Prof. & Head, External invitee (Permanent Member) | LTMC, Sion Hospital, Mumbai |
| Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

BOARD OF STUDIES – BIOMEDICAL SCIENCES

| Name | Department | Designation | Location |
|---|-----------------------------------|-----------------------------|----------------------|
| Dr. (Mrs.) Mansee Thakur (Chairperson) | MGM School of Biomedical Sciences | In-charge Director, MGM SBS | MGM SBS Navi Mumbai |
| Dr. Veena Hatolkar (Co-Chairperson) | MGM School of Biomedical Sciences | In-charge Director, MGM SBS | MGM MC, Aurangabad |
| Dr. G.A. Shroff | Anatomy | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Yashoda Kattimani | Physiology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Parineeta Samant | Biochemistry | I/C. HOD | MGM MC, Navi Mumbai |
| Dr. Sharvari Samant | Microbiology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Shilpi Sahu | Pathology | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Deepika Sathe | Anesthesiology (AT/OT) | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Kshitija Gadekar | Nephrology (Dialysis) | Assistant Professor | MGM MC, Aurangabad |
| Dr. Sameer Kadam | CVTS (Perfusion Technology) | Professor | MGM MC, Navi Mumbai |
| Dr. Priti Kapoor | Radiology (MIT) | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Prashant Udgire | Cardiology (CCT) | Associate Professor | MGM MC, Aurangabad |
| Dr. Yogita Phadke | Ophthalmology (Optometry) | Assistant Professor | MGM MC, Aurangabad |
| Dr. Sachin Kale | Pathology (MLT) | Associate Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) Anjali Sabnis | Anatomy | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Raman P. Yadav | MGMIHS OMICS Research Centre | Prof. & HOD | MGM SBS, Navi Mumbai |
| Dr. Rita Abbi | Biostatistics | Professor | MGM SBS, Navi Mumbai |

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|---------------------------|--|--|---|
| Dr. Archana Mishra | MHA | Associate Professor | MGM SBS, Navi Mumbai |
| Dr. Leela Gul Abichandani | Biochemistry | Professor External invitee | Grant Govt. Medical College, Mumbai |
| Dr. Sunita Singh | Biotechnology and Bioinformatics | Associate Professor External invitee | D.Y. Patil University. Belapur Campus |
| Dr. Siddharth Dubhashi | MGMIHS | Director (Academics) | Navi Mumbai |
| Dr. R.B. Goel | MGMIHS | Registrar | Navi Mumbai |

BOARD OF STUDIES - PHYSIOTHERAPY & PROSTHETICS & ORTHOTIC

| Name | Department | Designation | Location |
|--|---|---------------------|------------------------|
| Dr. (Mrs.) Rajani Mullerpatan (Chairperson) | MGM School of Physiotherapy | Director | Navi Mumbai |
| Dr. Zaki Anwer (Co-Chairperson) | MGM School of Physiotherapy | In-charge Principal | Aurangabad |
| Dr. (Mrs.) Bela Agarwal (PT) | MGM School of Physiotherapy | Associate Professor | Navi Mumbai |
| Dr. (Mrs.) Meruna Bose (PT) | MGM School of Physiotherapy | Associate Professor | Navi Mumbai |
| Dr. Divya Jethwani | MGM School of Physiotherapy | Associate Professor | Aurangabad |
| Dr. Sunil Harsulkar | MGM School of Physiotherapy | Assistant Professor | Aurangabad |
| Dr. Tajuddin Chitapure | MGM School of Physiotherapy | Assistant Professor | Aurangabad |
| Mrs. Uttara Deshmukh | MGM Institute's University Department of Prosthetics & Orthotics | I/C HOD | Navi Mumbai |
| Dr. (Mrs.) Bhavana Junagade | Anatomy | Assistant Professor | MGM MC, Navi Mumbai |

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|------------------------------|---|---|---|
| Dr. Priyanka Rane | Physiology | Lecturer | MGM MC, Navi Mumbai |
| Dr. Pramod U. Shinde | Physiology | Prof. & HOD | MGM MC, Aurangabad |
| Dr. Parineeta Samant | Biochemistry | I/C HOD | MGM MC, Navi Mumbai |
| Dr. Hoogar M. B | Pathology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Meera Mahajan | Pathology | Assistant Professor | MGM MC, Aurangabad |
| Dr. (Mrs.) Ipseeta Ray | Pharmacology | Professor | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Sharvari Samant | Microbiology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Mitesh Thakkar | General Medicine | Professor | MGM MC, Navi Mumbai |
| Dr. Sarabjeet Singh Kohli | Orthopedic | Professor | MGM MC, Navi Mumbai |
| Dr. Darpan Kaur | Psychiatry | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Prasad Waingankar | Community Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. (Mrs.) Shylaja Someshwar | Dermatology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Archana Chatterji | Obstetrics & Gynecology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Vijay Kamale | Pediatrics | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Suvarna Shyam Ganvir | | Professor & HOD of Neurophysiotherapy External Member | DVVPF's, college of Physiotherapy Vilad Ghat, Ahmednagar 414111 |
| Dr. A.G. Indalkar | All India Institute of Physical Medicine & Rehabilitation | HOD(P & O) Lecturer External Member | Mahalaxmi, Mumbai |
| Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

BOARD OF STUDIES - NURSING

| Name | Department | Designation | Location |
|--|--------------------------------------|---------------------------------|------------------------|
| Dr.(Mrs.) Prabha Dasila (Chairperson) | MGM New Bombay College of Nursing | Principal | Navi Mumbai |
| Dr. (Mrs.) Anuradha Mhaske (Co-Chairperson) | MGM College of Nursing | Director | Aurangabad |
| Dr. (Mrs.) Mary Mathews N. | MGM College of Nursing | Professor & Principal | Navi Mumbai |
| Dr. Satishchandra T. Buyite | MGM College of Nursing | Professor & Principal | Aurangabad |
| Mrs. Ponchitra R. | MGM New Bombay College of Nursing | Professor cum Vice Principal | Navi Mumbai |
| Mrs. Susan Jacob | MGM New Bombay College of Nursing | Professor | Navi Mumbai |
| Mrs. Maria Preethi Mathew | MGM New Bombay College of Nursing | Associate Professor | Navi Mumbai |
| Mrs. Padmja Dhawale | MGM New Bombay College of Nursing | Associate Professor | Navi Mumbai |
| Mrs. Jyoti Chaudhari | MGM New Bombay College of Nursing | Associate Professor | Navi Mumbai |
| Dr. Vishwanath Biradar | MGM College of Nursing | Assistant Professor | Aurangabad |
| Mrs. N. Prabhadevi | MGM College of Nursing | Assistant Professor | Aurangabad |
| Mrs. Kanwaljeet Kaur | MGM College of Nursing | Assistant Professor | Aurangabad |
| Dr. Jaishree Ghanekar | Medicine | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Rakesh Ghildiyal | Psychiatry | Prof. & HOD | MGM MC, Navi Mumbai |
| Dr. Ipseeta Ray | Pharmacology | Professor | MGM MC, Navi Mumbai |

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|------------------------|--------------------|---|---|
| Dr. Sharvari Samant | Microbiology | Associate Professor | MGM MC, Navi Mumbai |
| Dr. Asha Sharma | | Vice President of INC External invitee (Permanent Member) | Indian Nursing Council New Delhi - 110002 |
| Dr. Rani Shetty | | Professor External invitee (Permanent Member) | Principal Maniba Bhula Nursing College UKA Tarsadia University, Bardoli-Surat |
| Dr. Meera Achrekar | | Professor External invitee (Permanent Member) | Homi Bhabha University Mumbai, (ACTREC, Kharghar) |
| Dr. Shivabalan T. | | Dean, Faculty of Nursing External invitee | College of Nursing, Pravara Institute of Medical Sciences, Loni |
| Dr. Vaishali Mohite | | Dean, Professor & Principal, External invitee | Krishna Institute of Medical Sciences, Karad |
| Dr. Nancy Fernandes | | Principal External invitee | Leelabai Thackersey College of Nursing, Churchagate, Mumbai |
| Mrs. Savia Fernandes | MGM Hospital | Nursing Superintendent | Vashi |
| Dr. Siddharth Dubhashi | Surgery | Director (Academic) | MGMIHS |
| Dr. R.B. Goel | Community Medicine | Registrar | MGMIHS |

Internal Quality Assurance Cell (IQAC)

IQAC of MGM Institute of Health Sciences is involved in quality initiatives, sustenance and enhancement of the activities of the institutes. Following is the composition and the activities for the year 2019-20.

Composition of University IQAC, MGMIHS, Navi Mumbai

| Sr. No. | Name | Designation | Role |
|---------|----------------------------|---|--------------|
| 1 | Dr. Shashank D. Dalvi, | Hon'ble Vice Chancellor | Chairperson |
| 2 | Dr. N. N. Kadam | Pro-Vice Chancellor | Co-ordinator |
| 3 | Dr. P. M. Jadhav | Vice Chairman | Member |
| 4 | Dr. S. N. Kadam Mumbai | Medical Director | Member |
| 5 | Dr. A. G. Shroff | Medical Director | Member |
| 6 | Dr. Rita M. Khadkikar | IQAC Coordinator | Member |
| 7 | Dr. Swati Shiradkar | IQAC Coordinator at Aurangabad Campus | Member |
| 8 | Dr. Rajesh B Goel | Registrar | Member |
| 9 | Dr. Rajesh Kadam | Deputy Registrar | Member |
| 10 | Dr. Sabita Ram | Director Research | Member |
| 11 | Dr. Pravin Suryavanshi | Professor and HOD Surgery, MGM Medical College, Aurangabad | Member |
| 12 | Dr. R. S. Inamdar | Professor and HOD Physiology, MGM Medical College, Navi Mumbai | Member |
| 13 | Dr. Jaishree Ghanekar | Professor and HOD General Medicine, MGM Medical College, Aurangabad | Member |
| 14 | Dr. Gautam Shroff | Professor and HOD Anatomy, MGM Medical College, Aurangabad | Member |
| 15 | Dr. Parineeta Samant | Professor and HOD Biochemistry, MGM Medical College, Navi Mumbai | Member |
| 16 | Dr. R. Ponchitra | Professor, MGM College of Nursing, Navi Mumbai | Member |
| 17 | Dr. Bhavana Junagade | Associate Professor Anatomy, MGM Medical College, Navi Mumbai | Member |
| 18 | Dr. Mamta Shetty | Assistant Professor, MGM School of Physiotherapy, Navi Mumbai | Member |
| 19 | Dr. Rohit Jacob | PG Student, MGMMC, Aurangabad | Member |
| 20 | Dr. Ashwin Balasubramanian | PG Student, MGMMC, Navi Mumbai | Member |
| 21 | Mr. Akshat Mishra | UG Student, MGMMC, Navi Mumbai | Member |
| 22 | Ms. Anusha Hingorani | UG Student, MGMMC, Navi Mumbai | Member |
| 23 | Ms. Taral Patil | UG Student, MGMMC, Aurangabad | Member |
| 24 | Dr. Kiran Mali | Alumnus, MGMIHS | Member |
| 25 | Dr. Sameer Kadam | Alumnus, MGMIHS, Navi Mumbai | Member |
| 26 | Dr. Ajay Bhagwanrao Kale | Alumnus, MGMIHS, Aurangabad | Member |

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|----|-----------------------|---|--------|
| 27 | Adv. RanjitBhosale | Advocate | Member |
| 28 | Dr.Saloni Desai | Hospital Administration, MGM School of Biomedical Sciences, Navi Mumbai | Member |
| 29 | Dr.Srivalli Natarajan | IQAC Co-ordinator, MGMDCH, Navi Mumbai | Member |

Inauguration of Graduate Attributes by Dr. R.C. Dekavisit at Navi Mumbai Campus: 04-07-2019

| | |
|--|--|
| <p>Inaugural Photos Graduate</p> | <p>Dr. R. C. Deka, former AIIMS Director visited Navi Mumbai campus and discussed the quality initiatives for MGM Institute of Health Sciences. He inaugurated the Graduate Attributes.</p> |
|  | <ol style="list-style-type: none"> 1 • Dynamic professionalism 2 • Exemplary leadership 3 • Effective communication skills 4 • Scholarly attitude 5 • Element of critical thinking 6 • Enthusiasm for research 7 • Social commitment 8 • Global competencies |

Workshop on “Stop Plagiarism”: 29-08-2019



| | | |
|-----------|-----------|------------|
| | Decimal | DMS |
| Latitude | 19.017409 | 19°1'2" N |
| Longitude | 73.105254 | 73°6'18" E |

2019-08-29(Thu) 10:06(am)

E-Poster Competition- Buddha Purnima & Gurudev Rabindranath Tagore Jayanti”: 07-05-2020

During the lockdown period the campus was closed and social interaction was curtailed. To maintain a positive mindset, an online competition on human values was conducted on 7th May, 2020 on the occasion of Buddha Purnima & Gurudev Rabindranath Tagore Jayanti. This was appreciated by the participants as it created positive thoughts during the pandemic.

| Human Values Celebration E -Poster competition – Lord Buddha | | |
|--|--|--|
| 1 st Prize | 2 nd Prize | 3 rd Prize |
| Neha Jha (MBBS MGMMC ABD) | Shivdhan B Magar (MBBS MGMMC ABD) | Jalak Upadhyay (BPT MGMSOP NM) |
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| Human Values Celebration E -Poster competition – Gurudev Rabindranath Tagore | | |
|---|--|--|
| 1 st Prize | 2 nd Prize | 3 rd Prize |
| Zaheen Zahid Shaikh (BPT MGMSOPNM) | Jewel Monteiro (MHA MGM SBS NM) | Sneha Shaji (B.Sc Nursing MGM NM) |
|  |  |  |

| Human Values Celebration E -Poster competition – Lord Buddha | |
|---|--|
| External Judge Dr Anita Kembhavi Director & Consultant Ayurveda Physician and Panchakarma Specialist at Astanga Wellness Pvt Ltd. Hubli, Karnataka, | Internal Judge Dr Rakesh Ghildiyal Professor & HOD Psychiatry Department MGM Medical College, Navi Mumbai |

| Human Values Celebration E -Poster competition – Gurudev Rabindranath Tagore | |
|--|---|
| External Judge Manjusri Ganguly Ex Associate professor & HOD Environmental studies ICLES Motilal Jhunjhunwala college Vashi | Internal Judge Dr N. C. Mohanty Director of International student Welfare Committee MGMIHS |



Environmental day competition:05-06-2020

In the pandemic people got disconnected from nature. Hence we provided an opportunity for the students to share their views of protecting our environment on the Environmental day 5th June, 2020, Theme: Time for Nature

Environmental Day competition

Theme: Time for Nature
5th June 2020

Winners for Slogan (45 participants)

| 1st Prize | 2nd Prize | 3rd Prize |
|---|--|---|
|  |  |  |
| Ms. Khushboo Shah MBBS MGM Medical College & Hospital, Navi Mumbai | Ms. Pooja Dhuri MSc. Clinical Nutrition MGM School of Biomedical Sciences, Navi Mumbai | Ms. Rasika Gurav B.P.O. MGM Institute's University Department of Prosthetics & Orthotics |

Environmental Day competition

Theme: Time for Nature
5th June 2020

Winners for Poetry (39 participants)

| 1st Prize | 2nd Prize | 3rd Prize |
|--|--|---|
|  |  |  |
| Ms. Glenita Victor Menezes B.Sc. Optometry MGM School Of Biomedical Sciences, Navi Mumbai. | Ms. Shweta D. Gowda MSc. Clinical Embryology MGM School Of Biomedical Sciences, Navi Mumbai. | Ms. Vishva Lakhe MHA MGM School Of Biomedical Sciences, Navi Mumbai. |

Judges for Environmental Day competition

Theme: Time for Nature
5th June 2020

| | | | |
|---|--|---|--|
|  |  |  |  |
| Dr Swati Shiradkar, Professor Obstetrics & Gynecology, MGM Medical College & Hospital, Aurangabad | Dr Mrunal Pimparkar, Professor Community Medicine, MGM Medical College & Hospital, Navi Mumbai | Dr Bela Agarwal, Professor, MGM School of Physiotherapy, Navi Mumbai | Dr Bhavana Junagade , Associate Professor , Anatomy, MGM Medical College & Hospital, Navi Mumbai |

Environmental Day competition

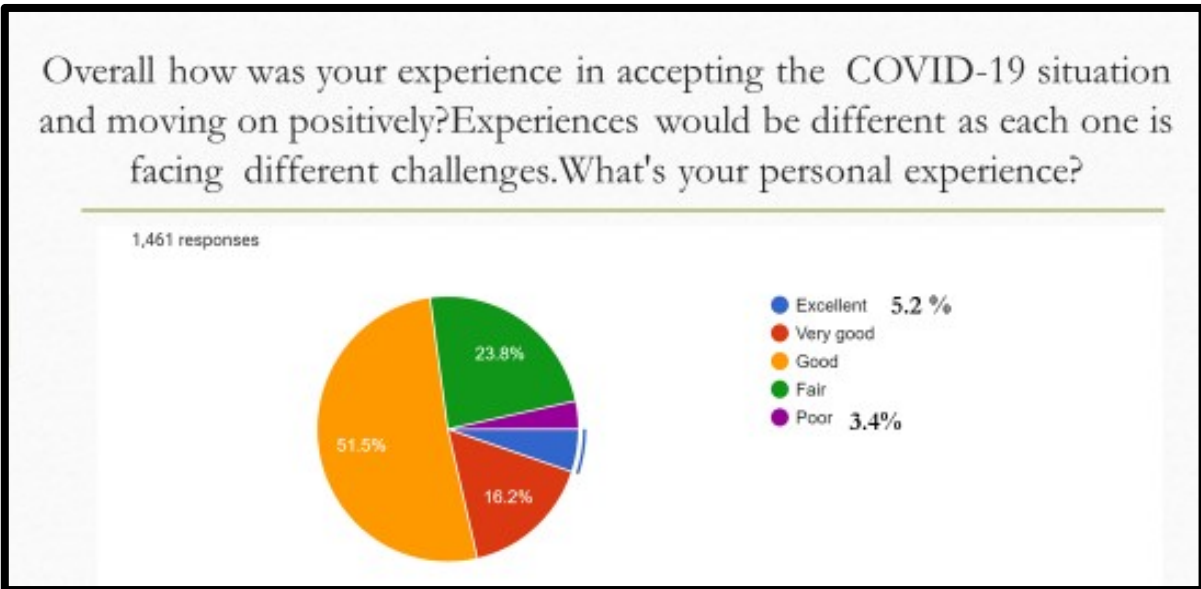
Theme: Time for Nature
5th June 2020

Winner for Essay (29 participants)

| 1st Prize | 2nd Prize | 3rd Prize |
|--|--|--|
|  |  |  |
| Ms. Fatema Qutbuddin Bohri M.Sc. Clinical Nutrition MGM School of Biomedical Sciences, Navi Mumbai | Ms. Ayesha Majid Shaikh M.Sc. Biotechnology MGM School of Biomedical Sciences, Navi Mumbai | Ms. Mariya musaddique Ubare B.P.O. MGM Institute's University Department of Prosthetics & Orthotics |

Students feedback on experiences in COVID situation:01-06-2020
1466 Students shared their experiences

An online survey was conducted for the students to understand their experiences during COVID-19 pandemic. This helped MGMIHS to take certain measures to support the students



Guest Lecture – Medical Journalism and Challenges by Mr. Joshua K. Bolt, Kenyan Research Scholar Date: 09.10.2019



Alumni Association Appreciation Ceremony - Date: 22.11.2019



Alumni Association Appreciation Ceremony Date: 22.11.2019
30% of Faculties are our Alumni

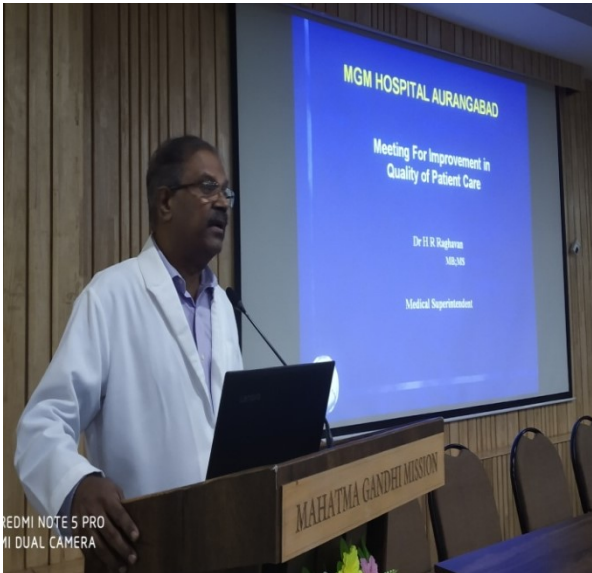


PLEXUS 2019 (MEDSENSE) Exclusively for Batch 2019
Date: 17.08.2019



Interactive session on improvement in quality of patient care Dr H.R. Raghavan 08th Aug 2019

Interdepartmental academic activity Lecture on bioethics by Dr Swati Shiradkar 19th July 2019



Elsevier Basic Science Olympiad winners from MGM Medical College, Navi Mumbai

Due to the pandemic the students were engaged in online classes. As the resources (Text books) were unavailable to the students it was difficult to understand and revise. Elsevier's provided us the opportunity to use **ClinicalKey Student** a next generation medical education platform which helps institutes, faculty and students enhance undergraduate teaching-learning experience, practice global medical education. Mr. Rahul patel won the record user. 45 students participated in the National level EBSO (Elsevier Basic Science Olympiad) 8 students qualified for the National level

| Sr. No. | Name |
|---------|----------------------|
| 1 | Tarushi Bhattacharya |
| 2 | Anusha Hingorani |
| 3 | Vaishnavi Dahiphale |
| 4 | Tanmay Sahoo |
| 5 | Khushi Mehta |
| 6 | Apurva Nikumbh |
| 7 | Devika Fichadia |
| 8 | Rahul Patel |



National Accreditation Board for Hospitals



Future Plans (Enhance the following)

(A) Curriculum:

- Value-added courses offered that impart transferable and life skills.
- Mechanism is in place to obtain structured feedback

(B) Teaching-Learning and Evaluation:

- Enhancing the Mentor-Mentee System.

(C) Research:

- Enhancing collaborative activities (research, faculty & student exchange, Industry-internship).

(D) Infrastructure:

- Yoga Center at Navi Mumbai Campus and increase activities at Rhythm Academy.
- To upgrade Integrated Library Management System (ILMS) and using MOOC platforms.

(E) Student Welfare:

- Enhance guidance for competitive examinations and career advancement.
- Student Participation and Activities (Cultural & Sports at all levels).
- Alumni Engagement (Quarterly activity of Alumni).

(F) Governance Quality Initiatives:

- Professional development training programs for teaching and non-teaching staff.
- Performance Appraisal System.

MGMIHS Centers of Excellence

- ❖ MGMIHS OMICS Research Centre
- ❖ MGMIHS Incubation and Innovation Centre
- ❖ MGMIHS Sleep Medicine and Research Centre
- ❖ MGMIHS Centre for Human Movement Sciences

❖ MGMIHS OMICS Research Centre

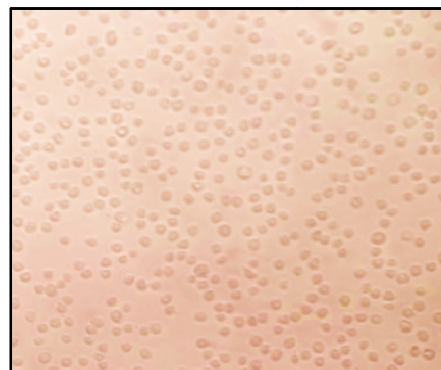
MGMIHS OMICS Research Center is Centre of Excellence of MGMIHS, mainly accelerating the basic and applied research in the area of drug discovery and molecular diagnostics. The center is recognized by Scientific and Industrial Research Organization (SIRO) as a part of MGM Central Research Laboratory of MGM Medical College, Navi Mumbai.



This center is providing interdisciplinary platform applied research where concept and innovation are 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, the center is actively engaged in anti-obesity; anti-diabetes; drug sensitivity enhancement; and natural product application. The center is well equipped with basic and advanced instruments. This center is powered by availability of separate cell culture, daphnia culture and microbial culture sections. Center is also equipped with green and biological synthesis of metallic nanoparticles. Protein based production of metallic quantum dots facility is the major attraction of the center. Due to interdisciplinary research platform, center has provided facilities for various divisions of MGM Medical College and Hospital. The center has also supported Ph.D. programs in subjects like Medical Biotechnology and Molecular Biology under MGMIHS, M.Sc. Molecular Biology (2 years) program under MGM School of Biomedical Sciences, MGMIHS Incubation and Innovation Centre and Institution's Innovation Council (IIC), MGMIHS.



Daphnia magna as toxicity model



CHO cells

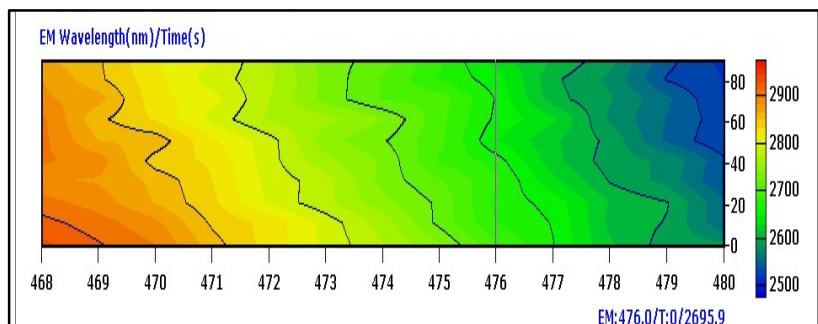
Following are research domains /activities that were carried out during the period 1st July 2019-30th June 2020:

Antidiabetes and antiobesity: Anti-diabetes and antiobesity principles have been well explored using natural molecules. Pancreatic lipase inhibitory activity in antiobesity domain and glucosidase inhibitory activity along with Pancreatic lipase inhibitory activity in antiobesity have been considered as target. Various natural extracts and molecules have been screened and explored. Suitable fatty diet induced animal model for obesity are also developed. Antiobesity formulation was prepared and tried in animal model.



Obese rat

Advance nanomaterials: Fluorescence nanoparticles has gained importance in last few years and this molecule explored as smart molecules in various fields including diagnostics. MGMIHS OMICS Research centre continuing synthesis and application of metallic quantum dots program and more study was done in reference to characterization and stability of cerium quantum dots. Robustness of technology of production of quantum dots has been also investigated along with new biological way for the synthesis of quantum dots.



3D spectrum of QD



Metallic quantum dot

- **Drug sensitivity enhancement**

Using fundamental concept of drug resistance, the center has explored various concepts including efflux pump inhibition for drug sensitivity enhancement both in bacterial and malarial model. Centre has successfully established *in-vitro* culture *Pseudomonas aeruginosa* and of malarial parasite (*Plasmodium falciparum*) for this purpose. Various plants extracts and molecules were screened and few were selected for isolation and characterization of active molecules for drug sensitivity enhancement in malaria using parasite model.



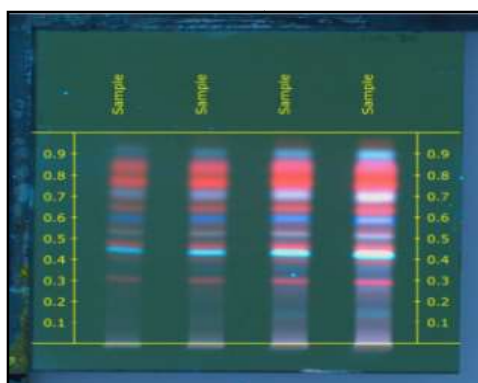
In-vitro *Plasmodium falciparum* – Ring stage parasite



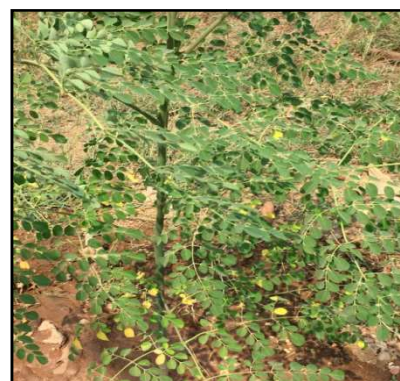
Bacterial model for Drug sensitivity enhancement

- **Natural product exploration/application**

Natural products have been well explored for various applications. Several projects have been boosted by natural products from synthesis of nanomaterials to use of molecule/extracts as therapeutic/pharmaceutical importance. Long list of plant has been identified in the domain of anti-obesity, anti-diabetes, drug sensitivity enhancer. Exploration plant biomass as new source of nutraceutical (health drink) was measure achievements. In this year fundamental research on natural products has been also given importance where pancreatic lipase inhibitory principal presence in different parts of *Moringa oleifera* investigated and studied with inhibitory pattern.



HPTLC for potential Anti-diabetes molecule



Moringa oleifera plant

Other projects

Due to interdisciplinary research platform, MGMIHS research centre continuing the research support to various Units of MGMIHS including MGM Medical College and Hospital, MGM School of Physiotherapy etc. The centre is aggressively supporting Ph.D. programs of Department of Paediatrics in the area of malaria and tuberculosis research. Establishment over expression of lipolytic activity by *Mycobacterium tuberculosis* in patient is major observational research. PLA₂ was well studied in patient infected with *Plasmodium falciparum*. Centre in this period was highly active to support Ph. D. topic of MGM School of Physiotherapy. Various parameters such as antioxidant activity and inflammatory activity in biological fluid were well investigated in squatting situation.

Besides this, minor projects such as improve process of isolation of curcumin from turmeric root and its antibacterial potential, pancreatic lipase inhibitory study of different parts of *Moringa oleifera*, screening and isolation of plant derived carbonic anhydrase and production, partial purification and characterization of alpha amylase by *Aspergillus sp.* etc. were carried out.

Some important achievements:

Patent granted:

1. Patent No. 325554-“Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen” was granted.



Felicitation ceremony on granted patent

Paper published/ accepted/ under revision:

1. Amita A Bhagit, Sveeta V Mhatre, Raman P Yadav. 2020. Proteome mediated synthesis of biocompatible green fluorescence cerium oxide quantum dots with enhanced antioxidant activity, *Advanced Science, Engineering and Medicine*, 12 (6):831-839 (Published)
2. Dr. Raman P. Yadav, Amita A. Bhagit, Chandana Kulkarni, Priyanka Rathod. 2019. Anti-plasmodial and Mosquitocidal Potential of Metallic Nanoparticles: a perspective, *Indian Drugs*. (Under Revision)
3. Priyanka Rathod, Raman P. Yadav. Antidiabesity Potential of Multifunctional Natural Molecule, *Journal of Herbal Medicines*. (Under Revision)

Awards:

1. Ph.D. degree was awarded to Ms. Sveeta V. Mhatre (Department of Medical Biotechnology) for work on “Potent Pancreatic Lipase Inhibitor from food plants and Development of Anti- Obesity Formulation”.

Contributions:

1. MGMIHS OMICS Research Center has supported establishment of Institution’s Innovation Council (IIC), MGMIHS.

2. Technical Director, MGMIHS OMICS Research Center, Dr. Raman P. Yadav, as a resource person attended several meetings such as, Research Cell meeting, University Academic and Administrative meeting, Scientific Advisory Committee meeting, Research Recognition Committee meeting, Institutional Ethics Committee meeting etc. He, as a convener, also conducted several meeting for the members of Institution's Innovation Council (IIC), MGMIHS.
3. The Center has supported in organizing various events of IIC, MGMIHS in the domains of Innovation, Entrepreneurship, IPR etc. and uploading reports of all the events organized under IIC on IIC, MHRD portal.
4. Dr. Raman P. Yadav participated and delivered a talk in International Conference on Paediatric Applied Nutrition, 2019 at MGMIHS, Navi Mumbai.

Additional Research Related Activities:

- Chandana C. Kulkarni and Priyanka Rathod participated in paper presentation in International Conference on Paediatric Applied Nutrition, 2019 held on 24-25 August 2019 at MGMIHS, Navi Mumbai
- Chandana C. Kulkarni got 2nd prize in poster presentation in International Conference on Paediatric Applied Nutrition, 2019.
- Dr. Raman P. Yadav, Ms. Harshita Mohanty and Ms. Sanjana T. Philip attended a

webinar on:

1. Study of biomarkers for diagnosis and prognosis of tuberculosis infection
2. Contribution of B-1 Cells during Mycobacterium infection

Forward Path:

- Technological validation and commercialization of patent granted.
- Novel formulation of enhancement of drug sensitivity in malaria and tuberculosis.
- Point of care detection of tuberculosis.
- Linkages and collaboration with other Institutes.
- National and International Collaborations.
- High impact factor publications.
- Exploring extramural funding from various agencies and industries.

MGMIHS INCUBATION AND INNOVATION CENTRE

MGM Institute of Health Sciences, Incubation and Innovation Centre Navi Mumbai is providing system to popularize the importance of innovation in MGMIHS Campus and also providing unique and interdisciplinary platform for creation of skill based new entrepreneurs. Centre is actively engaged product/technology-based research projects including bioprocess technology and their products for commercial exploration. The Centre has integrated various disciplines and expertise of MGM Institute of Health Sciences, such as medical sciences, physiotherapy, prosthetics and orthotics, nursing, biomedical sciences etc, to fulfil well defined objectives. It is well connected with various laboratories including MGMIHS OMICS Research Center of MGM Institute of Health Sciences for basic and advance work. Centre has facilities including technical / IT Support, laboratory, workshop & testing facilities, research, mentoring etc. The thrust areas of MGMIHS Incubation and Innovation Centre are technology development and transfer, medical education and training,skilled manpower provider, expert consultancy, validation and human trial centre and innovative strategies provider for health science projects.

The following are the objectives of the centre,

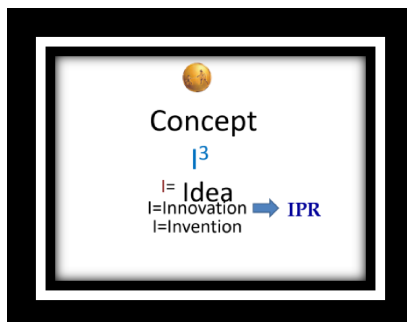
- To Fostering the entrepreneurial spirit among students, faculty members & other stakeholders
- To accelerate discovery and research program
- To accelerate commercialization of R&D outputs and technology transfer
- To support start-up including mentoring and infrastructure

In view of objectives, MGMIHS Incubation and Innovation center also established Institution Innovation Council of MHRD, Government of India in 2019. To boost the research of MGMIHS Incubation and Innovation Center, MGM Innovation garden was established.



MGMIHS Incubation and Innovation Centre, located at fourth floor, MGMIHS, Navi Mumbai.

Centre is fundamentally working on the principle of “discover, develop and deliver” using I³ concept where idea is initiation point.



Infrastructure

MGMIHS Incubation and Innovation Centre has a good infrastructure (157 sq.m.) with fully air-conditioned system including facilities such as-

1. Bioprocess Laboratory (along with preparatory room)- with basic instruments.
2. Computer Laboratory with six computer systems.
3. Director’s Cabin
4. Board Room with a projector and a screen to conduct routine internal meetings/events.
5. Lecture Room with a capacity of around 20 seats, including a whiteboard which can be used as a teaching aid.



Bioprocessing Laboratory, MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai.



**Lecture room, MGMIHS
Incubation and Innovation
Centre, MGMIHS, Navi Mumbai.**



**Computer Laboratory, MGMIHS
Incubation and Innovation
Centre, MGMIHS, Navi**

Research Projects

Out of fourteen projects proposed by faculty members from different units of MGMIHS, seven projects were approved by Ethics Committee for Research on Human Subjects (ECRHS), and one project by Institutional Animal Ethics Committee (IAEC), for further work around defined objectives. Good progress has been observed in most of the projects, while a few are still at the initiation stage.

Major achievements of Approved Projects

1. Florets are well explored as anti-oxidant and inhibitory activity of carbonic anhydrase and novel formulation was made for inhibition of carbonic anhydrase activity.
2. The potential of some plant leaf is explored as a source of nutritional drink after the successful removal of anti-nutrient from the leaf system. Scale up and nutritional efficacy study (Validation) is remaining. Draft for filing patent is under progress.
3. Molecule has been identified as a natural dipeptidyl peptidase inhibitor and its potential as an anti-diabetic and cardioprotective agent is well explored. Patent has been published on 3.01.2020. Title of Invention: Polyherbal composition having Dipeptidyl peptidase 4 Inhibitory activity (Application No: 201921053266 A)

MGM Innovation Garden

MGM Innovation garden is mainly maintaining concept-based plantation and maintenance of plants of medicinal value, nutraceutical, ornamental plant etc. It is also providing unique and interdisciplinary platform for opening of novel avenue for new ways of use of plants. It helps to support MGMIHS Incubation and Innovation Centre for various in-house plant materials under the category of Nutraceuticals and Pharmaceuticals. This garden also favours the concept of doing things in natural way. Various plants have been maintained in this garden, including *Moringa oleifera*.



Way to MGM Innovation Garden

***Moringa oleifera* planted in MGM Innovation Garden**

Institutions Innovation council (IIC) activities

Towards innovating ecosystem in the institute, Director of the centre and his team has taken efforts to popularise the ongoing program of the centre by organizing various events/lectures for students as well as faculty members of MGMIHS. The director of this centre has also been recognized as Convener of Institution's Innovation Council, MGMIHS. The centre has jointly organized events with various units of MGMIHS under this Council in the categories like- Ideation, Design, Innovation, Entrepreneurship, Invention etc. The council has organized self-driven and MIC-driven activities along with IIC calendar activities. A good number of students, faculty and other stakeholders was attended during these activities. Eminent guest lecturers/speakers were also invited for these activities.

Workshops/Seminars organized

A number of workshops/seminars have been organized on themes like "Problem solving/design thinking", "Shaping of ideas", "Empowering entrepreneurship ecosystem", "Motivational speak on entrepreneur's life & crossroad", "Product design", "Entrepreneurship and innovation as career opportunities", and "Recent trends in innovation" which has helped the students to add innovative thinking in conventional learning and also to focus on need-based product designing. The sessions have also sensitized the participants about requirement of innovations and entrepreneurship in every field for the benefits of the stakeholders by innovating cost-effective methods of health delivery.

Mentoring sessions/Story Telling sessions organized

A few mentoring and storytelling sessions have also been organized such as "yoga as a tool for health innovation", "Product developing phases-innovators in campus", "IPR and its management for innovation" and "Innovation day campaign" in which students were mentored about how innovation can be inspired from major sources and were also encouraged to view

yoga as an instrument for innovation in health. Students were also guided for improvising their thoughts on innovation. The importance of prior art search and interdisciplinary approach for research was also highlighted. These programs were beneficiary for the students as well as faculty for developing their ideas towards innovative outcomes.



Entrepreneur's life & crossroad- Motivational Speak



Product Development Phases- Story Telling



Mentoring session on "IPR and its Management for Innovation"



Shaping of Ideas for Innovation



Need Based Product Design



Innovation Day program



Empowering Entrepreneurship Ecosystem



Recent trends in Innovation



Essay writing on "innovation"



Essay writing competition on "Yoga as a tool for health innovation"

A glimpse of events carried out by IIC, MGMIHS, Navi Mumbai.

Celebration of National Science Day, 2020

National science day is celebrated every year in our country to mark the discovery of the Raman effect by Indian Physicist, Sir C.V. Raman. Dr. Raman P. Yadav, Convener of Institution's Innovation Council (IIC), MGMIHS, Navi Mumbai & Technical Director, MGMIHS OMICS Research Center, MGMIHS, Navi Mumbai, briefed the students about the theme- "Women in Science" on this occasion. The importance of science and its progression through ages along with some interesting facts was presented. Further, Dr. Yadav highlighted about 14 smart inventions which are inspired by the nature. As the theme was "women in science", several points have been discussed. These include: orthodox thinking and family background, lack of platform to express ideas especially in rural areas, family restrictions, marriage/ children, caste system, gender

inequality, patriarchy etc. By addressing such issues, various factors were described to make women participate in science such as appreciating women, gender equality, more job opportunities, increasing platforms including kitchen science etc. Total 10 attendees were present in this session.



Celebration of National Science Day, 2020

Routine internal meetings

Meetings are organized routinely to discuss the progress/status of the proposed/approved projects and to give inputs on its forward path, in order for its smooth functioning.

Routine meetings are also carried out under IIC, for discussing the action plan of events to be organized under the current academic year. Due to covid crisis, a few events conducted by MHRD’s IIC, were attended by students and other stakeholders of MGMIHS on virtual platform.

Achievements

1. One patent filed
2. One patent at draft stage
3. One formulation developed
4. Three projects are at an advanced stage.
5. Sensitization of innovation through IIC.

Forward Path

1. Filing of patent in the area nutritional drink
2. Initiation of Start-ups of developed technology
3. Establishment of linkages with other Incubation Centres in India.

MGMIHS Sleep Medicine and Research Centre

In collaboration with the Division of Sleep Medicine, University of Pennsylvania, USA

Research demonstrates that sleep disorders are significantly under-diagnosed and under-treated worldwide. Sleep disorders have now been clearly linked as a contributing risk factor to many other life-threatening diseases and conditions. Physicians' lack of knowledge in the area of sleep medicine is one of the contributing factors to this public health problem. This global gap in sleep medicine knowledge directly affects physicians in a variety of settings, impacting their ability to recognize and treat sleep disorders in their patients. Consequently, patient needs continue to go unmet, which significantly impacts quality of life issues as well as mortality and morbidity rates.

The MGMIHS Sleep Medicine and Research Centre was inaugurated on the 6 of March 2014. Our center is in collaboration 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 art equipment, similar to that used at Penn Medicine sleep centers in Philadelphia, USA. These efforts have results 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 Study in progress

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 hearts 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 behaviour

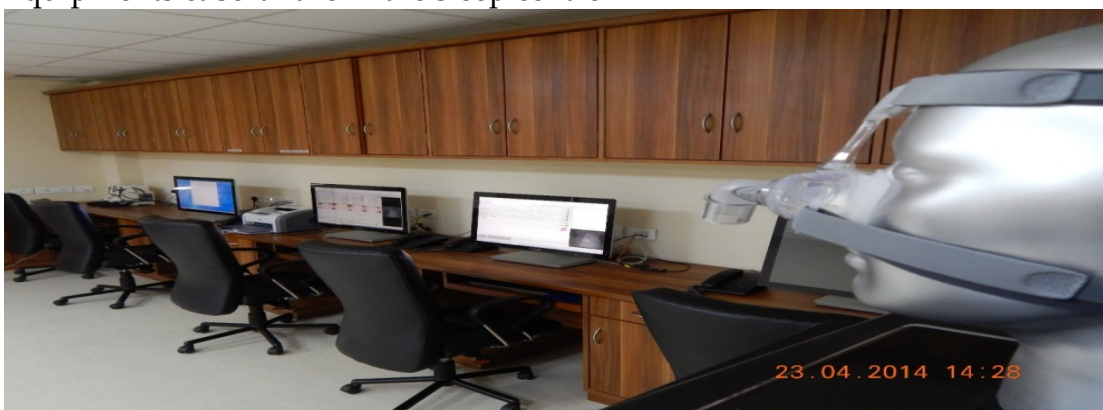
The MGMIHS Sleep Medicine and Research Centre is catering to the needs of patients having any of these following disorders:

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

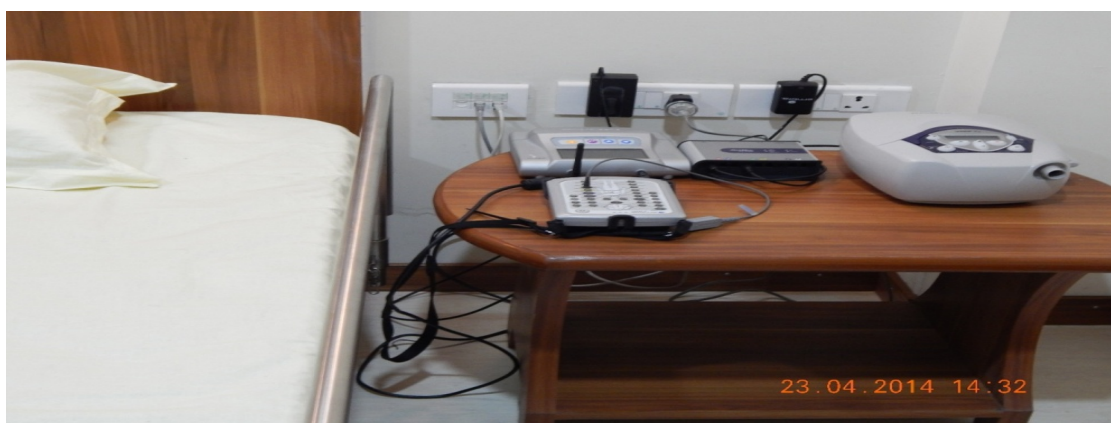
The MGMIHS Sleep Medicine and Research Centre have a dedicated team of physicians and Technologist. This team is headed and managed by Dept. of Pulmonology, MGMMedical College, with guidance from University of Pennsylvania. The following departments are also on board for patient management.

- 1) Neurology
- 2) ENT
- 3) Psychiatry
- 4) Oromaxillofacial surgery

Equipments & software in the sleep centre



Picture showing PSG software with Sandman Device.



Picture showing the recording device- embla S450 and Treatment device:-resmed VPAP (Mode:-CPAP, AUTOCPAP BILEVEL.)



Sleep technologist conducting sleep study in the sleep lab.



SLEEP CENTRE WORKFORCE

Sleep study Projects

| Sr. No. | Title of the Projects | Objectives | Investigators | Years |
|---------|--|---|---|------------------------|
| 1. | Study of adipokine in Obese & Non Obese patients with sleep disordered breathing. | To study level of adipokine (leptin& adenoleptin) in patients with sleep disordered breathing. | PI-Sharad Singh Prof. Z.G.Badade, Dept. of Biochemistry, Dr. Banerjee. | 2016-2018 Completed |
| 2. | Effect of CPAP and weight loss on biochemical marker in diabetic obese patients with obstructive sleep apnea | To study Polysomnography parameters- (Sleep efficiency-Stage I%, Stage II%, Stage III%, Stage REM%,AHI (apnea hypopnea index) and ESS (Epworth Sleepiness Scale), serum level of adipokines i.e. Leptin, Adiponectin, Gherlin, Serum level of cytokine, interleukin IL-6, estimate the HbS1c% and Fasting blood sugar, HOMA-IR, Anthropometric and to study the serum lipid profile (Total Cholesterol, Triglycerides, HDL, LDL and VLDL), on obese diabetic patients with OSA. | PI-Mr. Vijay KumarShah.(Phd StudentsBiochemistry) Prof. Z.G.Badade, Dept. of Biochemistry, Dr. Alope Banerjee, Dept. of NeurologyDr. Sandeep Rai, Dept. of Medicine | 31/10/2018 Ongoing |
| 3. | Study of Biochemical parameters in type 2 diabetic mellitus with and without sleep disorder. | To study Biochemical parameters including fasting blood sugar (FBS), post-prandial Blood Sugar (PPBS), HbA1C, Lipid profile, HOMA IR, Urine microalbumin, CRP and Anthropometric measures: (BMI weight/height ²),Waist-to-hip ratio, neck circumferences (cm), age (year), Gender, job type, Annual income and Blood pressure (Systolic Pressure/Diastolic Pressure in mmHg) | PI-Sonali KhedekarProf. Z.G.Badade, Dept. of Biochemistry, Dr. P.V.Potdar, Prof. of Respiratory Medicine Dr. Sandeep Rai, Dept. of Medicine | 7/3/2019 Ongoing |
| 4. | “Association of sleep quality & glycemic control in type 2 diabetes mellitus.” | 1. To assess the glycemic control in type 2 diabetes mellitus patents through HbA1C 2. To assess their sleep quality by using PSQI questionnaire. 3. To observe the association of HbA1C with sleep quality | Dr Rita M.Khadkikar Associate Professor Physiology (Guide) Sweta Bhagat (II MBBS) | 2019 Ongoing |

MGMIHS CENTRE OF HUMAN MOVEMENT SCIENCES

Executive Summary

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.

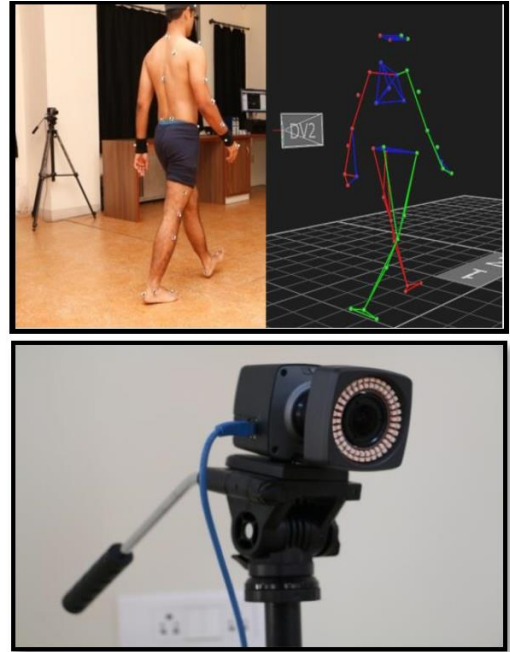
Intense efforts to deliver a triad of clinical service, research and training programs in clinical biomechanics continue at MGMCHMS to meet the ultimate goal of addressing healthcare needs specific to Indian lifestyle.

Facility

❖ Vicon motion capture system and AMTI force plates:

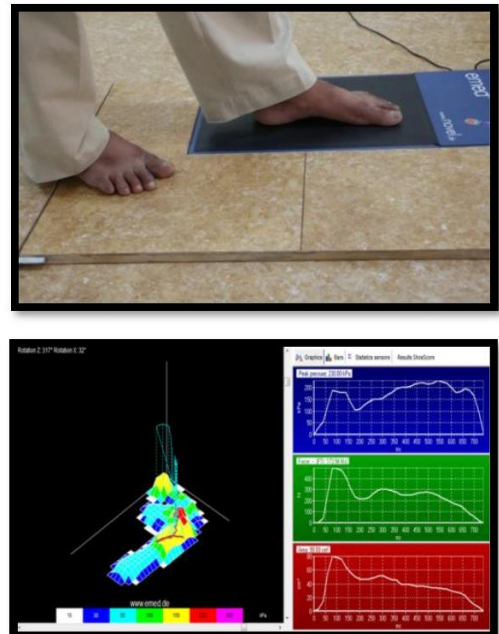
MGM CHMS is equipped with 12 high end 240 fps optical cameras (Vicon, UK) and three force platforms (AMTI, USA) to measure kinematics and kinetics of human movement.

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.



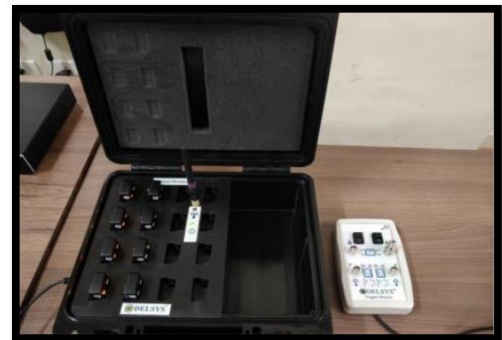
❖ **Fitmate:**

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.

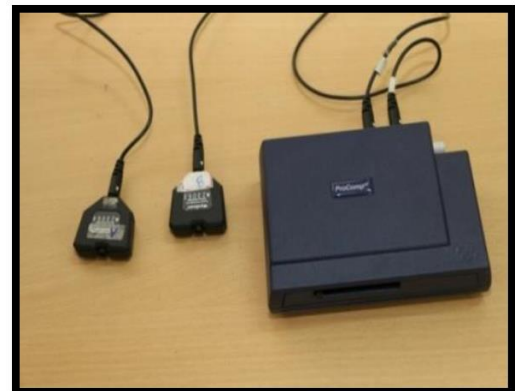


❖ **Electromyography system:**

Delsys Bagnoli EMG System: Delsys Bagnoli EMG DSY-DS-B03 is a 8 channel wire-less 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.



Tanita: Tanita is the standard and market leader for body composition analyzers. A Tanita body composition monitor provides you with valuable measurements regarding your health. These measurements tell you about your body fat, muscles, metabolism, bone structure and body water.



Trunk Leg Dynamometer: The dynamometer is for assessing trunk and leg strength. Due to its design, it provides an accurate and safe way to take measurements. A trunk dynamometer measures isometric and concentric strength and muscular endurance of the extensors and flexors of the lumbar and thoracic spine. The oversized body includes a solid base for safety as well as cushion handgrips for comfort. Chain adjusts for height differences or to vary the point of force application. Strength indicator remains at subject's maximum reading until reset. The scale measures to 660 lbs. or 300kg



Biothesiometer: Digital Biothesiometer is a non-invasive tool to detect neuropathy. The vibrometer helps to detect the loss of vibration perception threshold (VPT) accurately. This device is equipped with an electronic tuning fork which has vibration strength that slowly increases till the patient faces the vibration sensation. The digital vibrometer is integrated with a software system that enables storage of data and multiple reports of various patients.



MGM CHMS Team

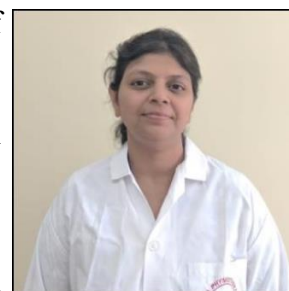
Faculty

Prof. Rajani Mullerpatan

Dr. Rajani leads School of Physiotherapy at MGM Institute of Health Sciences, Navi Mumbai. After completing her doctoral program at Research Centre for Clinical Kinesiology at Cardiff University, UK, she is currently focused on development of Biomechanics in India to meet local healthcare needs of Indian population. She has collaborated with leading national and international institutions in UK, Canada & Australia to promote training and research in clinical biomechanics & clinical rehabilitation and application in clinical care. Her passion and commitment along with her dedicated team drives activities of clinical service, research and training at MGMCHMS.



Dr. Bela Agarwal (PT): Dr. Bela's expertise lies in the area of cardiorespiratory and pulmonary Physiotherapy, the science of exercise physiology and exercise testing. A graduate from Seth.GS Medical College, Mumbai and a post graduate from Lokmanya Tilak Municipal Medical College, Mumbai in 1992, she has been working in the profession for 22 years at acclaimed teaching institutes, hospitals and clinics. She is associated with MGM Institute of Health Sciences, Navi Mumbai since the past 5 years in a part time capacity and is also pursuing doctoral studies at MGMSOP in the area of clinical biomechanics. She has keen interest in studying energy expenditure of movements and relating motion analysis to functional performance and capacity enhancement.



Dr. Triveni Shetty (PT): Dr. Triveni Shetty (PT), graduate from Dr. D.Y Patil College of Physiotherapy under MUHS, completed her Masters in Neurosciences from T.N.M.C medical college, Nair Hospital in 2013. She also holds a Diploma in rehabilitation-Physiotherapy degree from All India Institute of Physical medicine and Rehabilitation. With a keen interest in pediatrics and movement analysis of developmental disorders, she is currently working as a lecturer and is an in-house research scholar pursuing her PhD under the guidance of Dr.Rajani Mullerpatan. She is working with MGMCHMS team since its inception and plays a key role in capturing and processing data from VICON motion analysis system.



Dr. Juhi Bharnuke (PT): Dr. Juhi B (PT), graduate from MUHS in 2014 and post-graduate from MGM IHS in 2017, works as an assistant professor at MGM Centre of Human Movement Science, MGM School of Physiotherapy since October 2017. She is currently working in MGM CHMS for exploring dance biomechanics of Indian classical dance forms.



Dr.Poonam Desai (PT): Dr.Poonam Desai (PT) has completed her Bachelor of Physiotherapy from MGM School of Physiotherapy in 2014 and Master of Physiotherapy in Musculoskeletal Sciences from Sunandan Divatia School of Science under Narsee Monji Institute. She has experience in Neuro-paeds and musculoskeletal. She has done her diploma in Yoga. With a keen interest in geriatrics she is currently pursuing her PhD under the guidance of Dr.Rajani Mullerpatan.

Research Scholar

Senior Research Fellow

Dr.Blessy Thomas (PT): Dr.Blessy Thomas (PT) has graduated from M.G.M. College of Physiotherapy, Aurangabad in 2014 and completed her Master's in musculoskeletal science from MGM School of Physiotherapy, Navi Mumbai in 2016. Dr.Blessy Thomas (PT) has worked as a Physiotherapist for 1.5yrs in Multispecialty hospitals. She has a keen interest in research and currently working as Senior Research Fellow in MGMCHMS.



Junior Research Fellow

Dr.Ruchit Dani (PT):

Dr. Ruchit Dani (PT) is a graduate from Ashok & Rita Patel Institute of Physiotherapy, Charusat, Changa and has completed his internship from Sir Takhtsinhji General Hospital, Bhavnagar (June 2019 – November 2019). He is currently employed as a Junior Research Fellow by BETiC, IIT Bombay, Powai. (January 2020 – Present)



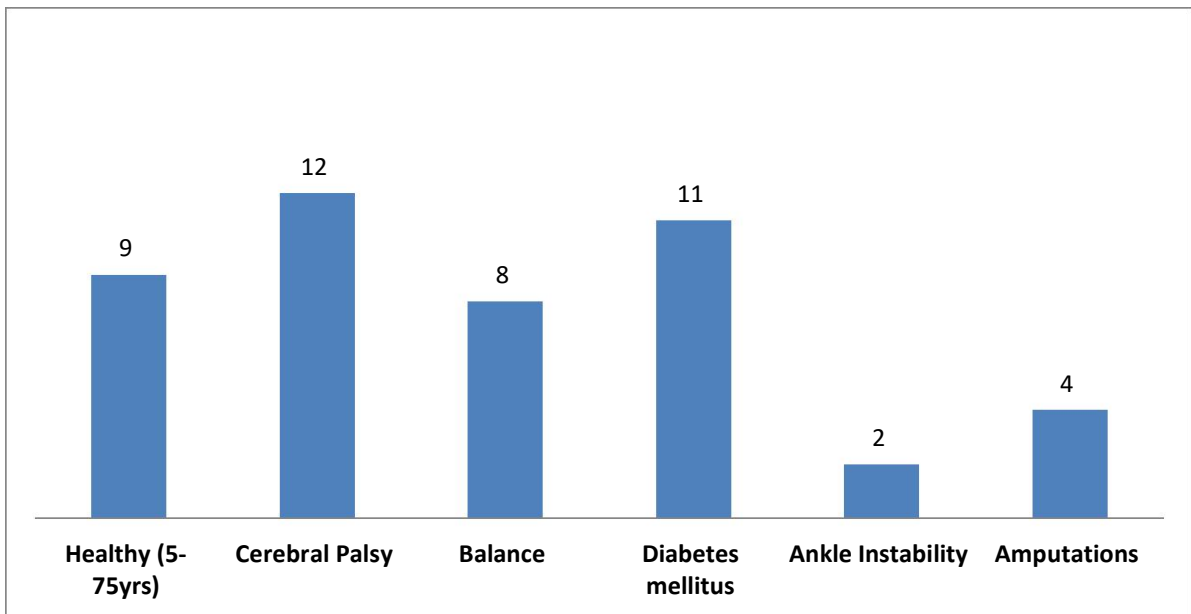
Research & Clinical services

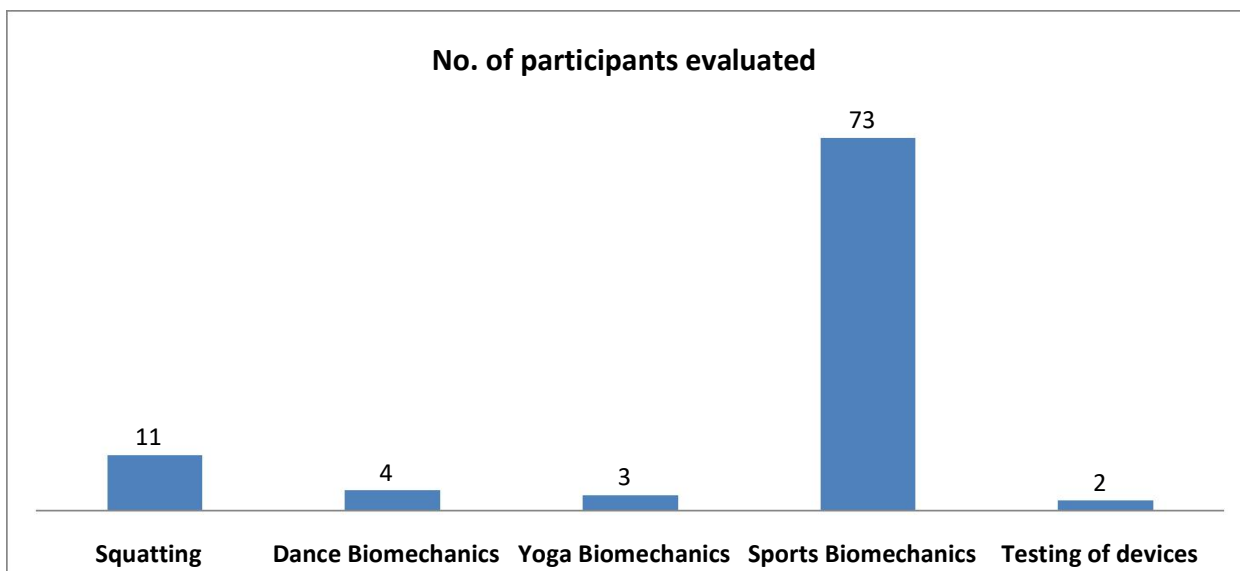
MGM Centre of Human Movement Science is committed to develop biomechanics in India in all 3 domains i.e. academic, research and clinical. MGM Centre of Human Movement Science teams did the tremendous work in all three domains. 350 consented healthy participants (aged between 5-75 yrs) were analyzed to 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.

In the year June 2019-June 2020, 46 patients and 93 healthy participants underwent 3D motion analysis. We could not test patients and participants from March 2020 onwards due to restrictions placed by the COVID pandemic.

No. of healthy participants & patients evaluated using 3D-motion analysis system





Extramural funded projects:

Development of a Powered Trans-Tibial Prosthesis

Abhishek Gupta, Rajani Mullerpatan

Gait analysis of trans-tibial amputees wearing conventional unpowered prostheses is largely asymmetric, with increased dependence on the intact leg. The present study aimed at examining differences between conventional (unpowered) prostheses and powered trans-tibial prosthesis with regard to kinematic parameters, activity of the muscles and energy consumption while walking. Gait analysis was carried out for five out of ten ($n=5/10$) participants with traumatic/vascular unilateral trans-tibial /below knee amputation. Participants were community ambulators using prosthesis with Ranger foot for more than a year. Following clinical assessment, gait kinematics and kinetics were evaluated using 3-D gait analysis, superficial muscle electromyography and energy expenditure of walking. Our observations indicate altered spatial-temporal gait variables, increased muscle activity, kinematic asymmetry between sides, increased energy cost of walk activity and reduced functional capacity in people using unilateral prosthesis. These differences may be attributed to several factors such as stiff prosthetic ankle joint, loss of normal ankle rockers, absence of adequate push-off by gastrocnemius muscle and insufficient knee flexion, leading to loss of natural gait cadence and increase in muscle activity and energy cost of walking, supporting the need for development of a bi-articular powered prosthesis to improve mechanics of gait and reduce energy cost.

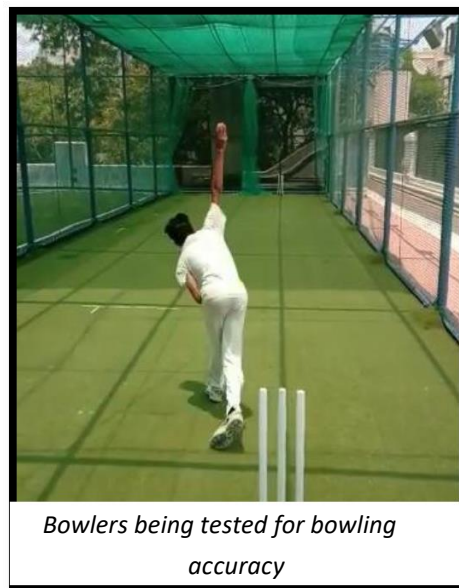
Intramurally funded projects:

- ❖ **Effect of Yoga on Bowling Performance and Physical Fitness in Cricket Bowlers** *(manuscript in pipeline)*

Sumedh Vaidya, Bela Agarwal

Cricket, as a sport, derives its thrill from the battle between bat and ball. Limited information is available on factors that contribute to proficient fast bowling performance. Yoga has a distinct emphasis on physical postures (asanas), respiration techniques (pranayama), deep relaxation that cultivate awareness and improve attention. A total 30 non-elite cricketers aged 13-25 years were recruited for a 12-week Yoga intervention program. A 12-week intervention of Yoga demonstrated significant improvement in bowling speed ($p < 0.001$), accuracy ($p < 0.001$), upper limb strength ($p < 0.001$), lower limb strength, power and flexibility ($p < 0.001$), back muscles strength ($p < 0.001$), and cardiovascular endurance ($p < 0.001$). Bowling speed and accuracy was marginally better in Yoga intervention group compared to control group. Speed improved by 6.52% in the Yoga group, whereas Control group demonstrated improvement of 5.18%. The bowling accuracy

improved in the Yoga group by 35.4% while control group demonstrated an improvement of 31.29%.



Bowlers being tested for bowling accuracy

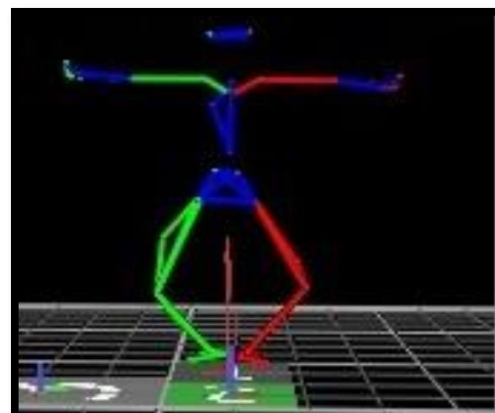
- ❖ **Biomechanical exploration of Aramandi: A fundamental Bharatanatyam dance posture**

(manuscript in pipeline)

Juhi Bharnuke, Rajani Mullerpatan

Aramandi is a fundamental dance pose adopted in Bharatanatyam. Prolonged exposure in sustaining *Aramandi* is speculated to cause alteration in kinematics of spine, pelvis and lower extremity, which may reflect in the dancer's daily life movements. Hence a cross-sectional study was conducted on Bharatanatyam dancers ($n=10$) using 3 D motion capture system to understand kinematics of major joints of lower extremity during *Aramandi*. Dancers reported an average of 12 years dance experience with a mean exposure of 5.5 hours per week. Balance performance was 25% better during *Aramandi* compared to static bipedal stance. Dancers attained an average of 30° spine extension, 28° anterior pelvic tilt, 55° hip flexion, 34° hip abduction, 82° knee flexion and 43° ankle dorsiflexion while adopting *Aramandi* stance. 3D kinematic evaluation

of *Aramandi* pose revealed quantification of joint angles at spine and pelvis along with hip, knee and ankle joints bilaterally. Present findings will provide insight in clinical evaluation and management of musculo-skeletal impairments reported at low back and knee joint.



3D stick figure on motion analysis system of traditional Bharatanatyam posture- Aramandi

❖ **Musculoskeletal Foot adaptations in Bharatanatyam dancers** *(manuscript submitted)*

Rajani Mullerpatan, Juhi Bharnuke

In the most commonly practiced Indian classical dance form i.e. Bharatanatyam, rhythmic tapping performed barefeet at varying speeds (*laya*) is speculated to influence height of medial longitudinal arch causing structural alteration of ankle-foot complex. Present study explored musculoskeletal foot adaptations in trained Bharatanatyam dancers. Twenty-one trained Bharatanatyam dancers and 21 age-matched healthy non-dancers participated. During walking, dancers presented 21% higher arch index arch, 15% wider forefoot, 44% wider midfoot. Total plantar pressure distribution was 37% higher among dancers. Current findings will inform clinicians and Bharatanatyam dancers on dancer’s foot function and guide strategies for prevention of foot pain and rehabilitation

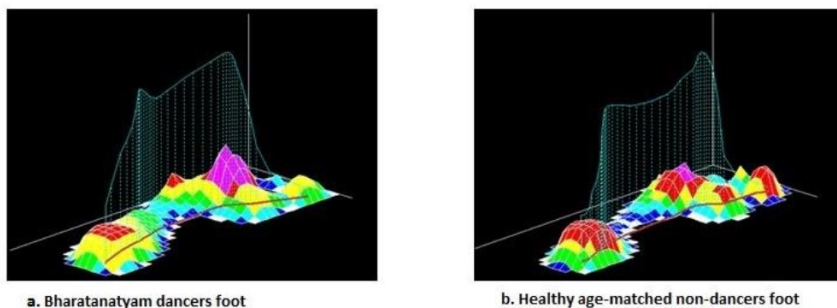


Figure 10. Maximum Plantar Pressure during walking in a) Bharatanatyam dancer b) Healthy age-matched non-dancer

During walking, dancers presented 21% higher arch index arch, 15% wider forefoot, 44% wider midfoot. Total plantar pressure distribution was 37% higher among dancers. Current findings will inform clinicians and Bharatanatyam dancers on dancer’s foot function and guide strategies for prevention of foot pain and rehabilitation

❖ **Effect of 12 weeks of barefoot exercises on lower extremity functional fitness tests and running performance in sub-elite marathon runners** *(manuscript in pipeline)*

Neha Raorane, Bela Agarwal, Pravin Gaikwad, Juhi Bharnuke, Rajani Mullerpatan

Running places substantial repetitive loading on the foot. Running related foot injuries are often related to poor intrinsic muscle strength and balance of foot. Improved proprioception and balance due to barefoot running has been reported. The current study explored the effect of barefoot exercise intervention on foot structure, function and dynamic balance performance in sub-elite marathon runners. All participants were evaluated with the pre-intervention tests which included-power, flexibility, lower limb strength



Runners practising barefoot exercises



Foot pressure analysis of sub-elite Marathon Runner

testing, agility, balance test,

performance test, intrinsic muscle strength (E-med). Barefoot exercise intervention was beneficial in reducing arch index during running which is indicative of increase in intrinsic muscle strength. Reduced forefoot loading was observed in barefoot exercisers during running. Greater improvement in dynamic balance support prescription of bare-foot exercises in runners.

❖ **Effect of Plyometric training on explosive power,**

agility, balance and aerobic performance of young adult male Kabaddi players *(manuscript accepted for publication)*

Richa Dharod, Triveni Shetty, Ruturaj Shete, Rajani Mullerpatan

Kabaddi is a team contact sport demanding higher level of endurance, explosive power, strength, agility, reaction time, spatial awareness and speed. Present study hypothesized that plyometric training integrated with conventional Kabaddi training would sports specific fitness among male Kabaddi players. Sixty-one sub-elite Kabaddi players (18-35 years) were allotted to plyometric training group (n=31) and control group (n=30). Kabaddi players trained with plyometric exercises demonstrated significant improvement in physical fitness components of explosive power ($p < 0.05$), lower extremity flexibility ($p = 0.00$), skeletal muscle mass ($p = 0.00$), balance ($p < 0.05$) agility ($p = 0.00$) and aerobic capacity ($p = 0.00$) compared to conventional training group. This improvement is speculated to cast a positive impact on raiding and defense performance of Kabaddi players. Hence, it is recommended that plyometric training could be integrated along with conventional training regime to enhance sports performance of Kabaddi player.



❖ **Exploration of upper extremity functions among people with shoulder dysfunction with and without Diabetes mellitus and the effect of Gomukhasana on shoulder functions** *(manuscript in pipeline)*

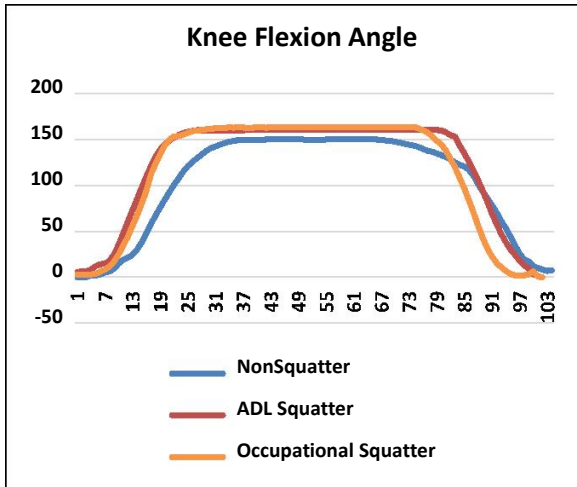
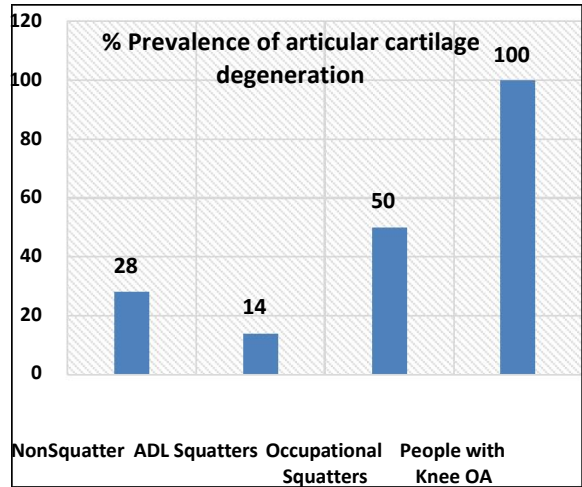
Hiloni Badani, Rajani Mullerpatan, Surendra Wani

Shoulder dysfunction is most common in upper limb with a prevalence of 29.61% in patients with diabetes. Poor compliance to routine to exercises due to time constraints is a major challenge. Thus, it is deemed essential to explore one comprehensive asana-Gomukhasana and its effect on muscle activity, joint mobility and regulation of diabetes for management and prevention of shoulder complication in Diabetes. Twenty individuals with shoulder dysfunction (10 with and 10 without diabetes) in the age group of 45-65 years were included in this study. Patients who received Gomukhasana intervention demonstrated a significant increase in flexion, extension, internal rotation and external rotation range of motion and 30% increased shoulder abductor muscle strength among people with diabetes mellitus.

❖ **Effect of squatting on knee articular cartilage in healthy adults**

Bela Agarwal, R Mullerpatan

Partial squatting activity as an intervention has been studied in established cases of OA. Insufficient literature on biomechanical, structural and biochemical adaptations to varying magnitude of squatting exposure in asymptomatic adults makes it necessary to analyse whether this self-loading activity can be used as a predictive and rehabilitative tool for early identification and early intervention directed towards delaying articular cartilage damage. Following ethical approval 150 healthy adults (Non squatters, ADL squatters and occupational squatters) in the age group 30-45 years and 30 people with knee OA were recruited for the study. Squat exposure was quantified using a validated tool- MGM Ground Level Activity Questionnaire. Longer exposure to deep squatting activities appears to result in increased knee flexion, and ability to maintain squat with posterior pelvis tilt and spine extension. With respect to structural changes on knee MRI, prevalence of early signs of articular cartilage damage was 28% in non-squatters, 14% in ADL squatters and 50% in occupational squatters. People with knee OA who



continued to squat (30 ± 36 min) maintained knee ROM as opposed to people who had given up squatting. Further, a deep-squat intervention in healthy people led to increase in lower extremity muscle strength. Moderate squat exposure (upto 30 min) appears to exert a protective effect on knee articular cartilage in healthy people as indicated by the confluence between microcellular structures (knee articular cartilage MOAKS score), biomechanical indicators (Knee adductor Moment) and biochemical indicators (uCTxII and PLA2).

❖ **Gross motor function profile of children with cerebral palsy from low resource setting**

Triveni Shetty, Dr. Rajani Mullerpatan

Globally, 15 % of the population, live with a disability, with 80% residing in low- and middle-income countries (LMICs). An individual's experience of disability is largely driven by the contextual factors, both at the individual (e.g., age, sex) and wider societal level (e.g., access to health services, attitudes towards

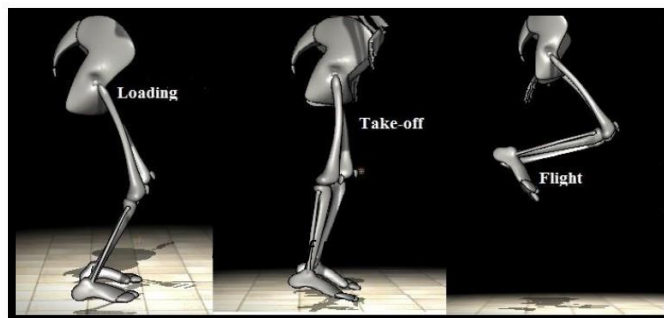


disability). The gross motor outcome of children with cerebral palsy in low resource settings with fewer resources to support their child's development, cultural differences in parental interaction style, and lower/ delayed access to health services remains unclear. Thus the current study aimed to explore the gross motor outcome based on GMFM score among children and adolescent with cerebral palsy at various GMFCS level in a low resource setting in India to plan comprehensive and optimal rehabilitation goals. Seventy-one ambulatory children (5-18yr) with spastic cerebral palsy (61%males) with mean

crouch angle 22.2° physically and cognitively able to complete a three-dimensional gait analysis (3DGA) were included after obtaining signed informed consent from parents and assent from children above 12 years. The total GMFM score in GMFCS I was 91.26 %, in GMFCS II was 75.42 %, in GMFCS III was 53.58% and in GMFCS IV was 45.92%. Significant linear decline was noted in mean GMFM score from GMFCS I to GMFCS IV (p=0.00). The children from low resource settings were more affected than children from high resource setting (from literature) at similar GMFCS level.

❖ **Lower extremity joint loading during Bounce rope skip in comparison to run and walk**
R. Mullerpatan, Triveni Shetty

Bounce rope-skip holds immense scope for physical activity in space and time constrained urban setting, wherein compliance to commonly performed weight-bearing, aerobic activities like walking and running is a challenge. Thus, present study aimed to explore kinematics and lower-extremity joint loading during rope-skipping compared to walking and running. Following ethical approval, 3D motion analysis of bounce rope-skip, walk and run was captured from 22 healthy female participants aged 18-25yr. In one bounce rope-skip cycle, hip motion ranged between 13.4 flexion; knee between 13.6 -67.9 flexion, 35.3° and ankle between 34.5 dorsiflexion to -13.4 plantarflexion. Vertical ground reaction force(vGRF) during rope-skip(landing-phase) was lower compared to run; however, it was higher than walk (p<0.001). In coronal plane, peak hip and knee adductor moment during rope-skip were lower compared to run and higher than walk (p<0.001). Bounce

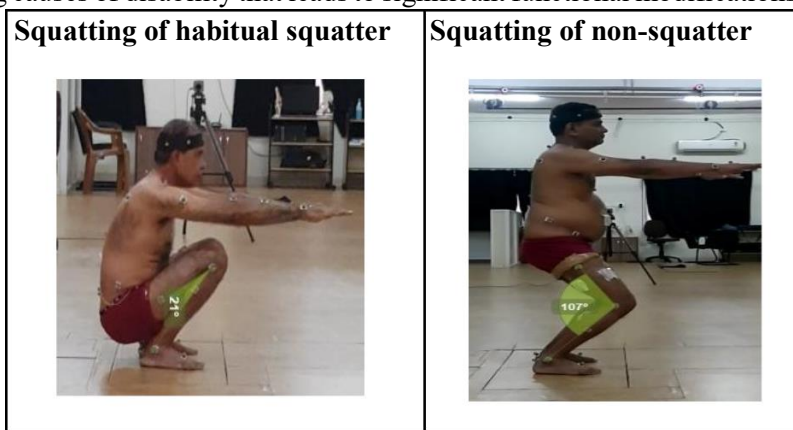


rope- skip caused low loading on hip, knee and ankle joints compared to run ; supporting its prescription as hip and knee joint-protective exercise for health promotion in young adults.

❖ **Comparison of knee mobility, muscle activity, balance and quality of life among non-squatters and habitual squatters with knee Osteoarthritis**

Bela Agrawal, Rajani Mullerpatan

Knee osteoarthritis is one of the leading causes of disability that leads to significant functional modifications and activity limitations. Many people perform deep squat as a component of habitual activities of daily living whereas others completely refrain from squatting. We explored knee mobility, lower extremity muscle strength, balance and quality of life among 24 habitual squatters and non-squatters with knee osteoarthritis. Habitual squatters reported a moderate squat exposure of 30-40 min/day. Active as well as passive knee flexion was significantly greater in habitual squatters (133.9⁰, 143.9⁰ respectively) compared to non-squatters (110.5⁰, 117.5⁰ respectively). Lower extremity muscle strength was greater in habitual squatters while functional performance was similar in both groups. Our findings suggest a beneficial effect of low-moderate daily exposure to squat activities. While lack of squat exposure results in reduction in knee mobility.



❖ **Validation of an indigenously developed device for measuring stiffness of plantar tissue in people with Type II diabetes**

Prof. Ravi B, Rajani Mullerpatan, Dr Paritosh Baghel

India faces a gigantic challenge of diabetes which is growing rapidly over the last few years. Changing lifestyle and improved capacity for detection can explain this rampant growth. Out of these 29.6 % to 60 % present with diabetic neuropathy. In the last two-three decades, rise in

diabetic foot complications has led to increase in search for valid, sensitive and reliable tools for early identification of diabetic neuropathy. Diabetic neuropathy leads to hardening of the plantar surface which can lead to changes in plantar cutaneous sensory thresholds and tissue stiffness. Currently there is no tool to measure plantar tissue stiffness as an indicator of tissue breakdown. Hence a tissue stiffness measurement device was developed and is in the process of being patented. Validity the device needs to be determined prior to wide scale application for identification of diabetic foot complications. Output from the study will generate a reference data base from healthy non-diabetic adults for plantar tissue stiffness, sensory, vibration threshold, temperature and plantar pressure.

Long term Impact:

- ❖ Build awareness and education of diabetic foot complications
- ❖ Early detection of foot deformities and risk of plantar ulceration in the survey population
- ❖ Save an estimated 15 % of diabetic population that develop diabetic foot ulcer atleast once in lifetime.
- ❖ Develop a sustainable model for early detection of diabetic neuropathy and prevention of foot complications.

Dissemination of knowledge



A workshop was conducted for 10 interns on “Overview of Gait Analysis” by Dr. Triveni Shetty (PT) and Dr. Juhi Barnuke (PT) on 31st, December, 2019 at MGMCHMS to introduce them to the value of 3D motion capture in identification of functional movement disorders.



A workshop was conducted at MGMCHMS on 3rd March, 2020 to introduce the concepts of Biomechanics to 23 young future entrepreneurs of MGM School, Nerul

Lecture conducted on 17thFeb,2020 by Dr. Triveni

Shetty (PT) for students of PNO department on Balance and Posture analysis. The students were introduced to 3D balance analysis to gain insight into potential applications for designing assistive technology.



Intellectual Property

Collaborative interdisciplinary research to address local health care needs of people with movement impairments resulted in design of two patents jointly with IIT Bombay. Copyrights...

® Patents filed

| Invention Title | Name of Inventors | Patent No. | Date of Filing |
|---|--|---------------|----------------|
| A device for measurement of properties of a body part | Maurya Amit Mullerpatan Rajani Bhallamudi Ravi Ghyar Rupesh | 1431/MUM/2015 | 06/04/2015 |
| A Device For Screening Of A Diabetic Foot | Nishant Kathpal Ghyar Rupesh Chetan Pakhare Yash Gupte Bhallamudi Ravi Mullerpatan Rajani | 201821005692 | 05/02/2018 |



Prototype of tissue stiffness device

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| Sr. No. | Name/(s) Copyright awardee | Copyright Number (ROC Number) | Title of Copyright | Date of copyright registration |
| 1 | Bela Agarwal and Rajani Mullerpatan | L-91340/2020 | Pediatric Fitness Testing Report Females 13-18 years | 21/05/2020 |
| 2 | Rajani Mullerpatan, Triveni Shetty | L-92919/2020 | Reference Values for Spatiotemporal Variables of Gait in Healthy Indian Adults | 17/07/2020 |
| 3 | Rajani Mullerpatan, Bela Agarwal | L-92917/2020 | Reference Values for Physical Fitness in Healthy Indian Children: 6-12 years and Adolescents: 13-17 years | 17/07/2020 |
| 4 | Rajani Mullerpatan, Triveni Shetty | L-93922/2020 | 3-Dimensional Gait Report for Children: 9+ to 12 years | 21-08-2020 |
| 5 | Bela Agarwal, Rajani Mullerpatan | L-93923/2020 | MGM Pediatric Fitness Testing Report: Males 13-18 Years | 21-08-2020 |

Research Publications

| Sr. No | Title | Authors | Journal | Year | Database Indexing |
|-------------------------------------|--|--|--|------|-------------------|
| Amputation/Disability | | | | | |
| 1. | Review of Contextual Factors Influencing Function Following Lower Extremity Amputation in Low to Middle Income Countries | Rajani Mullerpatan, Megha Sonkhia, Blessy Thomas, Swagatika Mishra, Abhishek Gupta, Bela Agarwal | Critical Reviews™ in Physical and Rehabilitation Medicine | 2019 | Scopus |
| Ground level Activity: Squat | | | | | |
| 2. | Influence of Varying Squat Exposure on Knee Pain and Function among People with Knee Osteoarthritis | Bela Agarwal, Manisha Advani, Robert Van Deursen, Rajani Mullerpatan | Critical Reviews™ in Physical and Rehabilitation, Medicine | 2019 | Scopus |
| 3. | Influence of Varying Squat Exposure on Knee Pain and Function among People with Knee Osteoarthritis | Bela Agarwal, Manisha Advani, Robert Van Deursen, Rajani Mullerpatan | Critical Reviews™ in Physical and Rehabilitation, Medicine | 2019 | Scopus |
| Exploration of Yoga | | | | | |
| 4. | Exploration of muscle activity using surface electromyography while performing Suryanamaskar | Rajani Mullerpatan, Bela Agarwal, Triveni Shetty | International Journal of Yoga | 2020 | PubMed |
| Dance Biomechanics | | | | | |
| 5. | Evaluation of Standing Balance Performance in Indian Classical Dancers | Juhi Bharnuke, Rajani Mullerpatan | Journal of Dance, Medicine and Science | 2020 | PubMed |

Eminent Visitors



Visit by Dr.Brinda Merchant (PT),Head Physiotherapist; and Mr Nevil Kavarana (CEO Aquacentric, Mumbai) on 19/08/19. The team expressed intrest in collaborative research between MGMCHMS and Aquacentric. They were introduced to the facilities at MGMCHMS by Dr Bela Agarwal(PT) and Dr Triveni Shetty(PT).



Visit by Dr.Jaimala Shetye (Associate Professor, Seth G.S. Medical College and K.E.M Hospital, Mumbai) and Dr.Umanjali Damke (Principal, Physiotherapy School & Center, G.M.C, Nagpur) on 27/08/19 for inspecting MGMCHMS. The inspectors were shown the facilities at MGMCHMS by Dr.Triveni and Dr.Rajani.



A delegation of National Sun Yat-sen University lead by Dr.Cheng-HsinChaung (Associate Professor) along with Dr.Yow-Ling Shiue (Geneticist), Dr.Yu-Chiuan Chang (Assistant Professor-Institute of Biomedical Sciences), Dr. Peter Pan, Dr.Chun-Lin Chen (Associate Professor), Dr.Yu-Chung Chiang (Professor, Chair of Department of Biological Sciences) visited the Centre of Human Movement Sciences on 6th November, 2019. The visitors were informed scope of the Centre in patient care, research technology validation and training in Clinical Biomechanics the constituent units of MGMIHS with details of facilities available at MGM School of Biomedical Sciences because of their expertise in Biological Sciences. Opportunities for collaborative research were discussed between Dr. Rajani Mullerpatan (Prof-Director of MGM School of Physiotherapy and MGMCHMS), Dr.Lee, Kun-Ze, Dr. Wu Chang-Yi, Dr.Fu, Han-Yi and Dr.Chan, Samuel H.H.



Visit by Dr. Claire Hiller (University of Sydney) on 25th November, 2019. The student exchange program was discussed between Dr Claire and Dr.Rajani Mullerpatan (Prof-Director of MGM School of Physiotherapy and MGMCHMS) at MGMCHMS.



Visit by Mr. Momin.S from BeTic IIT Mumbai on 29th November, 2019 for demonstration of Plantar Tissue stiffness analysis device at MGMCHMS.



Visit by Dr.Gopakumar Nair to MGM CHMS at 9am to discuss potential of data generated by MGM CHMS that can be patented on 10th December 2019.



Visit by Dr. Sharlet Hagar to MGMCHMS lab on 12th January, 2020. Brief profile of work at MGM Centre of Human Movement Science, Navi Mumbai was informed by Dr. Triveni Shetty (PT).



Visit by Dr. Brian Kennedy to MGMCHMS on 12th Feb, 2020 at 9.30am. Discussions were held regarding sports biomechanics in India and Canada.



Visit by Dr. Reena Kumar and Mr. Victor Vaz to MGMCHMS on 26th Feb, 2020 at 11.30am. Brief profile of work at MGM Centre of Human Movement Science and opportunity to propose MGMCHMS as a National Research Centre for Sports Biomechanics for children with intellectual disability was discussed.

Summary

MGM Centre of Human Movement Science continues its activities in four domains namely- training, research, patient care and technology design and validation. We will review past, present and future activities in a meeting proposed to be held on 5th Oct 2020. We hope to witness keen participation from our collaborators, researchers, academicians and clinicians from government and self-funded higher academic health and engineering institutes to gain feedback and to plan a roadmap for future initiatives.

Meanwhile we continue our scientific exploration of Indian traditional movements adopted in daily life, Yoga, sports and classical dance forms to promote human movement as a therapeutic device; using state of art gold standard technology facilities available at MGMCHMS necessary for design and validation of innovative devices in the field of rehabilitation.

About 11th Convocation

The 11th Convocation was held on Wednesday, 31st July, 2019 at 10.00 am. The Chief Guest was Dr. Bhushan Patwardhan, Vice Chairman, University Grants Commission, New Delhi.

The Guest of honour of the session was Shri. Kamalkishor Kadam, Founder Chancellor, MGM Institute of Health Sciences, Navi Mumbai & Chairman, Mahatma Gandhi Mission.

Shri Kamalkishor Kadam, Chancellor, MGM Institute of Health Sciences, Navi Mumbai presided over the function and conferred degrees in presence of Dr. Shashank D. Dalvi, Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai.



**Total number of Eligible Students for 11th Convocation
Dated 31/07/2019 at Aurangabad**

| Course | Number of Students | | Total |
|----------------------------|--------------------|------------|------------|
| | NM | Aurangabad | |
| PG Course | | | |
| Ph.D. | 8 | 0 | 8 |
| MD | 40 | 32 | 72 |
| MS | 20 | 8 | 28 |
| PG Diploma | 8 | 3 | 11 |
| M.Sc. Medical | 38 | 0 | 38 |
| Total | 114 | 43 | 157 |
| UG Course | | | |
| MBBS | 163 | 132 | 295 |
| B.Sc. (AHS) | 9 | 6 | 15 |
| BPT | 54 | 27 | 81 |
| Total | 226 | 165 | 391 |
| Total (UG & PG) | 340 | 208 | 548 |

LIST OF MEDALS AWARDED IN ELEVENTH CONVOCATION

1. **Dr. A. M. Vare Gold Medal** to **Mr. Shewale Yash Sampat** from MGM Medical College, Navi Mumbai for securing **Highest Marks in Anatomy Subject** (1st Year MBBS ; Batch 2013-18)
2. **Dr. R. D. Kulkarni Gold Medal** to **Ms. Thakker Vaishnavi Sanjay** from MGM Medical College, Navi Mumbai for securing **Highest Marks in Pharmacology Subject** (2nd Year MBBS; Batch 2013-18)
3. **Dr. C. A. Franklin Gold Medal** to **Ms. Anam Shadab Tikki Mohd Arif** from MGM Medical College, Aurangabad for securing **Highest Marks in FMT Subject** (2nd Year MBBS ; Batch 2013-18)

4. **MGMIHS Gold Medal to Ms. Thakker Vaishnavi Sanjay** from MGM Medical College, Navi Mumbai for securing **Highest Marks in General Medicine** (3rd Year Part-II MBBS ; Batch 2013-18)
5. **MGMIHS Gold Medal to Ms. Thakker Vaishnavi Sanjay** from MGM Medical College, Navi Mumbai for securing **Highest Marks in General Surgery** (3rd Year Part-II MBBS ; Batch 2013-18)
6. **MGMIHS Gold Medal to Ms. Anam Shadab Tikki Mohd Arif** from MGM Medical College, Aurangabad for securing **Highest Marks in OBGY.** (3rd Year Part-II MBBS ; Batch 2013-18)
7. **MGMIHS Gold Medal to Ms. Tanmayi Sanjay Chavarkar** from MGM Medical College, Navi Mumbai for securing **Highest Marks in Paediatrics** (3rd Year Part-II MBBS ; Batch 2013-18)
8. **Chancellor's Medal to Ms. Anam Shadab Tikki Mohd Arif** from MGM Medical College, Aurangabad for being the "**Best Graduate in MBBS**" (Batch 2013-18)
9. **Chancellor's Medal to Dr. Kanhere Minal Dattatraya** from MGM Medical College, Navi Mumbai for being the "**Best Medical Post Graduate in Clinical Sciences (MD/MS)**" (Batch 2016-19)
10. **Chancellor's Medal to Dr. Indu Slathia** from MGM Medical College, Navi Mumbai for being the "**Best Medical Post Graduate in Pre/Para Clinical Sciences (MD/MS)**" (Batch 2016-19)
11. **Chancellor's Medal to Mr. Iyer Lakshman Chandrashekhar** from MGM School of Physiotherapy, Navi Mumbai for being the "**Best Graduate in Physiotherapy**" (Batch 2014-18)
12. **Chancellor's Medal to Ms. Chaphekar Gargi Rohit Madhuri** from MGM School of Biomedical Sciences, Navi Mumbai for being the "**Best Post Graduate in M.Sc. (Allied) 2 Years**" (Batch 2017-19)
13. **Chancellor's Medal to Ms. Anuja Mary Sabu** from MGM Medical College, Navi Mumbai for being the "**Best Post Graduate in M.Sc. (Medical) 3 Years**" (Batch 2016-19)

About 12th Convocation

The 11th Convocation was held on Sunday, 19th January, 2020 at 10.00 am. The Chief Guest was Prof. Deelip G. Mhaisekar, Vice Chancellor, Maharashtra University of Health Sciences, Nashik.

The Guest of honour of the session was Shri. Kamalkishor Kadam, Founder Chancellor, MGM Institute of Health Sciences, Navi Mumbai & Chairman, Mahatma Gandhi Mission.

Shri. Kamalkishor Kadam, Chancellor, MGM Institute of Health Sciences, Navi Mumbai presided over the function and conferred degrees in presence of Dr. Shashank D. Dalvi, Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai.



**Total number of Eligible Students for 12th Convocation
Dated 19/01/2020 (Navi Mumbai)**

| Course | Number of Students | | Total |
|-----------------|--------------------|------------|-------|
| | NM | Aurangabad | |
| PG Course | | | |
| Superspeciality | 1 | 4 | 5 |

| | | | |
|----------------------------|------------|-----------|------------|
| Ph.D. | 8 | 4 | 12 |
| MD | 5 | 3 | 8 |
| MS | 1 | 4 | 5 |
| PG Diploma | 1 | 2 | 3 |
| MPT | 15 | 9 | 24 |
| M.Sc. Nr. | 6 | 0 | 6 |
| NPCC Nr. | 6 | 0 | 6 |
| M.Sc. AHS | 0 | 0 | 0 |
| M.Sc. Med | 0 | 0 | 0 |
| Total | 43 | 26 | 69 |
| UG Course | | | |
| MBBS | 4 | 0 | 4 |
| B.Sc. (AHS) | 19 | 1 | 20 |
| BPT | 10 | 14 | 24 |
| B.Sc. Nr. | 41 | 0 | 41 |
| PBBSc. Nr. | 13 | 0 | 13 |
| Total | 87 | 15 | 102 |
| Total (UG & PG) | 130 | 41 | 171 |

LIST OF MEDALS AWARDED IN TWELFTH CONVOCATION

1. **Chancellor’s Medal** to **Ms. Alina Sajumon** from MGM New Bombay College of Nursing, Navi Mumbai for being the “**Best Graduate in Nursing**” of the Academic year **2015 – 19**.
2. **Chancellor’s Medal** to **Ms. Sreedevi P S** from MGM New Bombay College of Nursing, Navi Mumbai for being the “**Best Post Graduate in Nursing (NPCC)**” of the Academic year **2017-19**.
3. **Chancellor’s Medal** to **Ms. Dighe Apoorva Dilip** from MGM School of Physiotherapy Navi Mumbai for being the “**Best Post Graduate in Physiotherapy (Neuro-physiotherapy)**” of the Academic year **2017-19**.

Research and Innovation at MGMIHS



Dr. Sabita M. Ram
Director Research

Research and innovation is the back bone of an institute, it is important for the development and growth of faculty and students. The MGMIHS has an environment favourable for research; it encourages the students and faculty to actively participate in research activities

Research in various disciplines of the health institute is planned taking advantage of the expertise of the learned faculty. Researchers and faculty members with State of art infrastructure, research promotion and application strategy enhance research. The MGMIHS introduces research at an early stage during the induction program for the undergraduate students. It encourages research and innovation in health services and clinical trials by faculty and students at Undergraduate, Postgraduate and PhD levels.

The MGMIHS has a sophisticated centralized research Laboratory, OMICS centre and clinical trials unit. The MGMIHS Incubation & Innovative Centre and the Institution's Innovation Council encourage research and start-ups. Research is connected with experience, critical, creative and independent thinking faculty who link academics and patient care with evidence based outcome.

The MGMIHS has the Research Promotion Policy and Research Promotional measures with financial support as seed money for research and presenting research papers, organizing conferences. It has the IPR Policy, Incubation and Innovation policy and the Publication Guideline policy, Incentive for publications, books & chapters is given. Fund for filling Copyrights and Patents is also given and authors are encouraged by giving the best scientific paper awards for impactful publications.

It has committees to monitor research activities, the committees are approved by the Govt. of India.

The MGMIHS has received the SIRO certification.

The MGMIHS conducts the PhD program and encourages the faculty to register for PhD. It also has Collaborations with other universities and agencies & receives Consultations for the health work carried.

The annual report of the Research activities is being submitted for the year 2019-2020.

Dr. Sabita M. Ram
Director Research

MGM Institute Health Sciences: Promotion of Research

❖ Seed Money provided by MGMIHS

| Sr. No. | Title of the project | Investigators | Funding agency | Year & Duration | Amount Received during the year (Rupees in Lakhs) | Total Grant (in Rs.) |
|---------|---|--|----------------|-----------------|---|----------------------|
| 1 | Major neurological complications following central neural blockade - A pilot study in Aurangabad city | Dr. Sadhana Kulkarni | MGMIHS | 2 Years | 25,000/. | 25,000 |
| 2 | Biomechanical exploration of Yoga for its scientific application in health care | Dr. Rajani Mullrpatan Dr. Triveni Shetty (PT) | MGMIHS | 2 Years | 72,000 | 2,43,000 |
| 3 | Biomechanical exploration of Bharatanatyam dance postures) | Dr. Juhi Bharnuke (PT) | MGMIHS | 2 Years | 1,80,000 | 40,000 |
| 4 | Biomechanical Exploration of Suryanamaskar) | Dr. Rajani Mullrpatan Dr. Triveni Shetty(PT) | MGMIHS | 2 Years | 2,12,000 | 32,000 |

❖ The following have been given publications incentive- Scopus, PubMed, WOS.

| Sr. No. | Name of Author | Total Amount |
|---------|------------------------------|--------------|
| 1 | Dr. Sneha Pratap Kotian | 10000 |
| 2 | Dr. Raghav R Nagpal | 10000 |
| 3 | Dr. Varshav Shahajirao Gore | 10000 |
| 4 | Dr. Ipseeta Ray | 10000 |
| 5 | Dr. Rohit Mahesh Sane | 5000 |
| 6 | Dr. Pradeep R. Jadhav | 5000 |
| 7 | Dr. Thakur Mansee | 10000 |
| 8 | Dr. G.D. Jindal | 5000 |
| 9 | Dr. Mansi Sawant | 5000 |
| 10 | Dr. Raman Yadav | 5000 |
| 11 | Dr. Mhatre Sveeta V | 5000 |
| 12 | Dr. Phapale Yogita S | 20000 |
| 13 | Dr. Rajani P. Mullerpatan | 80000 |
| 14 | Dr. Bela Manish Agarwal | 10000 |
| 15 | Ms. Gayathri Narayan | 5000 |
| 16 | Dr. Meruna Bose | 25000 |
| 17 | Ms. Oshin Satish Amberkar | 5000 |
| 18 | Dr. Yuvraj Lalit Singh | 5000 |
| 19 | Dr. Triveni Vidyadhar Shetty | 20000 |

| Sr. No. | Name of Author | Total Amount |
|---------|--------------------------|--------------|
| 20 | Ms. Priyanka Iyer | 5000 |
| 21 | Ms. Shruti Parab | 5000 |
| 22 | Dr. Mamta Shetty | 5000 |
| 23 | Ms. Apoorva Dighe | 5000 |
| 24 | Ms. Tosha Shah | 5000 |
| 25 | Dr Jigna Rakesh Pathak | 10000 |
| 26 | Dr. Bani Ganguly | 40000 |
| 27 | Dr Rahul Surve | 5000 |
| 28 | Dr Abhay Jain | 5000 |
| 29 | Dr. Joshi Bhavna Promod | 5000 |
| 30 | Dr. Tayade D.Narayan | 5000 |
| 31 | Dr. S.H. Talib | 20000 |
| 32 | Dr. Ajita S. Annachhatre | 10000 |
| 33 | Dr. Ashfaque Ansari | 5000 |
| 34 | Dr. Annju Thomas | 5000 |
| 35 | Dr. Namita Anand Soni | 10000 |
| 36 | Dr. Gulwe Vijaykumar | 5000 |
| 37 | Dr. Varshney Himanshu | 5000 |
| 38 | Dr. Amol A. Pandav | 5000 |

❖ Incentive for Best Scientific Paper - 2019

The Best Scientific Paper Award Committee has selected the following authors for the award of Best Scientific Paper for the year 2019

• MGMIHS Best Scientific Paper Award – Faculty:

Dr. Rajani Mullerpatan, Professor & Director, MGM School of Physiotherapy, Navi Mumbai, was awarded of Rs. 25,000/- with certificate.

• MGMIHS Best Scientific Paper Award – PG/PhD Scholars:

Dr. Triveni Shetty, PhD Scholar, MGM School of Physiotherapy, Navi Mumbai, was awarded Rs. 15,000/- with Certificate.

❖ Workshops, Seminars organized on Intellectual Property Rights (IPR)

1. Workshop on Basic Research Methodology, 8-9th August 2019, MGM School of Physiotherapy, Navi Mumbai
2. Workshop on Shaping of Ideas for Innovation, 10th October 2019, MGM School of Physiotherapy, Navi Mumbai
3. Workshop on Research Publication, Ethics, Indices & Citation, 14th August 2019. MGM School of Biomedical Sciences, Navi Mumbai
4. Workshop on Research Paper writing, 23rd September 2019, MGM School of Biomedical Sciences, Navi Mumbai
5. Workshop on Idea mapping for Entrepreneurship, 27th September 2019, MGM School of Biomedical Sciences, Navi Mumbai
6. Workshop on Empowering entrepreneurship Ecosystem, Institutional Research Review Committee and MGM New Bombay College of Nursing in collaboration with Incubation and Innovation Center, MGM Institute of Health Sciences, Navi Mumbai, 15th October 2019, MGM New Bombay College of Nursing, Navi Mumbai
7. Workshop on systematic review: A tool for evidence based practice, Mgm New Bombay College of Nursing in collaboration with Nursing Research Society of India, 28-30th November 2019, MGM New Bombay College of Nursing, Navi Mumbai.
8. Workshop on Recent trends in innovation, Institutional Research Review Committee, MGM New Bombay College of Nursing, in collaboration with Incubation and Innovation Center, MGM Institute of Health Sciences, Navi Mumbai, 07th January 2020.
9. Workshop on Ideas and its diverse application Institutional Research Review Committee, MGM New Bombay College of Nursing, under the scheme of Institutional Innovation Council (IIC), MGM Institute of Health Sciences, Navi Mumbai, formulated under the guidance flagship of MHRD, Govt. of India, 6th March 2020.
10. Workshop on Need Based Product Design, 6th January 2020, MGM Institute's University Department of Prosthetics & Orthotics Navi Mumbai

11. Workshop on CRE on Advances in Prosthetic Knee Joints, 13th August 2019, MGM Institute's University Department of Prosthetics & Orthotics, Navi Mumbai

Projects of Incubation & Innovation Centre:

1. Ms. Koyada Pallavi Anjayya, Moringa oleifera leaf based health drink. Mentor: Dr. Raman P. Yadav, Technical Director, OMICS Research Centre, Navi Mumbai
2. Mr. Prithviraj Erande. Natural Dipeptidyl peptidase. IV Inhibitor based antidiabetic tablet. Mentor: Dr. Ipseeta Ray, Professor, Department of Pharmacology, MGM Medical College, Navi Mumbai.
3. Mr. Arth Nath Dube, Cultivation of low cost spirulina platensis in lab scale. Extraction of phycocyanin antioxidant from spirulina platensis. Mentor: Dr. Harapriya Kar, Associate Professor, Department of Pharmacology, MGM Medical College, Navi Mumbai
4. Pradnya L. Samant, Production of poultry and animal feed from the fruit & vegetable waste. Mentor: Dr. Samir Pachpute, Associate Professor, Department of Pharmacology, MGM Medical College, Navi Mumbai
5. Ankita Kodalkar, Soya flour based nutritious chocolate. Mentor: Dr. Kavita More, Associate Professor, Department of Biochemistry, MGM Medical College, Navi Mumbai.

❖ Patents and Copyright:-

Patent Granted:

- Dr. Yadav Raman Prasad, Kadam Sudhirchandra Nanasaheb, Kadam Nitin Nanasaheb, Bhagit Amita Anant. Title Quantum dot powered IP.10 antibody kit for latent TB and TB antigen. Granted on 22.11.2019, Patent Number: 201721040727A.

Patent Published:

- Dr. Ipseeta Ray, Innovation and Incubation Centre, MGM Institute of Health Sciences, Navi Mumbai. Polyherbal composition having dipeptidyl peptidase - 4 inhibitory effects. Published on 03.01.2020. Patent Number : 201921053266

Copyright:

| Sr. No. | Copyright Details | Title | Copyright Status Published | Copyright Number | Date of Award |
|---------|--|---|----------------------------|------------------|---------------|
| 1 | Dr. Bela Agarwal, Dr. Rajani Mullerpatan | Pediatric fitness testing report females 13.18 years. | Published | L.91340/2020 | 21/05/2020 |
| 2 | Dr. Rajani Mullerpatan, Dr. Triveni Shetty. | Reference values for spatiotemporal variables of gait in healthy Indian adults. | Published | L.92919/2020 | 17/07/2020 |
| 3 | Dr. Bela Agarwal, | Reference values for physical | Published | L.92917/2020 | 17/07/2020 |

| | | | | | |
|---|---------------------------------------|---|-----------|--------------|------------|
| | Dr. Rajani Mullerpatan. | fitness in healthy indian children: 6.12 years and adolescents: 13.17 years. | | | |
| 4 | Dr.Mansee Thakur, Dr. Navami Dayal | Development of a novel and reliable method for oral administration of drug to adult zebrafish (Danio rerio) | Published | L.93331/2020 | 30/07/2020 |

❖ Publications in Peer Reviewed Indexed Scientific Journals

Year 1st January to 31st December 2019 Total=306

1. Olvyna D'Souza, Suman Sahu. Effect of dexmedetomidine in attenuating hemodynamic responses during extubation. Indian Journal of Anaesthesia and Analgesia 2019; 6(2):619-625.
2. D'souza O, Patel K, Manish Kokne M. Comparison of epidural levobupivacaine 0.125% with fentanyl 1 2 mcg/ml and evobupivacaine 0.125% alone for postoperative pain management. Indian Journal of Anaesthesia and Analgesia 2019; 6(1):19-26.
3. Patil AD, Jessy V, Kathiriya B. Comparison of intrathecal fentanyl and clonidine with 0.5% of bupivacaine heavy in spinal anaesthesia in elderly urological surgeries. Indian Journal of Anaesthesia and Analgesia 2019; 6(2):376-386.
4. Bandewar A, Naik S, Kokne M, Kaur S. Comparison of the efficacy of combined epidural anaesthesia with general anaesthesia alone to attenuate hemodynamic responses and perioperative analgesia in laparoscopic cholecystectomy patients. International of Research in Medical Sciences 2019; 7(7):01-07.
5. Bandewar A, Kumar A, Kokne M. To study and compare efficacy of ropivacaine and bupivacaine for caudal analgesia in paediatric patients. Indian Journal of Anesthesia and Analgesia 2019; 6(1):197-205.
6. Bandewar A, Naik S, Kokne M, Kaur S. To compare the antiemetic efficacy, duration of action, and side effects of palonosetron ondansetron, and granisetron for antiemetic prophylaxis of postoperative nausea and vomiting in patients undergoing laparoscopic abdominal surgeries. Indian Journal of Anaesthesia & Analgesia 2019; 6(Part.II) (5):1497-1504.
7. Sathe V, Sathe D, Gupta R, Agrawal K. Addition of dexmedetomidine as an adjuvant to local anaesthetic agent in intravenous regional. Indian Journal of Anesthesia and Analgesia 2019; 6(Part-I) (6):2031-2040.
8. Agrawal P, Sathe V. Anaesthetic management of ASD with VSD with small right ventricle coming for non- cardiac surgery: A case report. International Journal of Medical Anesthesiology 2019; 2(2):89-90.

9. Pakar N, Negi R. Effect of combined epidural anaesthesia using 0.125% inj levobupivacaine hydrochloride with general anaesthesia for hemodynamic stability intraoperatively and post-operative analgesia in emergency exploratory laparotomy patients. *International of Science and Research* 2019; 8(11):140-142.
10. Parkar N, D'Souza O, Patel K. Case report on PEC I and PEC II block for post-operative analgesia in patient undergoing modified radical mastectomy. *International of Science and Research* 2019; 8(9):808-809.
11. Neogi P, Sathe V, Gupta R. Anaesthetic management of patient with large atrial septal defect with mild pulmonary hypertension posted of left patella fracture repair. *International Journal of Science and Research* 2019; 8(10):1747-1749.
12. Neogi, P, Sathe V, Gupta R. A comparison of phospholipase A2 levels. An inflammatory marker for endotracheal intubation via direct & video laryngoscope in patients undergoing cardiac surgery. *International of Science and Research* 2019; 8(11):1169-1172.
13. Divatia M, Prasad AK. Comparing the analgesic efficacy of ultrasound guided transversus abdominis plane block versus local wound infiltration in open inguinal hernia surgeries using 0.25% bupivacaine. *International of Science and Research* 2019; 8(11):1107-1109.
14. Agrawal P, Bandewar A, D'Souza O. Comparison of caudal bupivacaine alone with dexmedetomidine as an adjuvant with bupivacaine for post operative analgesia in paediatric patient undergoing inguinal region surgeries. *International of Science and Research* 2019; 8(10):1657-1660.
15. Annachhatre AS, Annachhatre SR. Preconditioning in cardiac anesthesia. Where are we?. *Annals of Cardiac Anaesthesia* 2019; 22(4):412-42.
16. Bhale P, Nazirkar C, Deshmukh A, Pareek M. A study of ease of IGEL insertion. *Medpulse International Journal of Anesthesiology* 2019; 12(2):139-142.
17. Joshi S, Joshi P S. A study of management of subtrochanteric fractures of femures of femour with reconstruction nail. *Medpulse International of Orthopedics* 2019; 10(3):59-67.
18. Barua VS, Kulkarni P. Kashima's procedure. *Medpulse International of Orthopedics* 2019; 10(1):13-15.
19. Patangankar SA, Pandav AA. A comparative study of sustained inferior capsular stretching versus passive joint mobilization treatment of adhesive. *World Journal of Pharmaceutical and Medical Research* 2019; 5(12):90-95.
20. Nathani A, Kulkarni S, Kelkar V, Joshi P. Comparative study of caudal clonidine with ketamine added to ropivacaine in pediatrics for below umbilical surgeries. *International Journal of Anesthesiology Research* 2019; 1(1):9-13.
21. Loya S, Deshmukh A. Osteogenesis imperfecta: A case report. *International of Current Medical and Applied Science* 2019; 21(2):22-24.
22. Annachhatre A S. Intraoperative sudden cardiac death in pediatric patients calamity yet to overcome?. *Annals of Cardiac Anaesthesia* 2019; 22(2):213-214.
23. Kadam S, Kadam M, Shinde S, Shorff G. Perception of students for teaching, learning and assessment technique of gross anatomy. *Indian Journal of Anatomy* 2019; 8(4):271-274.
24. Reeny SE, Mukherjee. An anatomical study on testicular descent and gubernaculum in human fetuses. *International of Health Sciences and Research* 2019; 9(7):43-50.

25. Sabnis A, Mane P. Foramen in xiphoid process of sternum. *International Journal of Research Granthaalayah* 2019; 7(12):239-242.
26. Hivare M Khan S. Evaluation of immunomodulatory effect of filarial antigens on the development of type I diabetes. *International of Advanced Research* 2019; 7(12):126-135.
27. Holkar SR, Vaishnav DM, Hivre MD. Role of serum phosphorus in patient of chronic kidney disorder. *Journal of Emerging Technologies and Innovative Research* 2019; 6(6): 193-196.
28. VaishnavD M, Hivre M D, Holkar S R. Vitamin C as a marker of oxidative stress in hypertension *International Journal of Advanced Research (IJAR)*2019; 7(12):320-322.
29. Phapale Y S, Badade Z G, Kaul S K, Rai S. Significance of inflammatory markers in type 2 diabetes mellitus with without coronary artery disease. *International of Scientific Research* 2019; 8(3):53-54.
30. Wadalkar S, Singh V, Pachpute S, Deepak A D. Elevated levels of acid phosphatase in patients of malaria with respect to types of malaria and parasitic index. *Global Journal for Research analysis* 2019; 8(4):69-71.
31. Phapale YS, Badade ZG, Kaul SK, Rai S. Glycogenic control and inflammatory mediators in diabetic patients with coronary artery disease. *Journal of Clinical and Diagnostic Research* 2019; 13(5):BC9-BC12.
32. ShindeYM, Badade ZG, Narshetty J, More K. Micronutrients and oxidative stress in adolescent girls. *International of Advanced Research*2019; 7(7): 506- 510.
33. Shinde Y M, Badade Z G, Narshetty J. Study of micronutrients, free radical and antioxidants in pregnant women. *Indian Journal of Applied Research* 2019; 9(7):25.27.
34. Phapale YS, Badade Z G, Kaul S K, Rai S. Assessment of atherogenic indices in type 2diabetes mellitus. *Journal of Clinical and Diagnostic Research* 2019; 13(12):BC10-BC13.
35. Kondhalkar A, More K, Kumar S. Ceruloplasmin and alkaline phosphatase levels in preterm delivery. *International of Biochemistry Research & Review* 2019; 28(2):01-06.
36. Jha R K, Badade ZG, Rai S, Badade VZ. Study of HBA1C, lipid profile and cyclophilin. A in diabetes mellitus. *International of Medical and Biomedical Studies* 2019; 3(12):176-180.
37. Chhabra A, Udgire P. Pulmonary function test in patients on ticagrelor and clopidogrel: A comparative study. *Journal of Medical Sciences and Clinical Research* 2019; 7(5):163-170.
38. Udgire PP, Chhabra A. Study of cardiac involvement in 100 patients of interstitial lung disease. *MedPulse International of Medicine* 2019; 10(2): 69-73.
39. Kadam VK. Clinical profile and outcome of patients presenting with acute coronary syndrome in a tertiary care hospital. *MGM Journal of Medical Sciences* 2019; 6(3):113-117.
40. Surve R, Jain A. Risk factors associated with intrauterine growth restriction (IUGR) in neonates: a matched case control study in tertiary care hospital. *Pravara Medical Review* 2019; 11(3):33-42.
41. Shete AS, Nakel MP. A observational study of grahani roga as lifestyle disease and its hetus with special reference to role of Agni. *International of Research in Indian Medicine*2019; 3(4):01-06.

42. Joshi B P, Tayade DN. Prevalence of lifestyle related risk factors for non - communicable disease among adolescents of an urban Community in Mumbai. *Indian Journal of public Health Research and Development* 2019; 10(3):242-247.
43. Kotian SP, Waingankar P, Mahadik V J. Assessment of compliance to treatment of hypertension and diabetes amongst previously diagnosed patients in urban slums of Belapur, Navi Mumbai, India. *Indian Journal of Public Health* 2019; 63 (4):348-352.
44. Thomas S C, Kotian S P, Male V, Sivakami A, Thomas N S, Waingankar. Postflood morbidity pattern in flood-affected population of alappuzha district in Kerala. *MGM Journal of Medical Sciences* 2019; 6(3):3123-3126.
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4. Rajani Mullerpatan, Yuvraj Singh, Shweta Nahar. Burden of Spinal Disability in India: Southwest Maharashtra. Proceedings of the International Conference on Spine Care: Prevention, Early Detection and Management of Spine Disability: A Patient-centric Integrated Approach, organized by MGM School of Physiotherapy and MGM Institute of Health Sciences. CBS Publishers & Distributors Pvt Ltd, ISBN: 978-93-89396-31-7, 2020.
5. Margareta Nordin, Pradnya Girdhar. What is the Best Early Care for Low Back Pain, When is it Needed Based on Evidence?. Proceedings of the International Conference on Spine Care: Prevention, Early Detection and Management of Spine Disability: A Patient-centric Integrated

Approach, organized by MGM School of Physiotherapy and MGM Institute of Health Sciences. CBS Publishers & Distributors Pvt Ltd, ISBN: 978-93-89396-31-7, 2020.

6. Rajani Mullerpatan. The MGM.WSC Clinic for Underserved Population. Proceedings of the International Conference on Spine Care: Prevention, Early Detection and Management of Spine Disability: A Patient- centric Integrated Approach, organized by MGM School of Physiotherapy and MGM Institute of Health Sciences. CBS Publishers & Distributors Pvt Ltd, ISBN: 978-93-89396-31-7, 2020.
7. Raj Vashi, Yogesh Patil Mansee Thakur. Rapid PCR. Based Identification of Extended spectrum Beta lactamase (ESBL) from clinical specimens. Proceedings of the National Seminar on Contemporary issues in Biosciences, organized by Microbiologist Society, India, Changu Kana Thakur College, ISBN: 978-93-89925-00-5, 2020.
8. Shailesh Kotkar, Snheha Rokade Yogesh Patil, Mansee Thakur. Custom built biological safety cabinet for rural settings. Proceedings of the National Seminar on Contemporary issues in Biosciences, organized by Microbiologist Society, India, Changu Kana Thakur College, ISBN: 978-93-89925-00-5, 2020.
9. Panikar Surya, George Amalamerin, Sunil Sharma, Mansee Thakur. Role of PR (PROGIN) Mutation in Preterm Labour & Birth. Proceedings of the National Seminar on Contemporary issues in Biosciences, organized by Microbiologist Society, India, Changu Kana Thakur College, ISBN: 978-93-89925-00-5, 2020.
10. Mansee Thakur, Yogesh Patil. Effect of various environment surroundings like Hospital Zone, Cremation Zone & Heartfulness Meditation Centre on Growth & development of *Amaranthus dubius*. Proceedings of the National Seminar on Contemporary issues in Biosciences, organized by Microbiologist Society, India, Changu Kana Thakur College, ISBN: 978-93-89925-00-5, 2020.
11. Madhu Singh, Ranji Nautiyal, Mansee Thakur. Rapid PCR. Based Identification Methicillin-Resistant *Staphylococcus aureus* (MRSA) from clinical specimens. Proceedings of the National Seminar on Contemporary issues in Biosciences, organized by Microbiologist Society, India, Changu Kana Thakur College, ISBN: 978-93-89925-00-5, 2020.

❖ Faculty Participation in Conferences Workshop, Symposia, CME & Seminar:-

| No. of Faculty | International level | National level | State level | Local level | Total |
|------------------------------|---------------------|----------------|-------------|-------------|-------------|
| Attended Seminars/ Workshops | 139 | 565 | 223 | 247 | 1174 |
| Presented papers | 20 | 45 | 33 | 98 | 196 |
| Resource Persons | 15 | 13 | 4 | 53 | 85 |
| Total | 174 | 623 | 260 | 398 | 1455 |

❖ Conferences, CME, workshop, Seminar, Symposium Organized :-

1. International Conference on Pediatrics Applied Nutrition, organized by, Pediatrics Department, MGM Medical College, and MGM Institute of Health Sciences, Navi Mumbai, 23-25th

August 2019, Co- Ordinators: Dr.Vijay Kamale, Dr. Anjali Kale, Dr. Bhageshree Seth, Dr. Rakesh Thamke, Dr. Mansi Rathod.

2. ENDOSPINE Conference , organized by, Orthopedics Department, MGM Medical College, and MGM Institute of Health Sciences, Navi Mumbai 22-26 January 2020, Co- Ordinators: Dr. Alfvien Vieira, Dr.K.R. Salgotra.
3. National conference was organized in collaboration with Nursing Research Society of India organized by MGM New Bombay College of Nursing, Navi Mumbai (NRSI) 8th November to 29th November 2019, Co- Ordinators: Dr. Prabha Dasila, Ponchitra R.
4. Workshop on management of severe acute malnutrition and complementary feeding, organized by Department of Pediatrics , MGM Medical College, Navi Mumbai, 23rd August 2019, Co-ordinator:- Vijay Kamale.
5. Workshop on Temporal Bone, organised by department of ENT, MGM Medical College, Navi Mumbai, Co- Ordinators: Dr Kalpana Rajivkumar, Dr. Swapnil Gosavi, 26-28th July 2019.
6. Workshop on Lateral Skull Base, organised by department ENT, MGM Medical College, Navi Mumbai, Co- Ordinators: Dr Kalpana Rajivkumar, Dr. Swapnil Gosavi, 2-3 August 2019.
7. Workshop on Temporal Bone, organized by Department of ENT MGM Medical College, Navi Mumbai, Co-Ordinators: Dr Kalpana Rajivkumar, Dr. Swapnil Gosavi, 6-8 September 2019.
8. Workshop on Temporal Bone, organised by department ENT, MGM Medical College, Navi Mumbai, Co- Ordinators: Dr Kalpana Rajivkumar, Dr. Swapnil Gosavi, 6-8 September 2019.
9. Workshop on Empowering Entrepreneurship Ecosystem, organized by MGM New Bombay College of Nursing & MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai on 15.10.2019.
10. Workshop on 1st Diagnostic and Microsurgical Skill Transfer Course, organizing by Department of Ophthalmology, MGM Medical College, Navi Mumbai, Co-ordinator: Dr N Abidi, 14-15 December 2019
11. Workshop 2nd International PSLD Cadaveric, Organizing by Department of Orthopedics, MGM Medical College, Navi Mumbai, Co- Ordinator: Dr Alfvien Vieira,
12. Workshop on Temporal Bone, organised by ENT department, Organizing secretary Co-Ordinator: Dr Kalpana Rajivkumar, 7th March 2020.
13. CME on Neuroanaesthesia Organised by Department of Anesthesiology, MGM Medical College, Navi Mumbai, Co- Ordinator: Dr Jessy Sabu, 7th March 2020.
14. Workshop on "Empowering Entrepreneurship Ecosystem" Organized by MGM New Bombay College of Nursing & MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai, Co- Ordinators: Dr. Prabha Dasila, Ponchitra R, 15th October 2019.

❖ **Awards for Innovation Won by Institution:**

1. Mahatma Gandhi Mission's Medical College, Navi has been ranked first Amongst the cleanest higher educational Institutions in the country was awarded on 3rd December 2019 at Prajnan Auditorium AICTE, New Delhi
2. Green Institutional Mentor Awarded by Mahatma Gandhi National Council of Rural Education, Department of Higher education, Ministry of Human Resource Development, Government of India, 22nd March 2020.

❖ **Teacher awarded fellowship**

1. Dr. Naveen Kasliwal, awarded clinical observer by memorial Sloan, kettering cancer center, Newyork 8-19th July 2019.
2. Dr Mahesh Jambure, awarded post graduate diploma in clinical endocrinology & diabetes by EACME , 2019-2020
3. Dr. Siddiqui Mohd Saeed, awarded mindfulness, based stress reduction by MBSR Moscow Idaho USA, 18th September.
4. Dr. Mohd Haseeb Mohd Najeeb, awarded ICH Good Clinical Practice E6 (R2) by the global health training centre, 22nd November 2019
5. Dr. Shruti Chandra awarded, Coronavirus 2019(COVID.19) by Massachusetts Medical Society (Harvard Medical School) 4th April 2020.
6. Dr. Dhananjay Bhale, awarded fellowship in clinical nutrition by Medvarsity, 5th June 2020
7. Dr.Racharkonda Lakshmi N, awarded fellowship, by Indian College of Obstetrics & Gynaecologist, 1st January 2020.
8. Dr. Gauri Anand Dank, awarded fellowship in operative hysterectomy, laparoscopy & vaginal surgeries, by Sunrise Institute of Medical Science Pvt Ltd.Kochi, 25th September 2019.
9. Dr.Farahanaz B. Irani, awarded fellowship in FSIESRP, by society of innovative educationalist & scientific research professional Chennai, 11th March 2020.
10. Dr. Kadam Minal Ujwal, awarded fellowship in minimally invasive gynecological surgery. By MGM Institute of Health Sciences, 31st August 2019.
11. Dr.Vasanti Sasturkar awarded E Learning Course, by Medical Education Unit India, 31st Ocotber 2019.
12. Dr. Suvarna Ghansham Magar, Dr. Mohd Saeed Siddiqui, Dr. Deepanjali Dilip Deshmukh, Dr. Gokani Nikunj Satish, Dr. Praveen Godara, awarded basic course in biomedical research, by ICMR & Institute of Epidemiology, September- October 2019.
13. Dr. Meera Mahajan, awarded Managing Online Classes and Co. Creating MOOC by of Human Resourse Development Pandit Madan Mohan Malaviya Mission on Teachers & Teaching, 3rd June 2020
14. Dr. Meera Mahajan, awarded open sourse tools for research, by Ministry of Human Resourse Development Pandit Madan Mohan Malaviya Mission on Teachers & Teaching 14th June 2020
15. Dr. Sanjay Guddetwar awarded training on molecular techniques in clinical laboratory, by Diagnostic & Health Services Pvt. Ltd, 28th June 2020.
16. Dr. Sawati Shiradkar awarded learning objectives vs learning outcomes in medical/ Health Sciences Education, by Sri Ramachandra Institute of Higher Education & Research, 29th June 2020.
17. Dr. Asmita Suryawanshi (Kadam), awarded fellowship in fetal medicine training programme by Scholar MD Edvent State, Jul 2019.

18. Dr. Alimuddin Aminuddin Shaikh, awarded AYUSH doctor for novel corona virus (COVID 2019), by Director of AYUSH Mumbai, 10th April 2020.
19. Dr. Siddiqui Mohd Saeed, advance course in medical education by SETH GS Medical College & KEM Hospital Mumbai, 7th February 2020.
20. Dr. Deepak Bhosle, awarded good clinical practices, by NIDA Clinical Trial Network, 11th April 2020
21. Dr. RajaniMullerpatan, awarded Travel subsidy grant, by Shastri Indo Canadian Institute 25th September 2019
22. Dr.Prabha K. Dasila awarded Selected for FAIMER Fellowship (2020 - 2022), by PSG - FAIMER Regional Institute Coimbatore, 22nd July 2020.
23. Dr. Soni Agale, awarded Research Fellow, awarded Ardent Clinical Research Service, and Grapecity Research Solutions LLP, 6th June 2020.
24. Dr. Archana Sawsakke, awarded research follow by Grapecity Research Solutions LLP. 12th June 2020.
25. Mr.Ruchit Dani awarded junior research fellow by Abdul Kalam Technology Innovation Fellowship 20th January 2020.
26. Ms. Blessy Ann. Thomas, awarded Senior Research Fellow. Department of Biotechnology, Government of India, 25.02.2019
27. Mr. Omkar Koppaka, awarded Research Assistant by MGM School of Biomedical Sciences, Navi Mumbai, 2019
28. Mr.Shamshed,Research Assistant MGM School of Biomedical Sciences, Navi Mumbai, 2019.
29. Ms. Poonam Rajesh Desai, awarded PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
30. Ms. Sanjana T. Philip, awarded PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
31. Ms. Harshita Mohanty, awarded PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
32. Ms. Shruti R Bhowad, biochemistry PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
33. Ms. Prakash Tiruwa biochemistry PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
34. Ms. Alisha Atul Bhangle Health education PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
35. Ms.Akanksha Chauhan Microbiology PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
36. Ms. Pooja Vishvakarma Physiotherapy PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.

37. Mr. Prithviraj Erande Pharmacology PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.
38. Mr. Akshay Meshram Pharmacology PhD Scholar by Institute of Health Sciences Navi Mumbai, 2nd August 2019.

❖ **PhD Awarded:-**

| Sr. No | Department | Name of the Supervisor | Name of the PhD Scholar | Research Topic | Date of Degree |
|--------|---------------|------------------------|------------------------------|---|----------------|
| 1 | Nursing | Dr. Prabha Dasila | Maya Dilip Vadgoankar | Impact of transformational leadership educational programme of head nurses on performance and job satisfaction of staff nurses working in selected public hospitals of Mumbai | 19.07.2019 |
| 2 | Nursing | Dr. Prabha Dasila | Akyana Seeta Devi | Comparison of verbal, written and video based health education regarding prevention and early detection of cervical cancer on knowledge, attitude and participation for cervical screening among women in hospital of Pune. | 19.07.2019 |
| 3 | Pharmacology | Dr. Deepak S Bhosle, | Mohd Faheem Mubeen | Comparative study of safety and efficacy of fixed dose combination of metformin and voglibose versus metformin and pioglitazone on HOMA-IR hba1c and Lipid levels. | 07.08.2019 |
| 4 | Biotechnology | Dr. Raman P Yadav | Mhatre Sveeta Vishnu Surekha | Potent pancreatic lipase inhibitor from food plants and development of anti-obesity formulation. | 17.08.2019 |
| 5 | Biochemistry | Dr. Veena S Hatolkar | Mulani Manzura Rustum | Effects of glycemic control on oxidative stress markers in type - 2 diabetes mellitus. | 17.10.2019 |
| 6 | Nursing | Dr. N C Mohanty | Bhakare Samruddhi Suresh | Effectiveness of planned teaching on knowledge and attitude and practices of skilled birth attendants on 'Facility based Newborn | 04.12.2019 |

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|----|---------------------|--------------------|------------------------|--|------------|
| | | | | Care' in selected health care centres of Raigad district, Maharashtra. | |
| 7 | Physiotherapy | Dr. Bharti Bellare | Rodge Ashwini Asokrao | Postnatal physiotherapy in the Indian context: cultural impact and outcome of culturally suitable intervention in primiparous women. | 05.12.2019 |
| 8 | Nursing | Dr. N C Mohanty | Sindhu Thomas | Impact of antenatal counseling and breast crawl on lactation, growth, development and incidence of common infections among infants. | 05.12.2019 |
| 9 | Hospital Management | Dr. S A Somwanshi | Namrata Harsh Jajoo | An analytical study of quality circles in hospitals in India for improving productivity of administrative staff. | 05.12.2019 |
| 10 | Biotechnology | Dr. Manoj Chugh | Shoib Haidar | Development, characterization and clinical validation of in-vitro diagnostic method for diagnosis of breast cancer. | 16.12.2019 |
| 11 | Biotechnology | Dr. Mansee Thakur | Kulkarni Smital Sameer | Study of effect of iron nanoparticles on iron deficiency anaemia using rat model. | 02.01.2020 |
| 12 | Biotechnology | Dr. G D Jindal, | Sawant Manasi Sitaram | Study of sympathetic and parasympathetic activity in controls and hypertensive subject. | 08.01.2020 |
| 13 | Nursing | Dr. Prabha Dasila | Manisha Kadam | Effect of Nursing audit and competency based education regarding infection control practices during intranatal period on knowledge, attitude and practices of nursing personnel working in labour rooms. | 15.01.2020 |
| 14 | Nursing | Dr. Prabha Dasila | Madhavi P Ghorpade | Effect of emotional intelligence training program on psychosocial and clinical performance among nursing | 15.01.2020 |

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|----|----------------------------|------------------------|---------------------------|---|------------|
| | | | | students of selected nursing colleges in Maharashtra. | |
| 15 | Obstetrics and Gynaecology | Dr. Swati Shirdkar | Swati S Shiradkar | Addressing contemporary issues in sexually education with holistic approach. | 03.03.2020 |
| 16 | Biotechnology | Dr. S N Harke | Talib Yusuf Abbas Hussain | Analysis and data mining of gene expression studies using microarray technologies and bioinformatics in type 2 diabetes mellitus (T2DM). | 03.03.2020 |
| 17 | Nursing | Dr. Ashok Kalyanshetty | Jadhav Shubhangi Ramakant | Assess the risk factors associated with myocardial infarction among 18-45 yrs patients, admitted in selected teaching hospitals of Mumbai, with a view to develop an information booklet. | 04.03.2020 |
| 18 | Orthopedics | Dr. R N Shewale | Syed Shamim M Razvi | Neck pain in young adults due to electronic devices, risk factors and clinico-radiological correlation. | 16.03.2020 |

❖ Collaborative Activities for Research(MOU):-

1. Department of Pharmacology MGM Medical College, Navi Mumbai and Glaxosmithkline Pharmaceuticals Ltd Signed MOU for the internship for student on 27th July 2019.
2. MGM Hospital, Kamothe, Navi Mumbai and Panvel Municipal Corporation, District Raigad Covid-19 Centre on 11th May 2020.
3. MGM Medical College and Hospital, Kamothe, Navi Mumbai and Zila Parishad Raigad and District National Tuberculosis Elimination Programme Society, Raigad, Signed MOU for DR TB Centre with indoor and outdoor Facilities on 14th February 2020.
4. MGM Medical College, Aurangbad is a constituent unit of MGM Institute of Health Sciences, Navi Mumbai and Bill Melina Gates Foundations, USA and Christian Medical College Vellore Signed MOU for Rotavirus Vaccines on 20th April 2020
5. MGM Medical College, Aurangbad, Department of Medicine, and Ardent Clinical Research Service, Pune and Signed MOU for Clinical Trail Project on 24th June 2020
6. MGM Medical College, Aurangbad, Department of Anaesthesiology and Biosphere Clinical Research Ltd, Thane Signed MOU for Clinical Trail Project on 27th Feb 2020.
7. MGM Medical College, Aurangbad, Department Pediatrics and Biological E.LTD. Signed MOU for Clinical Trail Project on 28th May 2020.

8. MGM Medical College, Aurangbad, Department of Medicine, and Ardent Clinical Research Service, Pune and Signed MOU for Clinical Trail Project on 18th May 2020
9. MGM Medical College, Aurangbad, Department of Anaesthesiology and Cipla Ltd, Mumbai, JSS Medical Research India Pvt Ltd. on 17th July 2019.
10. MGM Medical College, Aurangbad, Department of Cadiology and Novartis Healthcare Private Limited, Mumbai, Signed MOU for Clinical Trail Project on 29th July 2019.
11. MGM Medical College, Aurangbad, Department of Surgery and SIRO Clinpharm Pvt Ltd., Thane, Signed MOU for Clinical Trail Project on 22nd August 2019.
12. MGM Medical College, Aurangbad, Department of Dearmatology and Grapecity Research Solutions LLP, Pune, JSS Medical Research India Pvt Ltd. Signed MOU for Clinical Trail Project on 27th August 2019.
13. MGMMedical College, Aurangbad, Department of Medicine and Glenmark Pharmaceuticals Limited, Mumbai, Grapecity Research Solutions LLP, Pune, JSS Medical Research India Pvt Ltd. on Signed MOU for Clinical Trail Project on 27th May 2020.
14. MGM Medical College, Aurangbad, Department of Community and Serum Institute of India Pvt. Ltd. Hadapsar, Pune, Diagno Serach Life Sciences Pvt, Ltd, Thane, signed MOU for Clinical Trail Project on 2nd May 2020.
15. MGM Medical College, Aurangbad, Department of Phrmacology and Quest Clinical Services, Pune, signed MOU for Clinical Trail Project on 1st August 2019.
16. MGM Medical College, Aurangbad, Department of Pharmacology and JSS Medical Research India Pvt Ltd, Harayana, Grapecity Research Solutions LLP, Pune, signed MOU for Clinical Trail Project on 19th December 2019.
17. MGM Medical College, Aurangbad, Department of Ophthalmology and Mediclin Clinical Research, Mira Road Thane, Red Clinical Research Services, Nagpur, signed MOU for Clinical Trail Project on 6th January 2020.
18. MGM Insititute of Health Science, through its MGM School of Physiothrapy, Navi Mumbai and Shastri Indo-Canadian Institute, Signed MOU for Travel subsidy grant on 15th July 2019
19. MGM Insititute of Health Science, MGM School of Biomedical Sciences, Navi Mumbai and Nirmala Nikentan college and homes Sciieces, Mumbai MOU to promote collaboration in the fields of education, research and trainging ,1st July 2019
20. MGM Insititute of Health Science, MGM School of Biomedical Sciences, Navi Mumbai and Apollo Specialty Hospital Private Limited, Hyderabad, MOU to promote collaboration in the fields of education, research and trainging , on 1st August 2019.

❖ Research Projects:

A) Extramural:-Faculty

| Sr. No. | Title of the project | Investigators | Funding agency | Year & Duration | Amount Received during the year | Total Grant (in Rs.) |
|---------|--|--|---|-----------------|---------------------------------|----------------------|
| 1 | Impact of Radiations from Cell Phone Towers and Cell Phone Use on Health of pregnant Women, Neonates and Infants: A Multidisciplinary Collaborative Effort | Dr. Maninder S Setia , Dr. Bhagyashree Seth | ICMR | 3 Year | 22,56,512 | 1,09,20,088.00 |
| 2. | Randomized controlled study to assess effectiveness and acceptability of mobile app based intervention tool for cardiovascular disease self management and risk factor control among diabetic patients | Dr. Ipseeta Ray | ICMR | 3 Year | 11,26,750 | 1,955,000 |
| 3 | Study of pattern of expenditure on utilization of health services related to maternal and child health in tribal, rural & urban slum population in raigad district of Maharashtra | Noopur Sudhakar Kulkarni | ICMR | 2 Year | 30,000 | 50,000 |
| 4 | Development of Powered Transtibial Prosthesis | Dr. Rajani Mullerpatan Dr. Swagatika Mishra | DBT | 3 Year | 4,23,840/ | 3,33050.00 |
| 5 | Rotasili ® vaccine intussusceptions surveillance in Kerala, Karnataka , Maharashtra and Gurjarat, India | Dr. Mohd Haseeb | Bill and Melinda Gates Foundation, USA) | 2 Year | 3,84,300.00 | 3,84,300.00 |

B) Extramural- Students Research:

| Sr. No. | Title of the project | Investigators | Funding agency | Year & Duration | Amount Received during the year (Rupees) | Status |
|---------|---|---|----------------|-----------------|---|-----------|
| 1 | Association of sleep quality and glycemic control in type II diabetes mellitus | Student: Sweta Bhagat Mentor: Dr. Rita Khadikikar | ICMR (STS) | 1 Year | 20,000 | Completed |
| 2 | Assessment of self.directed learning (SDLR) among undergraduate students of medical college and tertiary hospital | Student : Sagar Patel Mentor: Dr. Madhavi Mankar | ICMR (STS) | 1 Year | 20,000 | Completed |
| 3 | A comparative study between Glasgow coma scale and sun coma scale | Student : Reeva Nadkarni Mentor:Dr. Jaishree Ghanekar | ICMR (STS) | 1 Year | 20,000 | Completed |
| 4 | Evaluation of quality of life is end stage real disease patients on hemodialysis | Student: Siddesh Gupta Mentor: Dr. Mitesh Thakkar | ICMR (STS) | 1 Year | 20,000 | Completed |
| 5 | Assessment of role of woman empowerment, knowledge & attitude in dietary habits of school going children (11.15yrs) in low income families in Kalamboli | Student: Komal Singh Mentor:. Dr. Prasad Waingankar | ICMR (STS) | 1 Year | 20,000 | Completed |
| 6 | Assessment of nutritional status, immunization status and morbidity pattern of children attending Aanganwadi in tribal area in Raigad district of Maharashtra | Student: Sukriti Honnavali Mentor: Dr. Prasad Waingankar | ICMR (STS) | 1 Year | 20,000 | Ongoing |
| 7 | Association between insomnia and migraine severity | Student: Smiriti Venkatesh Mentor: Dr. Rita Khadkikar | ICMR (STS) | 1 Year | 20,000 | Ongoing |

C) Clinical Trials:

| Sr. No. | Title of the project | Investigators | Funding agency | Year & Duration |
|---------|--|--|--|-----------------------------|
| 1 | Efficacy and Safety of Ayurvedic Formulation.2 Sanshamani cordifolia) + Pippali (Iryt longum)l [Guduchi (T. as an adjunct to standard oicare for the management of mild to moderate COVID 19. | Dr. Syed Umar Qudari | Ardent Clinical Research Service, Pune | 24 th June 2020 |
| 2 | A Phase III, Multicentre, Randomized, Double Blind, Parallel group, Comparative Clinical Study to evaluate Efficacy and Safety of Ropivacaine Hydrochloride 0.75% (7.5mg/ml) in Dextrose 8% (80 mg/ml) injection compared to Bupivacaine Hydrochloride 0.5% (5mg/ml) in Dextrose 8% (80mg/ml) injection for subjects undergoing lower limb orthopedic surgeries under spinal anaesthesia. P No: BCR/RPD/01 | Dr. Kelkar Vasant Prabhakar | Biosphere Clinical Reserch Ltd, Thane | 7 th Feb 2020 |
| 3 | A single blind randomized active. controlled Phase. III Study to evaluate safety and immunogenicity of a candidate 14. valent pneumococcal polysaccharide conjugate vaccine administered to 6.8 weeks old healthy Indian infants in 6.10.14 weeks doing schedule Protocol No. BECT061/PCV. Phase -III /CTP.01 Trial /study no BECT/PCV. Phase - III/061. | Dr. Mohd Haseeb Najeeb Co. Investigator Dr. Avinash Sangle, Shaikh Yahiya Ali, Mahesh Chudavekar | Biological E.LTD. | 28 th May 2020 |
| 4 | A Randomized, Open Label, Single Centre, Observational, Prospective, Clinical Study to Evaluate the Efficacy and Safety of GanjhuVir syrup and tablet when administered along with Standard of Care (SOC) and compared against SOC in Covid.19 positive patients | Dr' Syed Umar Qudari | Ardent Clinical Research Service, Pune | 18 th May 2020 |
| 5 | A Randomized, Open.label, Prospective, Comparative, Multi.centre, Parallel group, Active controlled, Phase III Study to Evaluate the Efficacy and Safety of the Ropivacaine Readyfusor 2mg/ml versus Ropivacaine Balloon | Dr. Kelkar Vasanti Prabhakar | JSS Medical Research India Pvt Ltd. Faridabad.121 003, Haryana | 17 th july 2019, |

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|----|---|-------------------------------|--|------------------------------|
| | Pump Infusor 2mg/ml as a continuous surgical site infusion for the Treatment of Post.Surgical Pain in lower abdominal laparotomy. Protocol No.: CP/04/18 | | | |
| 6 | Multi.center cross.sectional epidemiological study to characterize the prevalence and distribution of lipoprotein (a) levels among patients with established cardiovascular disease. Protocol Number: CTQJ230A12001 | Dr. Prashant Prabhakar Udgire | Novartis Healthcare Private Limited, Mumbai | 29 th July 2020 |
| 7 | A Multicentric, Randomized, Open label, Clinical trial To Evaluate Efficacy and Safety of Tapentadol Nasal Spray in comparison to Tramadol Immediate release Capsule and Intravenous injection in patients with Post operative moderate to severe pain. P No: CT/TAPE/PAIN/17/03 | Dr Tejender singh Chhabda | SIRO Clinpharm Pvt Ltd., Thane | 22 th August 2019 |
| 8 | A Prospective, Double.blind, Randomization Parallel -Group, Vehicle.Controlled, Multicenter Study to Evaluate the Safety and Bioequivalence of Mupirocin Cream USP2% (Supplied by: Glasshouse Pharmaceuticals Limited Canada) using Mupirocin Cream USP2% (Manufactured by: Glenmark Pharmaceuticals Inc; USA) as a Reference Product, in Subjects with Secondarily Infected Traumatic Skin Lesion. P No: GH.SL.IN.01 | Dr. Ashish Deshmukh | JSS Medical Research India Pvt Ltd. Faridabad.121 003, Haryana | 27 th August 2019 |
| 9 | A randomized, open.label study to evaluate the efficacy and safety of favipiravir and umifenovir as compared to favipiravir alone in moderate hospitalized adult indian covid. 19 patients. protocol number: gpl/CT /2020 /004/III | Dr. Anand Nikalie | 1)Glenmark Pharmaceuticals Limited, 2)Grapecity Research S.olutions LLP | 27 th May 2020 |
| 10 | A Multicenter, Phase III, Double.Blind, Randomized, Placebo Controlled Study to Evaluate the Efficacy of Recombinant BCG | Dr. Deepak Narayan Tayade | Serum Institute of India Pvt. Ltd. | 2 nd May 2020 |

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|----|--|--------------------------|--|--------------------------------|
| | VPM1002 in Reducing Infection Incidence and Disease Severity of SARS.COVID.2/COVID.19 Among High.Risk Subject under | | Hadapsar, Pune Diagno Serach Life Sciences Pvt, Ltd, Thane | |
| 11 | Survey to collect voice samples of patients and age matched healthy individuals. Protocol ID VoQuest 01 | Dr. Deepak Bhosle | Quest Clinical Services, Pune | 1 st August 2020 |
| 12 | A Prospective, Multicenter, Randomized, Double.Blind, Phase 3 Study to Evaluate the Safety and Efficacy of a Gel Formulation of Esmolol Hydrochloride (Galnobax®) in Treating Diabetic Foot Ulcers. Protocol No.: NG.A16 | Dr. Deepak Bhosle | 1) JSS Medical Research India Pvt Ltd. Faridabad.12 1003, Haryana 2) Grapecity Research Solution LLP,Pune | 19 th December 2019 |
| 13 | A Comparative, Randomized, Two Arm, Double Blind, Parallel Group, Multicentric, Phase III Clinical Study to Evaluate the Efficacy, Safety and Tolerability of Netarsudil Ophthalmic Solution 0.02% w/v Versus Timolol Maleate Eye Drops 0.5% w/v in treatment of elevated intraocular pressure (IOP) in subjects with open angle glaucoma or ocular hypertension. Protocol No.: APL/CT/18/03 | Dr. Mishrikotkar Jyotika | 1)Mediclin Clinical Research, Mira Road Thane (E) 2) Red Clinical Research Services, Nagpur | 6 th January 2020 |

Revenue Generated from Consultancy:

| Sr. No. | Name of the consultant(S) | Name of the Consultancy Project | Consulting/ Sponsoring Agency | Revenue generated (Amount in rupees) | Date |
|---------|---------------------------|---------------------------------|-------------------------------|--------------------------------------|------------|
| 1 | Dr.Parineeta Samant | Blood Test Reporting | Municipal Hospital, Khopoli | 25662 | 16.12.2019 |
| 2 | Dr.Parineeta Samant | Blood Test Reporting | Municipal Hospital, Khopoli | 38984 | 09.01.2020 |

| | | | | | |
|----------|----------------------|---|--|------------|-------------|
| 3 | Dr. Parineeta Samant | sero surveillance carried out in Indusland Bank | Indusland Bank | 775222 | 31.07. 2020 |
| 4 | Dr.Parineeta Samant | Medical Health Check Up | Municipal Hospital, Khopoli | 20040 | 21.03.2020 |
| 5 | Dr. Prashant Udgire | | Ardent Clinical Research Services / Astrazeneca Pharma India Ltd | 304,830.00 | 15.10.2019 |
| | | | | 20,000.00 | 15.10.2019 |
| 6 | Dr. Sudhir Kulkarni | A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study to Assess the Efficacy, Pharmacokinetics, Pharmacodynamics and Safety of LNP1892 (Monotherapy) in Chronic Kidney Disease (CKD) Patients with Secondary Hyperparathyroidism (SHPT), On Dialysis and Not on Dialysis. | Grapecity Research Solutions | 144,788.00 | 22.05.2019 |
| | | | | 12,042.00 | 16.05.2019 |
| 7 | Dr. Deepak Bhosle | 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 Protocol No.: GPL/CT/2016/009/III | Glenmark | 64,842.00 | 03.07.2019 |
| 8 | Dr. Shivaji Pole | Safety and Efficacy of Lipiodol Ultra fluid in association with Surgical Glues during Vascular Embolization. (IV) Protocol No: LUF-44-001 | Ardent | 18,114.00 | 22.05.2019 |
| | | | | 22,358.00 | 03.07.2019 |
| | | | | 53,208.00 | 03.09.2019 |
| | | | | 154,440.00 | 03.09.2019 |
| | | | | | 03.09.2019 |
| | | | | 64,350.00 | |
| | | | | 18,550.00 | 06.01.2020 |
| | | | | 13,975.00 | 21.01.2020 |
| 6,060.00 | 06.02.2020 | | | | |
| 9 | Dr. Prashant Udgire | A Randomized, Double blind, Placebo controlled Parallel group, Multicentre study to Demonstrate the effects of Sotagliflozin on Cardiovascular and Renal events in patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired | Ardent | 251,704.00 | 04.07.2019 |
| | | | | 352,300.00 | 01.08.2019 |
| | | | | 451,056.00 | 13.11.2019 |

| | | | | | |
|----|----------------------------|--|--------------------------------------|------------|------------|
| | | Renal Function. P No: EFC-14875 | | | |
| 10 | Dr. Mahendra Suryawanshi | A Multicentric, Open label, Randomized, Comparative, clinical study evaluating safety and Efficacy of Fixed Dose combination of Trypsin 48 mg + Bromelain 90 mg + Rutoside Trihydrate 100 mg enteric coated tablet versus Serratiopeptide 10 mg enteric coated tablet in patient for healing potential in surgical wound after minor surgery. Protocol No: CT-189-ENZO(F)-2015CT | Macleods (Grapecity for Cilinical) | 127,940.00 | 19.08.2019 |
| 11 | Dr. Tejender Singh Chhabda | A Multicentric, Randomized, Open label, Clinical trial To Evaluate Efficacy and Safety of Tapentadol Nasal Spray in comparison to Tramadol Immediate release Capsule and Intravenous injection in patients with Post operative moderate to severe pain. P No: CT/TAPE/PAIN/17/03 | Torrent/SIR O/ Grapecity | 198,988.00 | 24.02.2020 |
| | | | Siro Clinpharm Pvt Ltd | 60,000.00 | 03.09.2019 |
| 12 | Dr. Shivaji Pole | A prospective, multicenter, open label randomized controlled trial to evaluate safety and performance of Paximus™ (Paclitaxel Eluting Percutaneous Transluminal Angioplasty Balloon Catheter) versus Mozec™ PTA Balloon catheter for treatment of blocked or narrowed below the knee arteries. Protocol no. MLS/Paximus™ RCT-1 | Meril life Sciences Pvt Ltd | 40,000.00 | 05.04.2019 |
| 13 | Dr. Deepak Bhosle | A Phase III Randomized, Double Blind, Parallel Group, Placebo Controlled, Multi-Centre, Multinational Study to Evaluate Efficacy and Safety of TRC150094 as an Add on to Standard of Care in Improving Cardiovascular Risk in Subjects with Diabetes, Dyslipidemia and Hypertension. Protocol No: CT/P015/CMR/16/03_01 | IQVIA RD | 20,000.00 | 09.05.2019 |
| 14 | Dr. Shivaji Pole | Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular | SIRO clinpharm Pvt Ltd | 22,222.00 | 22.05.2019 |
| | | | | 20,000.00 | 03.09.2019 |

| | | | | | |
|----|---------------------|---|---------------------------|-----------|------------|
| | | Embolization, a phase IV study. Protocol Number: LUF-44-001 | | | |
| 15 | Dr. Prashant Udgire | A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired Renal Function. Protocol No.: EFC14875/The SCORED | Sonafi Synth | 20,000.00 | 04.06.2019 |
| 16 | Dr. Sudhir Kulkarni | A Phase 3, Multicenter, Multi-country, Open-label, Randomized, Active-controlled Clinical Trial to Evaluate the Efficacy and Safety of Desidustat Versus Darbepoetin for the Treatment of Anemia in Patients with Chronic Kidney Disease (CKD) who are not on Dialysis. Protocol No: DESI.18.001.01 | Cadila Healthcare Limited | 39,999.00 | 03.07.2019 |
| 17 | Dr. Prashant Udgire | Multi-center cross-sectional epidemiological study to characterize the prevalence and distribution of lipoprotein (a) levels among patients with established cardiovascular disease. Protocol Number: CTQJ230A12001 | Novartis | 40,000.00 | 11.07.2019 |
| 18 | Dr. Deepak Bhosle | Survey to collect voice samples of patients and age matched healthy individuals. Protocol no. VoQuest 01 | Quest Clinical Services | 44,445.00 | 03.09.2019 |
| | | | | 31,555.00 | 23.10.2019 |
| | | | | 36,000.00 | 20.02.2020 |
| 19 | Dr. Vasanti Kelkar | A Randomized, Open-label, Prospective, Comparative, Multi-centre, Parallel group, Active controlled, Phase III Study to Evaluate the Efficacy and Safety of the Ropivacaine Readyfusor 2mg/ml versus Ropivacaine Balloon Pump Infusor 2mg/ml as a continuous surgical site infusion for the Treatment of Post-Surgical Pain in lower abdominal laparotomy. ProtocolNo.:CP/04/18 | JSS Medical Research | 60,000.00 | 03.09.2019 |
| 20 | Dr. Deepak | A 26 Week, Multicenter, | Pharmaceuti | 20,000.00 | 25.10.2019 |

| | | | | | |
|----|--------------------------|---|---|-----------|------------|
| | Bhosle | 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. ProtocolNo:CV181375/D1680C0000 19 | cal Research Associates Ind Pvt Ltd | | |
| 21 | Dr. Ashish Deshmukh | A Prospective, Double-blind, Randomization Parallel -Group, Vehicle-Controlled, Multicenter Study to Evaluate the Safety and Bioequivalence of Mupirocin Cream USP2% (Supplied by: Glasshouse Pharmaceuticals Limited Canada) using Mupirocin Cream USP2% (Manufactured by: Glenmark Pharmaceuticals Inc; USA) as a Reference Product, in Subjects with Secondarily Infected Traumatic Skin Lesion. P No: GH-SL-IN-01 | JSS Medical Research | 40,000.00 | 05.12.2019 |
| 22 | Dr. Deepak Bhosle | A Prospective, Multicenter, Randomized, Double-Blind, and Phase 3 Studies to Evaluate the Safety and Efficacy of a Gel Formulation of Esmolol Hydrochloride (Galnobax®) in Treating Diabetic Foot Ulcers. Protocol No.: NG-A16 | Abiogenesis Clinpharma Pvt, Ltd. | 40,000.00 | 23.12.2019 |
| 23 | Dr. Mishrikotkar Jyotika | A Comparative, Randomized, Two Arm, Double Blind, Parallel Group, Multicentric, Phase III Clinical Study to Evaluate the Efficacy, Safety and Tolerability of Netarsudil Ophthalmic Solution 0.02% w/v Versus Timolol Maleate Eye Drops 0.5% w/v in treatment of elevated intraocular pressure (IOP) in subjects with open angle glaucoma or ocular hypertension. Protocol No.: APL/CT/18/03 | 1) Mediclin Clinical Research, Mira Road Thane (E). 2) Red Clinical Research Services, Nagpur | 40,000.00 | 26.12.2019 |
| 24 | Dr. Vasanti Kelkar | A Phase III, Multicentre, Randomized Double Blind, Parallel group, Comparative Clinical Study to | Neon Laboratories Ltd | 60,000.00 | 30.01.2020 |

| | | | | | |
|----|------------------------|---|---|-----------|------------|
| | | evaluate Efficacy and Safety of Ropivacaine Hydrochloride 0.75% (7.5mg/mL) in Dextrose 8% (80mg/mL) injection compared to Bupivacaine Hydrochloride 0.5% (5mg/mL) in Dextrose 8% (80mg/mL) injection for subjects undergoing lower limb orthopaedic surgeries under spinal anesthesia Protocol No.: BCR/RPD/01 | | | |
| 25 | Dr. Mohd. Haseeb | A Multicentric observational study to describe the intussusceptions (IS) hospitalization among children <2 year of age using sentinel hospital surveillancesites PNo: V1.0 | Christian Medical College Vellore Association | 40,001.00 | 04.02.2020 |
| 26 | Dr. Syed Umar Quadri | A Prospective, Multi-centre, Phase IV Study to Assess the Safety, Efficacy and Immunogenicity of BIOSULIN® 30:70 (Insulin Injection, Biphasic Isophane 100 IU/ml of M. J. Biopharm Private Limited) in Treatment of Patients Diagnosed with Type 2 Diabetes Mellitus” Protocol No: PHIB/MJBPL/PHASE IV/2019 Version 1.0 dated 04 Sep 2019 | A biogenesis | 60,000.00 | 27.02.2020 |
| | | | | 36,000.00 | 20.02.2020 |
| 27 | Dr. Rajani Mullerpatan | Patient testing: 3 D gait analysis | Revenue generated from patient testing | 50,800 | 31.07.2020 |
| 28 | Dr. Rajani Mullerpatan | Biomechanical analysis and energy expenditure of traditional, chair and wall Suryanamaskar | Sancheti College of Physiotherapy | 86,000 | 04.11.2019 |
| 29 | Dr. Mansi Thakur | Internship in Biotechnology | MGM SBS | 6000 | 18.12.2019 |
| 30 | Dr. Prabha Dasila | General Cancer Screening Camp | Indian Women Scientist Association | 9475 | 07.01.2020 |
| 31 | Dr. Ultra Deshmukh | CRE on Prosthetics Knee Joints | Registration Fees from participants | 38,500 | 13.08.2019 |

❖ **Revenue Generated from Corporate Training:**

| Sr. No | Name of the consultant (S) Department | Title of the Programme | Agency seeking/ Training | Revenue generated (Amount in rupees) | Number of Trainees |
|--------|---------------------------------------|--|--|---------------------------------------|--------------------|
| 1 | Community Medicine | CHO Training | NRHM Govt of Maharashtra | 412500/- | 65 |
| | | | | 03.12. 2019 | |
| | | | | 462000/- | |
| | | | | 18.02.2020 | |
| 2 | Skill Lab | COLS Training | Divya Yog Sandhana Mandal, Aurangabad | Rs. 2000/- | 67 |
| | | | | 25.06. 2019 | |
| 3 | Skill Lab | COLS Training (COLS & First Aid for salt hotel staff member training) | Salt Hotel staff member training at Aurangabad | Rs.7920/- | 44 |
| | | | | 20.08. 2019 | |
| 4 | Skill Lab | COLS Training (First aid & Basic life support training for teaching staff) | Stepping stone School, Aurangabad | Rs.27000/- _ 19.09.2019 | 108 |
| 5 | Skill Lab | COLS Training | Intubation & Ventilation Training | Rs.1000/- | 1 |
| | | | (Dr. Kamble B.G.) | 11.12. 2019 | |
| 6 | Skill Lab | COLS & BLS Training | City Dental Care, Aurangabad | 4100 | 23 |
| | | | | 09.03.2020 | |

MGM MEDICAL COLLEGE & HOSPITAL, NAVI MUMBAI*Message from Dean's Desk:*

I have great pleasure to submit the credential of Mahatma Gandhi Mission's Medical College, Kamothe, Navi Mumbai. Our College is established in Aug. 1989. This is one of the best teaching and research institution in Maharashtra State recognized/ permitted by the Medical Council of India for undergraduate MBBS (150 Seats) and various post graduate MD/MS Courses (136 Seats) and Superspecialty DM/ MCh courses (07 Seats) and various Fellowship courses on every year. 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.

The Recognitions and Awards :

- a) Recognised Social Entrepreneurship Swachata & Rural Engagement Cell (CES REC) Institution. The Letter issued by Dept. of Higher Education, Ministry of Education, Government of India dated 27/08/2020.
- b) Awarded 1st Prize in Annual Swachhta Ranking 2019, on 03rd December 2019 at 11:00 AM in AICTE Auditorium, Nelson Mandela Marg, Vasant Kunj, New Delhi – 110070 and got award from Hon'ble Minister of MHRD.
- c) Awarded for Excellence in Community Engagement received from Minister of State for External Affairs Gen. V K Singh at AHPI Global Conclave in Delhi on 15th February 2019
- d) Ranked 3rd amongst the cleanest Higher Educational Institutions in the Country. Swachh Campus Ranking – 2018 Award from Hon'ble Minister of MHRD
- e) MGM Medical College Hospital was designated as Dedicated Covid Care Hospital (DCH) by Panvel Municipal Corporation, Raigad Dist, Maharashtra State Government from 01 April 2020 to 31st Oct 2020, vide PMC/Head Office/ 1250/2019 dated 09/04/2020. Presently it is continued to be a treating Hospital for Covid 19
- f) Our Hospital is running Government Projects under PPP Model in Dr TB DOT++, ART Centre, Leprosy Centre, De Addition Centre etc. with lot of patient care to the community services.
- g) We have adopted 05 villages under Unnat Bharat Bhiyan in 2019 in surrounding villages

Our strength lies in a team of highly qualified and experienced dedicated, skilled faculty, supported by an equally dedicated Non teaching , paramedical and Nursing staff and Residents with excellent infrastructure facilities, Library, Museums, Central Research Laboratory (SIRO's Approved) State of Art laboratory for serology, molecular biology, immunology and tissue culture , Central Diagnostic Laboratory (NABL Accredited) & Blood Bank & Components (NABH Accredited).

MGM Medical College Hospital is accredited by NABH & accredited by NABH "A+" for our Rajiv Gandhi Jeevandayi Arogya Yojna . The Hospital is treating patients on charity basis which is benefit to the patient care.

Medical Educational Unit is organizing workshops with MCI approval and most of the teachers are trained in MET. Medical college has established IQAC unit and it is functional.

Medical College is having an attached tertiary care 1000 bedded hospital with Emergency Care facilities, Trauma, all Broad specialty & superspecialty including Closed Critical Care system, Emergency Services, Endoscopy, , Modular Operation Theatres , Cath Lab, Lithotripsy. The Hospital is well equipped with modern equipments / instruments and qualified Consultant for the quality patient care with human touch. The Hospital has approval from Govt. of Maharashtra for Renal Transplant.

The faculties & Residents are organized National and International Conferences, CMEs/ Workshops with Eminent Faculty as Speakers from national and international level with accredited credit hours from Maharashtra Medical Council, Mumbai. Also CME's on web streams are organized The faculties and residents are presenting research papers, poster presentation etc. in State, Regional, National & International Conferences. The faculties are published papers in various indexed journals in National and International level and won various awards. Our UG students are also done short term research projects approved by ICMR & DST.

The College has active Urban & Rural Health Centres attached to it. Besides these academic activities, our Outreach Programmes hold medical camps in the rural areas serving the poor and weaker sections of the society. Recently, we have started specialty OPD & Lab services at Municipal Hospital on daily basis which increased the clinical material for the training UG & PG students and research.

The institution take extreme mark to patient care, medical research and quality at Raigad district. We look forward the world class excellence in education and health care services at this esteemed institute.

(Dr. G. S. Narshetty), Dean

***MBBS, MS (Gen. Surgery),
PGDHA(Hosp. Admn), PGMLS(Legal)***

Under Graduate and Post Graduate Course (s)

| Sr. No. | Name of Subject | Recognised | Permitted | Total Intake for 2019-20 |
|---------|---|------------|-----------|--------------------------|
| | UG Programme | | | |
| 1. | MBBS | 150 | - | 150 |
| | MD/MS Programs | | | |
| 1. | MD- Anatomy | 5 | --- | 5 |
| 2. | MD- Physiology | 3 | --- | 3 |
| 3. | MD- Biochemistry | 2 | --- | 2 |
| 4. | MD- Microbiology | 2 | --- | 2 |
| 5. | MD- Pharmacology | 4 | --- | 4 |
| 6. | MD- Pathology | 6 | 5 | 11 |
| 7. | MD- Community Medicine` | 2 | 0 | 2 |
| 8. | MD- General Medicine | 8 | 6 | 14 |
| 9. | MD- Respiratory Medicine | 1 | 2 | 3 |
| 10. | MD- Dermatology & V.L. | 2 | 1 | 3 |
| 11. | MD- Paediatrics | 8 | 3 | 11 |
| 12. | MD- Anaesthesiology | 8 | 3 | 11 |
| 13. | MD- Radiodiagnosis | 6 | 0 | 6 |
| 14. | MD- Psychiatry | 2 | 1 | 3 |
| 15. | MD- Emergency Medicine | 2 | 3 | 5 |
| 16. | MD- Geriatrics | 2 | 0 | 2 |
| 17. | MD-Immuno Heamatology & Blood Transfution | 1 | 2 | 3 |
| 18. | MS- General Surgery | 6 | 6 | 12 |
| 19. | MS-Orthopaedics | 8 | 3 | 11 |
| 20. | MS-Ophthalmology | 4 | 0 | 4 |
| 21. | MS-Obst. & Gynaec | 8 | 4 | 12 |
| 22. | MS-ENT | 2 | 1 | 3 |
| 23. | MS- Traumatology & Surgery | 0 | 2 | 2 |
| 24. | MD-Family Medicine | 0 | 2 | 2 |
| | Total | 92 | 44 | 136 |

| Sr. No. | Name of Subject | Recognised | Permitted | Total Intake for 2019-20 |
|---------|------------------------------------|------------|-----------|--------------------------|
| | Total Superspecialty Courses/Seats | | | |
| 1. | MCh-Urology | 1 | 2 | 3 |
| 2. | MCh-CVTS | 1 | 0 | 1 |
| 3. | DM-Cardiology | 1 | 2 | 3 |
| | Total | 3 | 4 | 7 |

| | Total Undergraduate Course/Seats | Recognised | Permitted | Total Intake for 2019-20 |
|----|----------------------------------|------------|-----------|--------------------------|
| 1. | MBBS | 150 | 150 | 150 |

Fellowship Programms

| Sr. No. | Name of Course | No. of Intake Capacity |
|---------|--|------------------------|
| 1. | Fellowship in Minimally Invasive Gynecological Surgery | 1 |
| 2. | Fellowship in CT MRI | 5 |
| 3. | Fellowship in Clinical Gastrointestinal Endoscopy | 1 |
| 4. | Fellowship in Cardiac Anaesthesia | 2 |
| 5. | Fellowship in HIP & Knee Arthroplasty | 1 |
| 6. | Fellowship in Blood Transfusion | 1 |
| 7. | Fellowship in Clinical Nephrology | 1 |
| 8. | Fellowship in Paediatrics Intensive Care | 1 |
| 9. | Fellowship in Paediatric Neurology | 1 |
| 10. | Fellowship in Neonatology | 1 |
| 11. | Fellowship in Interventional Radiology | 2 |
| 12. | Fellowship in Critical Care Medicine | 2 |
| 13. | Fellowship in Dual Neonatology & Paediatric Intensive Care | 1 |
| 14. | Certificate Course in Endospine | 4 |

Teaching Faculties:

| SR NO | DESIGNATION | STAFF STRENGTH | |
|-------|-------------------------|----------------------------|-------------------|
| | | Requirement as per MCI/DCI | Actual (Existing) |
| 1 | Professor | 28 | 54 |
| 2 | Associate Professor | 50 | 57 |
| 3 | Assistant Professor | 77 | 62 |
| 4 | Tutor / Senior Resident | 71 | 68 |

Department Wise No. of Books and Journals with Cost

| Sl. no. | Departments | No. of Titles | No. of Books | Cost of Books | Journals | | Cost of Journals | Remark |
|---------------|---------------------------|---------------|--------------|------------------|---------------|-----------|---------------------|--------|
| | | | | | International | National | | |
| 1. | Anatomy | - | - | - | - | 3 | 19010.00 | |
| 2. | Anesthesiology | 10 | 11 | 54037.00 | 2 | 3 | 279848.00 | |
| 3. | Biochemistry | - | - | - | 1 | 3 | 56751.77 | |
| 4. | Cardiology | - | - | - | 1 | 2 | 76340.25 | |
| 5. | Community Medicine | 14 | 38 | 30859.00 | 1 | 3 | 46936.05 | |
| 6. | CVTS | - | - | - | 1 | 1 | 129237.50 | |
| 7. | Dermatology | - | - | - | 2 | 3 | 270871.00 | |
| 8. | Emergency Medicine | 10 | 23 | 134137.00 | 2 | 2 | 358632.9 | |
| 9. | ENT | 08 | 22 | 94518.00 | 2 | 3 | 187501.30 | |
| 10. | FMT | - | - | - | - | - | - | |
| 11. | Family Medicine | 14 | 14 | 43828.00 | 2+2 | 2 | 136617.00 | |
| 12. | Geriatrics | - | - | - | 2 | 3 | 217259.70 | |
| 13. | IHBT | - | - | - | 2 | 2 | 243625.90 | |
| 14. | Medicine | 04 | 16 | 94860.00 | 2 | 4 | 311492.10 | |
| 15. | Microbiology | - | - | - | 1 | 3 | 97661.74 | |
| 16. | OBGY | - | - | - | 2 | 3 | 247803.50 | |
| 17. | Ophthalmology | - | - | - | 2 | 3 | 232760.50 | |
| 18. | Orthopedics | - | - | - | 2 | 3 | 133169.00 | |
| 19. | Pathology | 08 | 10 | 79431.00 | 2 | 3 | 167890.50 | |
| 20. | Pediatrics | - | - | - | 2 | 3 | 255570.00 | |
| 21. | Pharmacology | - | - | - | 1 | 3 | 118363.90 | |
| 22. | Physiology | - | - | - | 1 | 3 | 82054.50 | |
| 23. | Psychiatry | - | - | - | 2 | 2 | 215639.00 | |
| 24. | Radio- diagnosis | - | - | - | 2 | 2 | 162027.70 | |
| 25. | Respiratory Medicine | 07 | 10 | 66662.00 | 2 | 2 | 258124.80 | |
| 26. | Surgery | - | - | - | 2 | 3 | 279277.90 | |
| 27. | Traumatology & Surgery | 13 | 14 | 99285.00 | 1+1 | 1 | 159594.50 | |
| 28. | Urology | - | - | - | 2 | 3 | 355651.60 | |
| 29. | Hospital Administration | - | - | - | - | - | - | |
| 30. | Sport Medicine | - | - | - | - | - | - | |
| 31. | MEU-1. Medical Education. | 02 | 02 | 4252.00 | - | - | - | |
| | 2. Communication. | 01 | 10 | 3990.00 | - | - | - | |
| 32. | General Reading | - | - | - | - | 3 | 6675.00 | |
| Total: | | 91 | 170 | 705859.00 | 47 | 74 | 51,06,388.00 | |

Details of CME Programmes, Conference & Academic Activities Conducted



TSSULA, Organizing Secretary :
Dr. Alfvén Vieira,
HoD Orthopaedics
MMC Accredited 4 points



Temporal Bone Workshop 2019
Organizing Secretary
HoD ENT, MMC Accredited 4 points

| | |
|-------------------------------|--|
| 17th to 18th March 2020 | CME on Cardiac Anaesthesia, by Anaesthesiology Department, Organizing secretary : Dr Vishwas Sathe |
| 15th March 2020 | 2nd International PSLD Cadaveric program workshop, Organizing secretary : Dr Alfvén Vieira, HoD Orthopaedics |
| 13th to 15th March 2020 | Temporal Bone Workshop by ENT department, Organizing secretary : Dr Kalpana Rajivkumar, HoD ENT Accredited by MMC MMC/MAC/2020/D-014926, 4 Points |
| 7th March 2020 | CME on Neuroanaesthesia by Anaesthesiology Department, Organizing Secretary : Dr Jessy Sabu, Accredited by MMC MMC/MAC/2020/C-014915, 1 Point |
| 14th to 16th Feb. 2020 | Temporal Bone Workshop by ENT department, Organizing secretary : Dr Kalpana Rajivkumar, HoD ENT (non Accredited MMC points) |
| 22nd to 26th Jan. 2020 | ENDOSPINE by Orthopaedics department & Mission Spine (non Accredited MMC points) |
| 31ST Jan. to 2nd Feb 2020 | Lateral skull base surgery workshop by ENT department, Organizing secretary : Dr Kalpana Rajivkumar, HoD ENT, MMC/MAC/2020/D-014651, Dated: 23/01/2020 (MMC Accredited) |
| 14th to 15th December 2019 | Workshop on 1st DIAGNOSTIC AND MICROSURGICAL SKILL TRANSFER COURSE, Organizing Secretary : Dr N Abidi, Professor & Head Ophthalmology, MMC Accredited 4 points |

| | |
|---------------------------------|--|
| 13th to 15th December 2019 | Temporal Bone Workshop, Organizing Secretary : Dr Kalpana Rajivkumar, HoD ENT & Dr. Swapnil Gosavi, Assistant Professor ENT, MMC Accredited 4 points |
| 9th to 10th Nov 19 | RadioCon 2019, DrPritiKapoor, HoDRadiodiagnosis, MGM Medical College Navi Mumbai (applied for Credit Pointsof MMC) |
| 10th Nov 2019 | CME on Oncology, organized in association with MGM New Bombay Hospital Vashi (applied for Credit Pointsof MMC) |
| 13th to 15th September 2019 | Temporal Bone Workshop, Organizing Secretary : Dr Kalpana Rajivkumar, HoD ENT & Dr. Swapnil Gosavi, Assistant Professor ENT, MMC Accredited 4 points MMC/MAC/2019/D-013733 |
| 6th to 8th September 2019 | Temporal Bone Workshop, Organizing Secretary : Dr Kalpana Rajivkumar, HoD ENT & Dr. SwapnilGosavi, Assistant Professor ENT, No MMC points |
| 2nd, 3rd and 4th August 2019 | Lateral Skull Base workshop 2019, Organizing Secretary : DrKalpanaRajivkumar, HoD ENT & Dr. SwapnilGosavi, Assistant Professor ENT, MMC Accredited 4 points |
| 26th, 27th and 28h July 2019 | Temporal bone workshop 2019, Organizing Secretary : DrKalpanaRajivkumar, HoD ENT & Dr. SwapnilGosavi, Assistant Professor ENT, MMC Accredited 4 points |
| 4th to 7th July 2019 | 101st TSSULA, Organizing Secretary : Dr. Alfvn Vieira, HoDOrthopaedics& Dr. SwapnilGosavi, Assistant Professor ENT, MMC Accredited 4 points |
| 12.07.2019 | CME TECHVOICE-2019 |
| 5.10.2019 | Mentsl Health Week (CME) - Life is Beautiful |
| 14.10.2019 | Stroke Day Celebration Programme |
| 14.11.2019 | Diabetes CME (World Diabetes Day) |
| 12.12.2019 | Gender Sensitization Program for UG arfi PG students -SBS + Pathology |
| 29.2.2020 | LECTURE BY DR. SANDEEP RAI, PROF. MEDICINE - Corona Virus disease - A Special Lecture conducted on “ Corona virus-danger of Global Pandemic” to all Faculty & Residents |
| 07.03.2020 | CME – Neuroanestheasia |
| 23.08.19 | Nurtricon - mangement of Acute severe mal nutrition&complementary feeding |
| 4th to 7th July 2019 | Cadaveric hands on training workshop |

Guest Lecutre organised by Medical College



Dr Amriita Desai MD Medical Oncologist US, Topic Recent Advanced in Breast Cancer on 14.10.2019



Dr. H V Fluery, Director, Virology, Univ. Bordeaux, France, Topic : Emerging Viruses, on 25.11.2019



Dr. Yuvraj Bhosale, Professor, Anatomy, Seth G S Medical college, Mumbai, Topic : Viva Voce on 26.7.2019



Prof KC Santosh University of South Dakota - Topic : Smart Health Care & Artifical Intelligence on 13.01.2020

| Sr. No. | Academic Year | Department | Title of professional development program organised for teaching staff | Dates (from-to) |
|----------------|----------------------|---|---|------------------------|
| 1 | 2019-20 | IHBT | HSCT | 10.09.2019 |
| 2 | 2019-20 | Medical College | Dr Amriita Desai, MD Medical Oncologist, CMH-OHSU Knight Cancer Collaborative, Located West of Columbia Memorial Hospital, 1905, Exchange St Astoria, OR 97103 United State. Topic : Recent Advanced in Breast Cancer | 14.10.2019 |
| 3 | 2019-20 | Physiology | Dr. Prashanth Dixit, Associate Professor, Physiology, KIMS Koppal, Karnataka Topic - Research in Physiology | 26.7.2019 |
| 4 | 2019-20 | Physiology | Dr.Pallavi Chitnis, Assistant Professor, Physiology, D Y Patil Medical College, Nerul, Maharashtra Topic - Parasomnia | 31.7.2019 |
| 5 | 2019-20 | Physiology | Dr. Yuvraj Bhosale, Additional Professor, Anatomy, Seth G S Medical college & KEM Hospital, Parel, Mumbai Topic : Viva Voce | 26.7.2019 |
| 6 | 2019-20 | Physiology | New Trends in Physiology | 30.12.2019 |
| 7 | 2019-2020 | Pathology | Dr. M. B. Aggarwal, DM Haematology, HoD Haematology, Bombay Hospital 1) Lymphocytosis: An approach from morphology to Molecular Pathology. 2) Thrombocytopenia: How to handle and manage in a day to day practice | 23.11.2019 |
| 8 | 2019-2020 | MGM's ART Centre, Gen. Medicine, Microbiology Paediatrics | Dr. H V Fluery, Director, Virology, Univ. Bordeaux, France, Topic : Emerging Viruses | 25.11.2019 |
| 9 | 2019-20 | Radiology | Basic Research Methodolgy by Medical Education Unit (MEU) | 23.12.2019 |
| 10 | 2019-20 | Medical College & University | Prof KC Santosh University of South Dakota - Topic : Smart Health Care & Artifical Intelligence | 13.01.2020 |

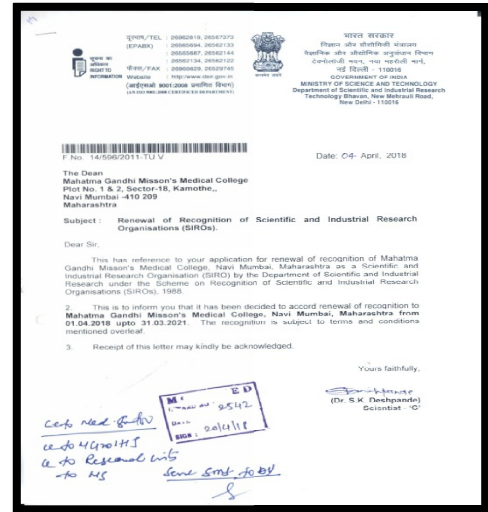
Institution's Awards / Accrediation / Approval



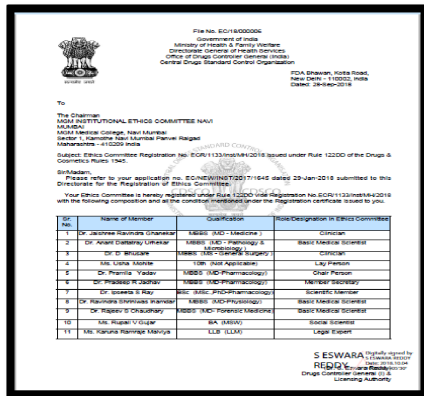
First Rank in Swachh Campus Ranking 2019 of Higher Educational Institutions, by Minister of Human Resource Development, Govt. of India on 03.12.2019



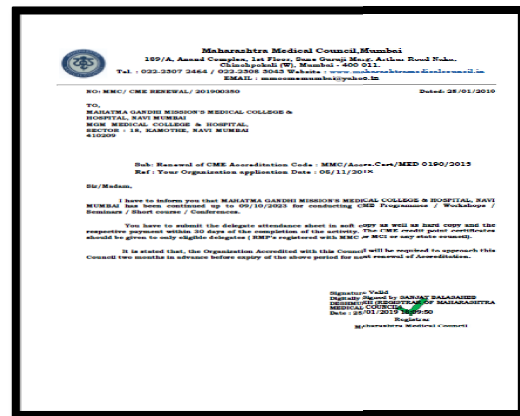
NABL Accreditation : MGM Medical College & Hospital, Central Laboratory, Kamothe, Navi Mumbai, 26.04.2019 to 25.04.2021



Scientific and Industrial Research organisations (SIROs), 01.04.2018 to 31.03.2021



Ethics Committee Registration, Govt. of India, Ministry of Health & Family Welfare, New Delhi to 28.08.2018 till date



CME Accreditation (MMC points) Maharashtra Medical Council, Mumbai, 25.01.2019 to 09.10.2023

| Name | Details of award / appreciation / approval | State/ National/ International | Date of receiving award / Accreditation / Approval | Place and venue |
|---|--|--------------------------------|--|--|
| MGM Medical College , Navi Mumbai | Swachh Campus Ranking 2019 of Higher Educational Institutions | National | 03.12.2019 | Minister of Human Resource Development, Govt. of India |
| MGM Medical College & Hospital, Central Laboratory, Kamothe , Navi Mumbai | Medical Laboratories – Requirement for quality and competence | National | 26.04.2019 to 25.04.2021 | National Accreditation Board for Testing and Calibration Laboratories (NABL) |
| MGM Medical College, Kamothe, Navi Mumbai | Scientific and Industrial Research organisations (SIROs) | National | 01.04.2018 to 31.03.2021 | Govt. of India, Ministry of Science and Technology, New Delhi. |
| MGM Institutional Ethics Committee, MGM Medical College, Kamothe, Navi Mumbai | Ethics Committee Registration | National | 28.08.2018 | Govt. of India, Ministry of Health & Family Welfare, New Delhi. |
| MGM Medical College & Hospital, Kamothe, Navi Mumbai | CME Accreditation (MMC points) | State | Up to 09.10.2023 | Maharashtra Medical Council, Mumbai |
| MGM Medical College & Hospital Kamothe Navi Mumbai | Dedicated Covid Hospital | State | 09.04.2020 to 16.10.2020 | Commissioner Panel Municipal Corporation |

Awards of Faculty State



Chancellors Medal for Best Post Graduate Student (2019) to Dr Minal Kanhere

| Name of the department | Name of the faculty | Designation | Details of award(Title/ Conference or organization who gave the award/Place) | Type of Award | State/ National/ International | Date of receiving award | Place and venue |
|------------------------|---------------------|-------------|--|---------------------------|--------------------------------|--------------------------|--------------------------|
| Microbiology | Dr. Pradnya Samant | Tutor | Mahamicrocon 2019: Prevalence of Biofilm producing CONS from clinical samples in a tertiary care hospital in Navi Mumbai with special reference to ICA OPERON gene | First prize in oral paper | state | 21.09.2019 to 22.09.2019 | NKPSIMS and VAMM, Nagpur |
| Microbiology | Dr. Pradnya Samant | Tutor | Chancellor's Medal for the Best Medica PG I MD in Pre / Para Clinical Sciences. | Chancellor's Medal | University Level | 27.09.2020 | MGMIHS, Navi Mumbai |
| Ophthalmology | Dr. Minal Kanhere | Resident | Chancellors Medal for Best Post Graduate Student (2019) | Chancellor's Medal | University Level | 2019 | MGMIHS, Navi Mumbai |

Awards of Faculty National

| Name of the department | Name of the faculty | Designation | Details of award(Title/ Conference or organization who gave the award/Place) | Type of Award | State/ National/ International | Date of receiving award | Place and venue |
|------------------------|---------------------|---------------------|---|-------------------------|--------------------------------|-------------------------|--------------------------------------|
| GERIATRICS | Dr Bharat Dharewar | Associate Professor | Outstanding service as DNB teacher | ANBI Teachers day award | National | 13-Jul-19 | Saifee Hospital, Charni road, Mumbai |
| Pharmacology | Dr. Ipseeta Ray | Professor | 5th IUPHAR Work Conference on the Pharmacology of Natural Products & 51st Annual Conference of Indian Pharmacological Society | Suryakumari | National | 5th to 7th Dec 2019 | Hyderabad, telangana, India |
| Biochemistry | Dr. Kavita More | Asso. Prof | 5th Annual National CME & Workshop in Clinical Biochemistry "Intertextually between patient & lab reports" | | National | 8th - 9th Feb 2020 | Tata Memorial Centre, Mumbai |

Patents Filed/Granted/Published/awarded

| Department | Name of the patent | Name of the faculty | Patent details | Patent status- Filed/Granted/ Published/ awarded | patent Number | Date of Award |
|--------------|---|---------------------|-------------------------------|--|------------------------------|---------------|
| Pharmacology | Polyherbal formulation having Dipeptidyl peptidase Inhibitory Effects | Dr. Ipseeta Ray | Application No 201921053 266A | Published | Application No 201921053266A | 1/3/2020 |

Awards for Students (UG/PG)

| S. No | Academic Year | Department | Course (UG /PG) | Category of Learners | Date | Topic | Name and Numbers of students participated | Name of the College where conducted | Award if any |
|-------|---------------|--------------------|-----------------------|----------------------|--------------------------------|--|---|---|--------------------------------|
| 1 | 2019-20 | Community Medicine | PG | Advanced | 11-13 July, 2019 | 3rd National Bioethics conference of Medicine and Research | | DATTA Meghe institute of Medical sciences at Sewangi, Wardha | 1st prize in essay competition |
| 2 | 2019-2020 | Microbiology | PG : MD- Microbiology | | 21 Sept. 2019 to 22 Sept. 2019 | Oral Presentation : "Prevalance of Buiofilm producing Cons from Clinical Samples in a Tertiary Care Hospital in Navi | | Mahamicrocon 2019, Nagpur - XXV Maharashtra State Chapter Confreence of Indian Asso. Of | 3rd Prize |

| | | | | | | | | | |
|---|---------|------------|-----------------|-------------------------------|-------------------------|--|---|--|--|
| | | | | | | Mumbai with Special reference to Ica Operangene in" | | Med. Microbiologists : NKPSIMS & RC & VAMM, Nagpur | |
| 3 | 2019-20 | Geriatrics | MD(Geriatrics) | PG students Medicine & allied | 14Nov. 2019 | Quiz competetion on Diabetes in 'Diabecon 2019' on World Diabetes Day | Dr Sriraj Kane & Dr Anupa Pillai -3rd year MD(Geriatrics) residents | MGM Medical College & Hospital,Ka mothe | secure d 2nd prize and awarded memento |
| 4 | 2019-20 | Geriatrics | MD(Geriatrics) | PG students | 22 Nov. 2019 | Quiz program of the World Congress of gerontology and Geriatrics,5th international Conference on Healthy Ageing in the changing World-2019 | Dr Anita Kumar,2 nd year MD(Geriatrics) resident | J.N. Tata Auditorium,I ndian Institute of Science,Ben galuru,India | Won 2nd prize |
| 5 | 2019-20 | Geriatrics | MD (Geriatrics) | PG students | 21 st & 22 nd Nov 2019. | The World Congress of gerontology and Geriatrics,5th international Conference on Healthy Ageing in the changing World-2019 | Dr Anita Kumar,2 nd year MD(Geriatrics) resident | J.N. Tata Auditorium,I ndian Institute of Science,Ben galuru,India | Best poster award for the paper titled 'Cross ed Fused Ectopic Kidneys in Elderly: an unusual case presentation' |

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|---|-----------|-----------|----------------------|---|--|-----------------------------------|------------------------|--|----------------------|
| 6 | 2019-20 | Pathology | Dr. Jyotsna Sahai | 1st prize Oral Paper: Role of cell pattern analysis in diagnosing breast FNAC. | Topiwala National Medical College & BYL Nair Chaitable, Hospital & B.B.G | Mumbai | 13.2.2020 to 15.2.2020 | Oral Paper presented | Oral Paper presented |
| 7 | 2019-20 | Pathology | Dr. Priyanka Gaikwad | 2nd prize Oral Paper: Study of relationship between hematological parameters and liver enzymes in dengue. | Topiwala National Medical College & BYL Nair Chaitable, Hospital & B.B.G | Mumbai | 13.2.2020 to 15.2.2020 | Oral Paper presented | Oral Paper presented |
| 8 | 2019-2020 | Ob/Gy | MS | Dr Anshu Baser | 2nd Prize - A case series of acute pyelonephritis in pregnancy | MOGS | 09.02.2020 | Trident nariman point Mumbai | National |
| 9 | 2019-2020 | Ob/Gy | MS | Dr. Rahul Khatri | 3rd Prize - A case of Sub – Drachnoid Hemorrhage in third trimester of pregnancy | Terna Medical college Navi Mumbai | 6.3.2020 & 7.3.2020 | Hridaya 2020 conference at Terna Medical college Navi Mumbai | National |

| | | | | | | | | | |
|----|-----------|----|----------|----------------------|--|-----------------|------|--|----------|
| | | | | | cy | | | | |
| 10 | 2019-2020 | UG | MB BS | Ms. Zeal Mithani | 1 st prize in Essay "Becoming a Doctor : Dream or Reality | DYP ICONIC 2019 | 2019 | DY Patil Inter Collegiate Online National Innovation Competition | National |
| 11 | 2019-2020 | UG | MB BS | Ms. Shagufta Hussain | 3 rd prize in Essay "Becoming a Doctor : Dream or Reality | DYP ICONIC 2019 | 2019 | DY Patil Inter Collegiate Online National Innovation Competition | National |
| 12 | 2019-2020 | UG | MB BS | Ms. Shagufta Hussain | 3 rd prize in Essay "Becoming a Doctor : Dream or Reality | DYP ICONIC 2019 | 2019 | DY Patil Inter Collegiate Online National Innovation Competition | National |
| 13 | 2019-2020 | UG | MB BS | Mr. Mihir Bairat | 2 nd prize in Photography "Water is life" | DYP ICONIC 2019 | 2019 | DY Patil Inter Collegiate Online National Innovation Competition | National |

Innovation centre details

| Sr No | Academic Year | Name of the department | Name of the faculty/ student | Designation | Title of the project working for incubation centre | Ongoing/ completed / submitted | Any funding received/ If yes, give amount |
|-------|---------------|------------------------|-------------------------------------|--------------------------|---|--------------------------------|---|
| 1 | 2019-2020 | Microbiology | Dr. Samir / Dr.Pradnya | Asso. Prof. / Tutor | Production of Poultry and animal feed from Fruit and vegetable waste | ongoing | Rs.25,000/- |
| 2 | 2019-2020 | Microbiology | Dr.H.Kar / Arth | Asso. Prof. /PhD Student | Cultivation of Spirulinaplatensis, grown in bean sprouted extract medium with Urea Extraction of Phycocyanin as antiooxidenats from Spirulinaplatensis | ongoing | Rs.25,000/- |
| 3 | 2018-19 | Biochemistry | Dr. P. samant | I/C Head | Isolation of curcumin from Turmeric | Ongoing | |
| 4 | 2018-19 | Biochemistry | Dr. Z. G. Badade/ AneesaaSayed | Prof/ PG Student | Antidiabetic formulation of A.indica and M.charantia | Ongoing | Rs.37,960/- |
| 5 | 2018-19 | Biochemistry | Dr. Z. G. Badade/ Komal Vishwakarma | Prof/ PG Student | Antidiabetic formulation of T.foenum and T.aestivum | Ongoing | Rs.37,960/- |
| 6 | 2018-19 | Biochemistry | Dr.Kavita More/ Ankita Kondhalkar | Asso, Prof/ PG Student | Soya Protein based nutritious protein bar | Ongoing | Rs.25,000/- |
| 7 | 2019 | Pharmacology | Dr Ipseeta Ray | Professor | Natural Dipeptidyl peptidase-IV Inhibitor based antidiabetic tablet | ongoing | Rs.25,000/- |

**Professional development programs & Orientation programme
organised by MGM Medical College**

| Sr No | Academic Year | Department | Type of program | Title of professional development program organised for teaching staff | Dates and Time | |
|--------------|----------------------|------------------------------|--|--|-------------------------------|--|
| 1 | 2019-20 | Medical Education Unit (MEU) | - | MCI AETCOM and Revised Basic Course workshop | 08.07.19 | 11.07.19 |
| 2 | 2019-20 | Medical Education Unit (MEU) | - | Professional Development Session for UG - 2nd MBBS | 16.09.19 | 16.09.19 |
| 3 | 2019-20 | Medical Education Unit (MEU) | - | Professional Development Session for UG - 1st MBBS | 01.10.19 | 01.10.19 |
| 4 | 2019-20 | Medical Education Unit (MEU) | - | CBME Orientation workshop for Faculties | 04.10.19 | 04.10.19 |
| 5 | 2019-20 | Medical Education Unit (MEU) | - | CBME Orientation workshop for Faculties | 10.10.19 | |
| 6 | 2019-20 | Medical Education Unit (MEU) | Professional Development Session for UG - 1st MBBS | Gandhian Thoughts & Value Based Education (Dr. S. P. Dubhashi, MEU Co-coordinator) | 01.10.19 , 2 pm to 4 pm | Ground Floor Auditorium, MGM MC |
| 7 | 2019-20 | Medical Education Unit (MEU) | CBME Orientation workshop for Faculties | | 04.10.19 , 9 am to 4 pm | MEU Conference Hall, 1st Floor, MGM College Bldg |
| 8 | 2019-20 | Medical Education Unit (MEU) | CBME Orientation workshop for Faculties | | 10.10.19 , 9 am to 4 pm | MEU Conference Hall, 1st Floor, MGM College Buidling |
| 9 | 2019-20 | Medical Education Unit (MEU) | CBME Orientation workshop for Faculties | | 11.12.19 , 9 am to 4 pm | MEU Conference Hall, 1st Floor, MGM College Buidling |
| 10 | 2019-20 | Medical Education Unit (MEU) | CBME Orientation workshop for | | 19.12.19 , 9 am to | MEU Conference |

| | | | | | | |
|----|-----------|--|--|--|------------------------|---|
| | | | Faculties | | 4 pm | Hall, 1st Floor, MGM College Buidling |
| 11 | 2019-20 | Medical Education Unit (MEU) | CBME Orientation workshop for Faculties | | 20.12.19, 9 am to 4 pm | MEU Conference Hall, 1st Floor, MGM College Buidling |
| 12 | 2019-20 | Medical Education Unit (MEU)&Radiology | Guest lectures | Basic Research Methodolgy | 23.12.19 | 2nd Floor, Seminar Hall, MGM Hospital Bldg. Kamothe |
| 13 | 2019-2020 | Medical College& OMICS, MGMIHS | | IIC related event Topic : Mentoring session on IPR and its management for Innovation | 29.2.2020 | MGM Auditorium |
| 14 | 2020 | Emergency Medicine | Covid 19 HDU ICU Oroentation Programme (Zoom meeting training session) | Dr .Sagar Sinha (Assist Prof) Dr. Mayank Dhir SR Dr.Ankit Biyani SR Dr.Ramakrishna (JRII) | 30.4.2020 | Oroentation Programme (Zoom meeting training session) |
| 15 | 2020 | Emergency Medicine | Covid 19 HDU ICU Oroentation Programme (Zoom meeting training session) | Dr .Sagar Sinha (Assist Prof) Dr. Mayank Dhir SR Dr.Ankit Biyani SR Dr.Ramakrishna (JRII) | 16.5.2020 | Oroentation Programme (Zoom meeting training session) |
| 16 | 2020 | Emergency Medicine | Covid 19 HDU ICU Oroentation Programme (Zoom meeting training session) | Dr .Sagar Sinha (Assist Prof) Dr. Mayank Dhir SR Dr.Ankit Biyani SR Dr.Ramakrishna (JRII) | 3.6.2020 | Oroentation Programme (Zoom meeting training session) |
| 17 | 2020 | Emergency Medicine | Covid 19 HDU ICU Oroentation Programme (Zoom meeting training session) | Dr .Sagar Sinha (Assist Prof) Dr. Mayank Dhir SR Dr.Ankit Biyani SR Dr.Ramakrishna (JRII) | 21.6.2020 | Oroentation Programme (Zoom meeting training session) |

Celebration Days conducted by Medical College



Republic Day 15.08.2019



Inaguration of RHYTHM institute of Music & performing Arts Academy by Padmashree Hrudaynath Mangeshkar 26.01.2020



CELEBRATION OF MARATHI RAJBHASHA DIVAS 27.02.2020



71st Republic Day Celebration 26.01.2020

| S:No | Type of program | Title of professional development program organised for teaching staff | Dates / Time (from-to) |
|-------------|------------------------|--|-------------------------------|
| 1 | Independence Day | Independence Day | 15.08.2019 |
| 1 | Republic Day | 71st Republic Day Celebration | 26.01.2020 |
| 2 | Inaguration | inaguration of RHYTHM Institute of Music & performing Arts Academy by Padmashree Hrudaynath Mangeshkar | 26.01.2020 |
| 3 | | CELEBRATION OF MARATHI RAJBHASHA DIVAS | 27.02.2020 |

Students Exchange Programme (Observational Study / clerkship) done at MGM Medical College, Navi Mumbai

| <i>Name of the Student</i> | <i>University / College</i> | <i>Year</i> |
|----------------------------|--|-------------|
| Ms Shirely MACwan | Russia University | 2019 |
| Mr Suresh Karande | Lugansk State Medical University Ukraine | 2019 |

Students are done Electives & observation ship at overseas

| <i>Name of the Student</i> | <i>University / College</i> | <i>Year</i> |
|----------------------------|---|-------------|
| Mr Samin Kandoth | Florida International University Herbert Wertheim College of Medicine | 2019 |
| Ms Shweta Sharma | Florida International University Herbert Wertheim College of Medicine | 2019 |

MGM Medical College & Hospital, Aurnagabad

Awards / Recognition 2019-20

| Sr. No | Name of full time teachers receiving awards from state level, national level, international level | Designation | Mention - Awards, Fellow and recognition | Name of the award, fellowship, received from Government or recognized bodies |
|--------|---|---------------------|--|--|
| 1 | Dr. Ankita Balara | PG Student | Award | AMOGS Amravati 2020 |
| 2 | Dr. Mridual Tantia | PG Student | Award | Association of Minimal Access Surgeons of India |
| 3 | Dr. Pranav Wadhokar | PG Student | Award | Association of Surgeons of India |
| 4 | Dr.Deshpande Vidyanand Pramod | Assistant Professor | Award | Divya Marathi Gaurav Rugnasevecha 2019 |
| 5 | Dr.Joshi Shripad Udhavrao | Assistant Professor | Award | GMCH,AOA,IMA Aurangabad |
| 6 | Dr.Mounika Jampala | PG Student | Award | AMOGS Amravati 2020 |
| 7 | Dr.Pole Shivaji Marotrao | Associate Professor | Award | Divya Marathi Gaurav Rugnasevecha 2019 |
| 8 | Dr.Shiradkar Swati Sudhir | Professor | Award | MGM Institute of Health Sciences |
| 9 | Dr.Soorya Sekar | PG Student | Award | MASICON Amravati 2019 |
| 10 | Dr.Ukadgaonkar Ajeya Nandkumar | Assistant Professor | Award | Northwestern Medicine |
| 11 | Dr.Bhale Dhananjay Vasantao | Professor & Head | Fellowship | Medvarsity |

| | | | | |
|----|---------------------------------|---------------------|-------------|---|
| 12 | Dr.Dank Gauri Anand | Assistant Professor | Fellowship | Sunrise Institute of Medical Science Pvt Ltd.Kochi |
| 13 | Dr.Irani Farahanaz Baman | Assistant Professor | Fellowship | The Society of Innovative Educationalist & Scientific Research Professional Chennai |
| 14 | Dr.Kadam Minal Ujwal | Assistant Professor | Fellowship | MGM Institute of Health Sciences |
| 15 | Dr.Rachkonda Lakshmi N | Professor & Head | Fellowship | Indian College of Obstetrics & Gynaecologist |
| 16 | Dr.Rathi Amey Jayant | Assistant Professor | Fellowship | Roseman University, USA |
| 17 | Dr.Suryawanshi Asmita Pravin | Associate Professor | Fellowship | ScholarMD EDVENT |
| 18 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | MGM Mother Terasa College of Nursing Aurangabad |
| 19 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | Indian Psychiatric Society - Western Zonal Branch |
| 20 | Dr.Kadam Savita Narayanrao | Associate Professor | Recognition | OBGYN SONOCON 2019 |
| 21 | Dr.Mahajan Swati Manikrao | Professor | Recognition | 21st Maharashtra State Conference of IAPSM & IPHA |
| 22 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | Bhartiy Yog Sansthan Delhi |
| 23 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | Diabetes Management in Current COVID-19 Scenario |
| 24 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | Heart failure management in diabetic patients |
| 25 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Mindology |
| 26 | Dr.Ingale Vinod Chhaganrao | Assistant Professor | Recognition | Indian Academy of Pediatrics |
| 27 | Dr. Vajed Rahim Mogal | Assistant Professor | Recognition | Digital Dialouge |
| 28 | Dr.Gaike Chandrashekhar Vijay | Assistant Professor | Recognition | Mission Spine Foundation |
| 29 | Dr.Mande Shubhangi Arunrao | Professor | Recognition | Govt Medical College Aurangabad |
| 30 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | Maharashtra University of Helalth Science, Nashik |
| 31 | Dr.Rawte Suresh Sawliram | Associate Professor | Recognition | Maharashtra University of Helalth Science, Nashik |
| 32 | Dr.Rawte Suresh Sawliram | Associate Professor | Recognition | MUHS Nashik |
| 33 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | MASICON 2020 |
| 34 | Dr.Banashree Sau (Kundu) | Assistant Professor | Recognition | Plexus 2019 |

| | | | | |
|----|---------------------------------|---------------------|-------------|---|
| 35 | Dr.Bapat Gauri Nilkanth | Associate Professor | Recognition | FOGSI FORCE 2019-20 |
| 36 | Dr.Bapat Gauri Nilkanth | Associate Professor | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 37 | Dr.Bapat Gauri Nilkanth | Associate Professor | Recognition | Plexus 2019 |
| 38 | Dr.Bhale Chandrashekhar P | Professor & Head | Recognition | International CME in Oconpathology |
| 39 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | Plexus 2019 |
| 40 | Dr.Borde Neha Deepak | Assistant Professor | Recognition | CME in Oncopathology |
| 41 | Dr.Chaudhari Vishal Vishnu | Assistant Professor | Recognition | FOGSI FORCE 2019-20 |
| 42 | Dr.Chaudhari Vishal Vishnu | Assistant Professor | Recognition | CME on Newborn Screening |
| 43 | Dr.Deshmukh Ashish Ramchandra | Professor & Head | Recognition | IADVL- PCB Chapter |
| 44 | Dr.Deshmukh Ashish Ramchandra | Professor & Head | Recognition | IADVL- PCB Chapter |
| 45 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | NCYP-IPS 2019 |
| 46 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Indian Psychiatric Society - Western Zoanl Branch |
| 47 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Plexus 2019 |
| 48 | Dr.Deshpande Supriya Ashish | Assistant Professor | Recognition | Ophthalmogical Society Association Aurangabad |
| 49 | Dr.Gavhane Sunil Dnyanoba | Associate Professor | Recognition | Maharashtra State Chapter of National Neonatology Forum(SCNNF) |
| 50 | Dr.Gavhane Sunil Dnyanoba | Associate Professor | Recognition | Annual Convention of National Neonatology Forum |
| 51 | Dr.Gulanikar Aniruddha D | Associate Professor | Recognition | IADVL SIG Dermatosurgery Academy |
| 52 | Dr.Gulanikar Aniruddha D | Associate Professor | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 53 | Dr.Gulanikar Aniruddha D | Associate Professor | Recognition | DERMACON , PUNE 2020 |
| 54 | Dr.Gulanikar Aniruddha D | Associate Professor | Recognition | MGM Medical College and Hospital Aurangabad |
| 55 | Dr.Gulanikar Suvarna Anirudha | Assistant Professor | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 56 | Dr.Gurav Pallavi Ashokrao | Assistant Professor | Recognition | Plexus 2019 |

| | | | | |
|----|----------------------------------|---------------------|-------------|---|
| 57 | Dr.Jadhav Kunal Manikrao | Assistant Professor | Recognition | FOGSI FORCE 2019-20 |
| 58 | Dr.Joshi Bhavna Pramod | Tutor | Recognition | Plexus 2019 |
| 59 | Dr.Kachroo Neha | Senior Resident | Recognition | FOGSI FORCE 2019-20 |
| 60 | Dr.Kadam Savita Narayanrao | Associate Professor | Recognition | Plexus 2019 |
| 61 | Dr.Kulkarni Sadhana Sudhir | Professor & Head | Recognition | Plexus 2019 |
| 62 | Dr.Kulkarni Sadhana Sudhir | Professor & Head | Recognition | Indian Society of Anaesthesiologists |
| 63 | Dr.Kulkarni Sadhana Sudhir | Professor & Head | Recognition | CME on Paediatric Anaesthesia |
| 64 | Dr.Kulkarni Sudhir Gajanan | Professor & Head | Recognition | HSICON 2019 |
| 65 | Dr.Kulkarni Sudhir Gajanan | Professor & Head | Recognition | Indian Academy of Nephrology (IANCON 2019) |
| 66 | Dr.Marwale Arun Vishwambarrao | Professor | Recognition | SYNAPSE 2020 |
| 67 | Dr.Marwale Arun Vishwambarrao | Professor | Recognition | Indian Spsychiatric Society |
| 68 | Dr.Mishrikotkar Jyotika Prasanna | Professor & Head | Recognition | 34th Annual Conference of the Association of Maharashtra Ophthalmological Society |
| 69 | Dr.Panat Mangesh Prabhakar | Associate Professor | Recognition | 7th International Conference of Geriatric orthopaedic Societyof India |
| 70 | Dr.Pandav Amol Anantrao | Assistant Professor | Recognition | Plexus 2019 |
| 71 | Dr.Phadke Yogita Abhay | Assistant Professor | Recognition | Ophthalmological Society Association Aurangabad |
| 72 | Dr.Phatale Sangita Raghuvir | Professor | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 73 | Dr.Pole Shivaji Marotrao | Associate Professor | Recognition | 11th National Endovascular Workshop 2019 |
| 74 | Dr.Rachakatla Praveen Kumar | Assistant Professor | Recognition | CME in Oncopathology |
| 75 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | Plexus 2019 |
| 76 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 77 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | ALCOG 2020 Lucknow |

| | | | | |
|----|-------------------------------------|---------------------|-------------|--|
| 78 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | OBGYN SONOCON 2019 |
| 79 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | FOGSI Internation conference Saving Mothers |
| 80 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | FOGSI FORCE 2019-20 |
| 81 | Dr.Rajendra Shewale | Professor | Recognition | Plaster Technique Workshop |
| 82 | Dr.Rajendra Shewale | Professor | Recognition | Surgical Techniques in Orthopedics |
| 83 | Dr.Sanap Narayan Arjunrao | Senior Resident | Recognition | Plexus 2019 |
| 84 | Dr.Sangle Avinash Laxmanrao | Assistant Professor | Recognition | CME on Newborn Screening |
| 85 | Dr.Sasturkar Vasanti Mukund | Professor | Recognition | Indian Society of Anaesthesiologists city Branch Aurangabad |
| 86 | Dr.Sasturkar Vasanti Mukund | Professor | Recognition | Plexus 2019 |
| 87 | Dr.Sasturkar Vasanti Mukund | Professor | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 88 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | 34th Annual Conference of the Association of Maharashtra Obstetrics & Gynaecological Societies |
| 89 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | AMOGS2020 Amravati |
| 90 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | FOGSI FORCE 2019-20 |
| 91 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | Plexus 2019 |
| 92 | Dr.Shroff Gautam Ajit | Professor & Head | Recognition | Medical education & Skill Development Unit MGM Medical College Aurangabad |
| 93 | Dr.Siddiqui Mohd. Saeed Mohd. Siraj | Associate Professor | Recognition | MGM Medical College Aurangabad |
| 94 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | Minimally Invasive Liver Surgery 2019 |
| 95 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | Association of Minimal Access Surgeons of India |
| 96 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | D Y Patil Medical College Pune |
| 97 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | ZEN Hospital |
| 98 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | The Association of Surgeons of India |
| 99 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | Plexus 2019 |

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|-----|---|---------------------|-------------|---|
| 100 | Dr.Swati Poptani | PG Student | Recognition | 34th Annual Conference of the Association of Maharashtra Ophthalmological Society |
| 101 | Dr.Thakre Snehal Rhishikesh | Professor | Recognition | Ophthalmological Society Association Aurangabad |
| 102 | Dr.Thakre Snehal Rhishikesh | Professor | Recognition | 34th Annual Conference of the Association of Maharashtra Ophthalmological Society |
| 103 | Dr. Sanhita Kulkarni | Professor & Head | Recognition | Plexus 2019 |
| 104 | Dr. Sanhita Kulkarni | Professor & Head | Recognition | ISACC |
| 105 | Dr. Auna Karad | Assistant Professor | Recognition | IRIA Coutreach Program |
| 106 | Dr. Anjali Kale | Professor | Recognition | Arogya Maharashtra |
| 107 | Dr.Deshmukh Ashish Ramchandra | Professor & Head | Recognition | Dr. Vithalrao Vikhe Patil Foundations Medical College & Hospital Ahmednagar |
| 108 | Dr.Thakre Snehal Rhishikesh | Professor | Recognition | MGM Medical College & Hospital Aurangabad |
| 109 | Dr. Pradnya Deshmukh | Associate Professor | Recognition | Dr. Vikhe patil Hospital & Medical College Ahmednagar |
| 110 | Dr. Pradnya Deshmukh | Associate Professor | Recognition | MGM Medical College & Hospital Aurangabad |
| 111 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | Plexus 2019 |
| 112 | Dr.Chhabda Tejinder Singh Tirathpal Singh | Associate Professor | Recognition | MGMIHS, Navi Mumbai |
| 113 | Dr.Gadekar Girish Namdevrao | Professor & Head | Recognition | MGMIHS, Navi Mumbai |
| 114 | Dr.Rachkonda Lakshmi N | Professor & Head | Recognition | Maharashtra University of Helalth Science, Nashik |
| 115 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | Plexus 2019 |
| 116 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | NCYP-IPS 2019 |
| 117 | Dr.Siddiqui Mohd. Saeed Mohd. Siraj | Associate Professor | Recognition | Plexus 2019 |
| 118 | Dr.Jambure Rajesh Panditrao | Professor & Head | Recognition | Precision in Tertiary Dentition |
| 119 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | Smt Rukhminidevi Autism Foundation |
| 120 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | Pravara Institute of Medical Sciences Deemed University |
| 121 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Maharashtra Andhashraddha Nirmulan Samiti Aurangabad |

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|-----|---------------------------------|---------------------|-------------|---|
| 122 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Dr. Babasaheb Ambedkar Marathwada University Aurangabad |
| 123 | Dr.Jaybhaye Deepali Laxmanrao | Associate Professor | Recognition | Podar International School |
| 124 | Dr. Anjali Kale | Professor | Recognition | Deogiri Kanya Vidyalaya Aurangabad |
| 125 | Dr.Alimuddin Aminuddin Shaikh | Tutor | Recognition | Indian Pharmacological Society |
| 126 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | Indian Pharmacological Society |
| 127 | Dr.Bobde Jyoti Anil | Assistant Professor | Recognition | Indian Pharmacological Society |
| 128 | Dr.Shruti Amol Ubale | PG Student | Recognition | Indian Pharmacological Society |
| 129 | Dr. Chandra Shruti | Assistant Professor | Recognition | Indian Pharmacological Society |
| 130 | Dr.Jaybhaye Deepali Laxmanrao | Associate Professor | Recognition | Indian Pharmacological Society |
| 131 | Dr.Kadam Rajesh Digamberrao | Assistant Professor | Recognition | Indian Pharmacological Society |
| 132 | Dr.Sukhmeen Kaur | Tutor | Recognition | Indian Pharmacological Society |
| 133 | Dr. Ajeya Ukadgaonkar | PG Student | Recognition | Frontiers Meetings Ltd Scientific Org & Global Frontiers |
| 134 | Dr. Pradnya Deshmukh | Associate Professor | Recognition | MOS Webinar ROP Revisited |
| 135 | Dr.Kulkarni Sadhana Sudhir | Professor & Head | Recognition | MGM Medical College & Hospital Aurangabad |
| 136 | Dr. Navin Kumar Verma | Professor & Head | Recognition | MGM Institute of Health Science |
| 137 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | MGM Institute of Health Science |
| 138 | Dr.Mahajan Swati Manikrao | Professor | Recognition | Dr. Vasant P. Pawar Medical College Hospital & Research Centre Nashik |
| 139 | Dr.Bhosale Deepak Sadashiv | Professor & Head | Recognition | NIDA Clinical Trails Network |
| 140 | Dr.Gulanikar Suvarna Anirudha | Assistant Professor | Recognition | Plexus 2019 |
| 141 | Dr.Hivre Manjusha Damodar | Assistant Professor | Recognition | IP Innovative Publication Pvt. Ltd |
| 142 | Dr.Jadhav Kunal Manikrao | Assistant Professor | Recognition | 8th Annual Conference Maharashtra Chapter ISAR(MSR) |
| 143 | Dr.Sanap Narayan Arjunrao | Senior Resident | Recognition | MGMIHS, Navi Mumbai |
| 144 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | Vidharbha Surgical Society |

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|-----|---------------------------------|---------------------|-------------|---|
| 145 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | Vidharbha Surgical Association and ASN Webinar Series |
| 146 | Dr.Swapnil Modak | PG Student | Recognition | FOCUS 2019 |
| 147 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | MLUG Psychiatry Quiz 2019 |
| 148 | Dr.Marwale Arun Vishwambarrao | Professor | Recognition | MLUG Psychiatry Quiz 2019 |
| 149 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | Indian Psychiatric Society - Western Zonal Branch |
| 150 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | MGM Mother Teresa College of Nursing Aurangabad |
| 151 | Dr.Bhise Manik Changoji | Professor & Head | Recognition | VIHANG "SAKSHAM" |
| 152 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Mindmatter |
| 153 | Dr.Deshmukh Deepanjali Diliprao | Assistant Professor | Recognition | Indian Psychiatric Society - Western Zonal Branch |
| 154 | Dr.Gaike Chandrashekhar Vijay | Assistant Professor | Recognition | Ortho TV |
| 155 | Dr.Gaike Chandrashekhar Vijay | Assistant Professor | Recognition | MGM MCRI Hospital Aurangabad |
| 156 | Dr.Gulanikar Aniruddha D | Associate Professor | Recognition | Govt of Maharashtra Health Dept Regional Health & Family Welfare Training Center Aurangabad |
| 157 | Dr.Jambure Ashlesha Mahesh | Assistant Professor | Recognition | Narayana E- Techno, Aurangabad |
| 158 | Dr.Phatale Sangita Raghuvir | Professor | Recognition | MGM's Community Radio |
| 159 | Dr.Rathi Amey Jayant | Assistant Professor | Recognition | Decoding TMD - ICE |
| 160 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | FOGSI Clinicolegal Conference |
| 161 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | Association of Minimal Access Surgeons of India |
| 162 | Dr.Shripad Joshi | Assistant Professor | Recognition | Ortho Connect |
| 163 | Dr. Ajeya Ukadgaonkar | PG Student | Recognition | Edinburgh, Scotland |
| 164 | Dr. Madhuri Engade | Associate Professor | Recognition | Abbott |
| 165 | Dr.Shiradkar Swati Sudhir | Professor | Recognition | Safe Campus |
| 166 | Dr.Alimuddin Aminuddin Shaikh | Tutor | Recognition | Director of AYUSH Mumbai |
| 167 | Dr.Gulanikar Aniruddha D | Associate Professor | Recognition | Atogya Maharashtra State |

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|-----|--------------------------------|---------------------|-------------|---|
| 168 | Dr.Suryawanshi Pravin Rajendra | Professor & Head | Recognition | MGM College of journalism & Mass Communication |
| 169 | Dr.Suryawanshi Asmita Pravin | Associate Professor | Recognition | Society of Fetal Medicine |
| 170 | Dr.Jiten Kulkarni | Associate Professor | Recognition | Indian Association of Aesthetic Plastic Surgeons 2019 |
| 171 | Dr.Jiten Kulkarni | Associate Professor | Recognition | APSICON 2019 |
| 172 | Dr.Jiten Kulkarni | Associate Professor | Recognition | MGM Medical College and Hospital Aurangabad |
| 173 | Dr.Jiten Kulkarni | Associate Professor | Recognition | KLE Academy of Higher Education and Research |

Teachers awarded National / International fellowship for advanced studies/ research during year 2019-20

| National/ International | Name of the teacher awarded | Name of the Award | Awarding Agency |
|------------------------------------|--|---|---|
| International | Dr. Naveen Kasliwal | Breast Service | Memorial Sloan-Kettering Cancer Center, Newyork |
| International | Dr Mahesh Jambure | "Post Graduate Diploma in Clinical Endocrinology & Diabetes" | EACME |
| International | Dr. Siddiqui Mohd Saeed | Mindfulness- Based Stress Reduction | MBSR Moscow Idaho USA |
| International | Dr. Abhishek shinde | Adult Reconstructive Surgery of the Hip and Knee (2019) | American Academy of Orthopedic Surgeons |
| International | Dr. Mohd Haseeb Mohd Najeeb | ICH Good Clinical Practice E6 (R2) | The Global Health Training Centre |
| International | Dr. Amey Rathi | Fellowship on TMD or facial Pain & Dental Sleep Medicine | Roseman University, USA |
| International | Dr. Shruti Chandra | Corona virus 2019(COVID-19) | Massachusetts Medical Society (Harvard Medical School) |
| International | Dr. Varsha Kandewad | Diploma in Minimal Access Surgery (DIPMAS)- HPB Surgery | Transforming Professional Medical Education |
| National | Dr. Dhananjay Bhale | Fellowship in Clinical Nutrition | Medvarsity |
| National | Dr. Racharkonda Lakshmi | Fellowship | Indian College of Obstetrics & Gynecologist |
| National | Dr. Gauri Anand Dank | Fellowship in Operative Hysterectomy, Laparoscopy & Vaginal Surgeries | Sunrise Institute of Medical Science Pvt Ltd. Kochi |
| National | Dr. Farahanaz B. Irani | Fellowship in FSIESRP | The Society of Innovative Educationalist & Scientific Research Professional Chennai |
| National | Dr. Kadam Minal Ujwal | Fellowship in Minimally Invasive Gynecological Surgery | MGM Institute of Health Sciences |
| National | Dr. Vasanti Sasturkar | E- Learning Course | MEU India |
| National | Dr. Suvarna Magar | Basic Course in Biomedical Research | ICMR & National Institute of Epidemiology |

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|----------|--------------------------------|--|--|
| National | Dr. Mohd Saeed Siddiqui | Basic Course in Biomedical Research | ICMR & National Institute of Epidemiology |
| National | Dr. Deepanjali Deshmukh | Basic Course in Biomedical Research | ICMR & National Institute of Epidemiology |
| National | Dr. Gokani Nikunj | Basic Course in Biomedical Research | ICMR & National Institute of Epidemiology |
| National | Dr. Praveen Godara | Basic Course in Biomedical Research | ICMR & National Institute of Epidemiology |
| National | Dr. Meera Mahajan | Managing Online Classes and Co- Creating MOOC:2.0 | Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching |
| National | Dr. Meera Mahajan | Open Source Tools for Research | Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching |
| National | Dr. Sadhana Kulkarni | Global Coalition Webinar on COVID 19 - The Pandemic | A Global Coalition Webinar Series (Smiths Medical) |
| National | Dr. Sanjay gudgetwar | Training on Molecular Techniques in Clinical Laboratory | 360 Diagnostic & Health Services Pvt. Ltd |
| National | Dr. Sawati Shiradkar | Learning Objectives Vs Learning Outcomes in Medical/ Health Sciences Education | Sri Ramachandra Institute of Higher Education & Research |
| National | Dr. R. Praveen Kumar | Post Doctoral Course in Gastrointestinal and Hepatic Pathology | Indian College of Pathologists |
| National | Dr. Nelanuthala Madhurasree | Diplomate of National Board (DNB) | National Board of Examinations |
| National | Dr. Deepak Bhosle | Good Clinical Practices | NIDA Clinical Trial Network |
| National | Dr. Asmita Suryawanshi (Kadam) | Fellowship in Fetal Medicine Training Programme | ScholarMD EDVENT |
| State | Dr. Alimuddin Aminuddin Shaikh | AYUSH Doctor for Novel Corona Virus (COVID 2019) | Director of AYUSH Mumbai |
| State | Dr. Siddiqui Mohd Saeed | Advance Course in Medical Education | SETH GS Medical College & KEM Hospital Mumbai |

New Collaboration 2019-20

| Nature of Activity | Participant | Source of financial support |
|--|-------------|------------------------------------|
| To collect & manage data pursuant to study protocol & Rotassil vaccine intussusception Surveillance in Kerala, Karnataka, Maharashtra, Gujarat state | 1 | Christian Medical College, Vellore |
| Survey to collect voice samples of patients and age matched healthy individuals. | 2 | Quest / Sonde |
| A Comparative, Randomized, Two Arm, Double Blind, Parallel Group, Multicentric, Phase III Clinical Study to Evaluate the Efficacy, Safety and Tolerability of Netarsudil Ophthalmic Solution 0.02% w/v Versus Timolol Maleate Eye Drops 0.5% w/v in treatment of elevated intraocular pressure (IOP) in subjects with open angle glaucoma or ocular hypertension. | 2 | Mediclin Clinical Research |
| A Randomized Open-Label Study to Evaluate the Efficacy and Safety of Favipiravir And Umifenovir As Compared to Favipiravir Alone in Moderate Hospitalized Adult Indian COVID-19 Patients | 2 | Glenmark |
| A Prospective, Multicenter, Randomized, Double-Blind, Phase 3 Study to Evaluate the Safety and Efficacy of a Gel Formulation of Esmolol Hydrochloride (Galnobax®) in Treating Diabetic Foot Ulcers. | 2 | Novalead Pharma / JSS |
| A Prospective, Double-blind, Randomization Parallel – Group, Vehicle-Controlled, Multicenter Study to Evaluate the Safety and Bioequivalence of Mupirocin Cream USP2% (Supplied by: Glasshouse Pharmaceuticals Limited Canada) using Mupirocin Cream USP2% (Manufactured by: Glenmark Pharmaceuticals Inc; USA) as a Reference Product, in Subjects with Secondarily Infected Traumatic Skin Lesion. | 2 | JSS/Glasshouse |
| A Multicentric, Randomized, Open Label clinical trial to evaluate efficacy and safety of Tapentadol Nasal Spray in comparison to Tramadol Immediate Release Capsule and intravenous injection in Patients with Post-Operative Moderate to Severe Pain. | 2 | Torrent/SIRO/Grapecity |
| A Randomized, Open-label, Prospective, Comparative, Multi-centre, Parallel group, Active controlled, Phase III Study to Evaluate the Efficacy and Safety of the Ropivacaine Readyfusor 2mg/ml versus Ropivacaine Balloon Pump Infusor 2mg/ml as a continuous surgical site infusion for the Treatment of Post-Surgical Pain in lower abdominal laparotomy. | 2 | JSS / CIPLA |

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| <p>A Phase III, Multicentre, Randomized, Double Blind, Parallel group, Comparative Clinical Study to evaluate Efficacy and Safety of Ropivacaine Hydrochloride 0.75% (7.5mg/mL) in Dextrose 8% (80mg/mL) injection compared to Bupivacaine Hydrochloride 0.5% (5mg/mL) in Dextrose 8% (80mg/mL) injection for subjects undergoing lower limb orthopaedic surgeries under spinal anesthesia</p> | <p>2</p> | <p>Neon</p> |
| <p>Multi centre cross sectional epidemiological study to characterize the prevalence and distribution of lipoprotein (a) levels among patient with established cardiovascular disease</p> | <p>2</p> | <p>Novartis /Ardent</p> |
| <p>A multicenter, phase III, double-blind, randomized, placebo-controlled study to evaluate the efficacy of recombinant BCG VPM1002 in reducing infection incidence and disease severity of sars-cov-2/covid-19 among high-risk subjects.</p> | <p>2</p> | <p>Serum Institute of India Pvt. Ltd</p> |
| <p>A Randomized, Open Label, Parallel Efficacy, Active Control, Multi- Centre Exploratory Drug Trial to Evaluate Efficacy and Safety of an Ayurvedic Formulation- II (SanshamaniVati Plus) as Adjunct Treatment to Standard of Care for the management of Mild to Moderate COVID-19 Patients”.</p> | <p>2</p> | <p>AYUSH CSIR / Ardent Clinical research Services</p> |
| <p>A Randomized, Open Label, Parallel Efficacy, Active Control, Multicentre Exploratory Drug Trial to Evaluate Efficacy and Safety of an Ayurvedic Formulation-3 as Adjunct Treatment to Standard of Care for the management of Mild to Moderate COVID-19 Patients.</p> | <p>2</p> | <p>AYUSH CSIR / Ardent Clinical research Services</p> |
| <p>SMO /CRO</p> | <p>12</p> | <ul style="list-style-type: none"> - Ardent Clinical Research Services - Biosphere Clinical Research Pvt Ltd - Q-RED Clinical Research Services - Grapecity Research Services - DOCLIN Clinical Research Services - NMC Services |

Faculty Development Program organized by department during 2019-20

| Sr No | Type | Title of the professional development program | Organized By | Department | Date | No. of Participant |
|-------|------------|---|---|----------------------|-------------------------|--------------------|
| 1 | Conference | PULMONA R - 2019 | Department of Respiratory Medicine MGM Medical College & Hospital, Aurangabad | Respiratory Medicine | 28.09.2019 - 30.09.2019 | 85 |
| 2 | Conference | PLEXUS | Department of IQAC, MGM Medical College, Aurangabad | IQAC | 26.08.2019 - 28.08.2019 | 712 |
| 3 | Conference | Sonocon | Department of OBGY, MGM Medical College, Aurangabad | OBGY | 13.12.2019 - 15.12.2019 | 500 |
| 4 | Conference | MENTCON 2019 | Department of ENT, MGM Medical College & Hospital, Aurangabad | ENT | 28.11.2019 - 01.12.2019 | 900 |
| 5 | Conference | GOSICON 2019 | Department of Orthopedics, MGM Medical College & Hospital, Aurangabad | Orthopedics | 07.09.2019 - 09.09.2019 | |
| 6 | CME | IADVL National Vitiligo E-Symposium | Department of Dermatology, MGM Medical College & Hospital, Aurangabad | Dermatology | 2020-June | |
| 7 | CME | Electrocardiography for Physicians | MGM Medical College & Hospital, Aurangabad | MGMMCA | 07.02.2020 | 150 |
| 8 | CME | "ECG IN CLINICAL PRACTICE" | Department of Medicine, MGM Medical College & Hospital, Aurangabad | Medicine | 07.02.2020 - 08.02.2020 | 93 |
| 9 | CME | CME on Clinical Scenarios in Daily Practice | Department of Ophthalmology, MGM Medical College & Hospital, Aurangabad | Ophthalmology | 08.03.2020 | 184 |
| 10 | CME | 10th International CME in Oncopathology | Department of Pathology, MGM Medical College & Hospital, Aurangabad | Pathology | 2020-February | |
| 11 | CME | Rare Disease | Department of Pediatrics, MGM Medical College & Hospital, Aurangabad | Pediatrics | 01.02.2020 | 100 |
| 12 | CME | Basic SGLT2 inhibitors & Trials. | Department of Medicine, MGM Medical College & Hospital, Aurangabad | Medicine | 17.09.2019 | 51 |

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|----|----------|--|--|--------------------|----------------|-----|
| 13 | CME | Neonatal Screening | Department of OBGY & Pediatrics, MGM Medical College & Hospital, Aurangabad | OBGY & Pediatrics | 27.09.2019 | 70 |
| 14 | CME | Perinatology Meet | Department of OBGY MGM Medical College & Hospital, Aurangabad | OBGY | 2019-August | 45 |
| 15 | CME | New Born Screening | Department of Pediatrics & OBGY MGM Medical College & Hospital, Aurangabad | Pediatrics & OBGY | 27.09.2019 | 100 |
| 16 | CME | On basic SGLT2 Inhibitors & trails. | Department of Medicine, MGM Medical College & Hospital, Aurangabad | Medicine | 17.09.2019 | 51 |
| 17 | Workshop | "Basic in Ventilation" a) Basics in Ventilation b) Respiratory Failure c) Mechanical Ventilation d) Troubleshoot in Ventilator | Department of Medicine, MGM Medical College & Hospital, Aurangabad | Medicine | 21.01.2020 | 40 |
| 18 | Workshop | Psychiatry ward & opd visit | Department of Psychiatry, MGM Medical College & Hospital, Aurangabad | Psychiatry | 2020-March | 17 |
| 19 | Workshop | Hands on Workshop on Suturing, Knotting, Lap. Suturing | Department of Surgery, MGM Medical College & Hospital, Aurangabad | Surgery | 2020-January | 34 |
| 20 | Workshop | Medical Officers of Aurangabad District Topic: Modified Case Based MR Surveillance | Department of Community Medicine, MGM Medical College & Hospital, Aurangabad | Community Medicine | 11.10.2019 | |
| 21 | Workshop | PLEXUS | Department of IQAC, MGM Medical College, Aurangabad | IQAC | 26.08.2019 | 68 |
| 22 | Workshop | EAGLE Project- PG | Department of OBGY, MGM Medical College, Aurangabad | OBGY | 2019-November/ | 25 |

| | | Tarining in Endoscopy | | | December | |
|----|------------------|--|--|--------------------|-------------------------|---------|
| 23 | Workshop | Vaccine preventable disease workshop | Department of Pediatrics, MGM Medical College & Hospital, Aurangabad | Pediatirrcs | 2019 | |
| 24 | Workshop | Revised Measles Rubella Case based survillence | Department of Community Medicine, MGM Medical College & Hospital, Aurangabad | Community Medicine | 2019-October | |
| 25 | Workshop | Hands on Workshop on Suturing, Knotting, Lap. Suturing | Department of Surgery, MGM Medical College & Hospital, Aurangabad | Surgery | 2020-January | 34 |
| 26 | Seminar | Revised Parameters of Assesment and accreditation of Health Science institutions | Department of IQAC, MGM Medical College, Aurangabad | IQAC | 2020-January | |
| 27 | Seminar | Seminar on USMLE Guidance and Career Opportunitie s in United States | Department of IQAC, MGM Medical College, Aurangabad | IQAC | 17.10.2019 | |
| 28 | Seminar | Rang Manache | MGM Medical College Aurangabad & JNEC Aurangabad | MGMMCA | 2019-August | 600 |
| 29 | Seminar | Yoga for Building resilience Amongst Doctors | Department of Psychiatry MGM Medical College & Hospital, Aurangabad | Psychiatry | 2019-August | 250-300 |
| 30 | Symposium | Breast feeding week | Department of OBGY MGM Medical College & Hospital, Aurangabad | OBGY | 01.08.2019 - 07.08.2019 | 40-50 |
| 31 | Training Program | BLS and first aid | MET and Department of Skill Development, MGM Medical College, Aurangabad | MET | 2020-February | 22 |
| 32 | Training Program | ACLS | MET and Department of Skill Development, MGM Medical College, Aurangabad | MET | 2020-February | 127 |

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|----|------------------|--|--|-------------------------|--------------------|-----|
| 33 | Webinar | Webinar | Department of Surgery, MGM Medical College & Hospital, Aurangabad | Surgery | 2019- November | 26 |
| 34 | Guest Lecture | Introduction to dermatopath ology | Department of Dermatology, MGM Medical College & Hospital, Aurangabad | Dermatology | 2020- January | |
| 35 | Guest Lecture | Tuberculosis | Department of Microbiology, MGM Medical College & Hospital, Aurangabad | Microbiology | 01.09.2019 | 68 |
| 36 | Guest Lecture | MDR tuberculosis - laboratory perspective | Department of Microbiology, MGM Medical College & Hospital, Aurangabad | Microbiology | 29.01.2020 | 9 |
| 37 | Guest Lecture | Hospital Infection control | Department of Microbiology, MGM Medical College & Hospital, Aurangabad | Microbiology | 29.01.2020 | 168 |
| 38 | Guest Lecture | Poisonous Pathogens | Department of Microbiology, MGM Medical College & Hospital, Aurangabad | Microbiology | 31.01.2020 | 9 |
| 39 | Guest Lecture | Notifiable diseases and Identification and handling of Outbreaks | Department of Microbiology, MGM Medical College & Hospital, Aurangabad | Microbiology | 25.02.2020 | 18 |
| 40 | Guest Lecture | Guest lecture on Corona virus - Update | Department of Microbiology, MGM Medical College & Hospital, Aurangabad | Microbiology | 06.03.2020 | 176 |
| 41 | Guest Lecture | Molecular Genetics | Department of Pediatrics, MGM Medical College & Hospital, Aurangabad | Pediatircs | 01.01.2020 | 60 |
| 42 | Guest Lecture | Medical Journalism and Challenges | Student Welfare Cell, MGM Medical College, Aurangabad | Student Welfare Cell | 09.10.2019 | |
| 43 | Guest Lecture | MBBS | Department of Biochemistry MGM Medical College & Hospital, Aurangabad | Biochemistry | 2019- September | 150 |
| 44 | Guest Lecture | MBBS | Department of Biochemistry MGM Medical College & Hospital, Aurangabad | Biochemistry | 2019- September | 150 |
| 45 | Guest Lecture | Emotional Intelligence | Department of Biochemistry MGM Medical College & Hospital, Aurangabad | Biochemistry | 2019- December | 80 |
| 46 | Guest Lecture | Nuclear medicine applications | Department of Medicine MGM Medical College & Hospital, Aurangabad | Medicine | 16.07.2019 | 27 |

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|----|----------------------|--|---|----------------------|-------------------------|---------------------|
| | | by Dr. Prathmesh Joshi | | | | |
| 47 | Guest Lecture | Recent Endovascular advances in stroke management | Department of Medicine MGM Medical College & Hospital, Aurangabad | Medicine | 01.08.2019 | 20 |
| 48 | Guest Lecture | Acid base balance | Department of Medicine MGM Medical College & Hospital, Aurangabad | Medicine | 09.09.2019 | 14 |
| 49 | Guest Lecture | Guest Lecture by Maya Sonawane | Department of Microbiology MGM Medical College & Hospital, Aurangabad | Microbiology | 04.09.2019 | 126 |
| 50 | Guest Lecture | Measles Rubella Surveillance | Department of Pediatrics MGM Medical College & Hospital, Aurangabad | Pediatircs | 2019-September | 40 |
| 51 | Guest Lecture | Retinopathy of Prematurity | Department of Pediatrics MGM Medical College & Hospital, Aurangabad | Pediatircs | 2019-August | 40 |
| 52 | Guest Lecture | Lecture on Coloposcopy | Department of OBGY MGM Medical College & Hospital, Aurangabad | OBGY | 18.07.2019 | 22 |
| 53 | Guest Lecture | "Interventional Radiology for Physicians" | Department of Medicine, MGM Medical College & Hospital, Aurangabad | Medicine | 07.12.2019 | 22 |
| 54 | Guest Lecture | Guest Lecture on Dissertation Writing by Dr. P.Y. Mulay | Department of IQAC & MET Cell, MGM Medical College & Hospital, Aurangabad | IQAC & MET | 12.07.2019 | |
| 55 | Induction Program | Induction Programme for COVID 19, Faculty, residents & Intren. | MGM Medical College & Hopsital, Aurangabad | MGMMCA | 28.03.2020 & 30.03.2020 | |
| 56 | PG Academic Programe | FORCE PG Training Programe | Department of OBGY MGM Medical College & Hospital, Aurangabad | OBGY | 14.09.2019 - 15.09.2019 | 145 PG 235 Deligate |
| 57 | Quiz | Respiratory Medicine | Department of Respiratory Medicine MGM Medical | Respiratory Medicine | 25.06.2019 | 210 |

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| | | | College & Hospital, Aurangabad | | | |
|----|------------------|--|--|-------------------------|------------------|-------|
| 58 | Quiz | Respiratory Medicine | GMC & Department of Respiratory Medicine MGM Medical College & Hospital, Aurangabad | Respiratory Medicine | 21.07.2019 | 25 |
| 59 | Quiz | Marathwada level undergradua te Psychaitry Quiz | Department of Psychiatry MGM Medical College & Hospital, Aurangabad | Psychiatry | 28.09.2019 | 30 |
| 60 | Quiz | 32nd IAP Quiz for Undergradua tes Divisional Round conducted by | Department of Pediatrics | Pediatrics | 29.08.2019 | |
| 61 | Clinical Meet | Clinical Meet | Department of OBGY, MGM Medical College & Hospital, Aurangabad | OBGY | 2020- January | 50-60 |

Conference / CME / Workshop/ Training Programme



CME on Acute Flacid Paralysis (AFP) Department of Community Medicine & Pediatric
Date: 20th June 2019



Plexus 2019 National UG Conference Inauguration
Date: 27.08.2019



Plexus 2019 National UG Conference Valedictory Date: 28.08.2019





GOSICON 2019 International Conference. Organized by Dept. of Orthopedics. Date: 07. 08 & 09 September 2019



Inaugural Function of Lasik Machine
Dept. of Ophthalmology
Dr. P.M. Jadhav Sir & Shri A.N. Kadam Sir
Date: 11.09.2019





State Level ENT Conference MENTCON 2019 held in MGM MCA
Date: 28.11.2019 to 30.11.2019



PULMONAR 2019 – Annual Conference By Department of Pulmonary Medicine
Date: 28.09.2019 & 29.09.2019



State level CME- On “CLINICAL SCENARIOS IN DAILY PRACTICE” Organized by - Dept of Ophthalmology – MGM Medical college & Hospital, Aurangabad under the Aegis of Maharashtra Ophthalmological Society in association with Aurangabad Ophthalmological Association Date: 09/03/2020



International Yoga Day Date: 21.06.2019



Full Day Training Workshop for all Medical Officers of Aurangabad District
Topic: Modified Case Based MR Surveillance
Organized by Public Health Department Aurangabad, Government of Maharashtra, WHO and Community Medicine, MGM MCA



Alumni Association
Appreciation Ceremony - Date: 22.11.2019
30% of Faculties are our Alumni

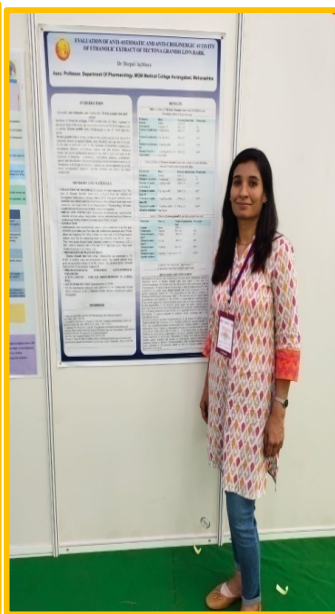
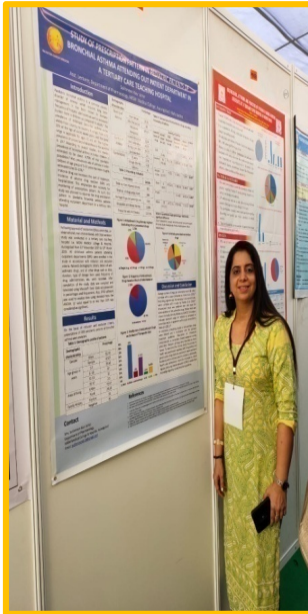
Faculty Awards



Dr. Pravin Suryawanshi: First Prize and Dr C. Palanivelu Gold Medal Award for the Video on Laparoscopic Management of Left Adrenal Tumour with Intraluminal extension into left renal vein”

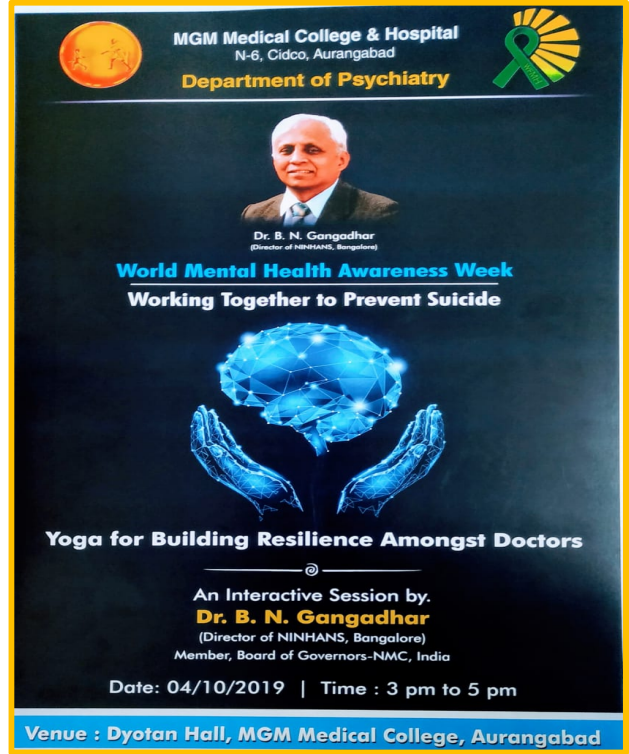


National Assessor for Effective Vaccine Management EVM, Project by GOI and UNICEF
Dr. Swati Mahajan, Dept. of Community Medicine
Date: 23.06.2019



Presented Posters in International Conference IPSCON held in Hyderabad, Department of Pharmacology
Date: 04 to 07 December 2019

Guest Lectures



World Mental Health Awareness Week
 Dr. B.N. Gangadhar, Director NIMHANS Bangalore and Member, Board of Governors MCI.
 Delivered a Guest Lecture "Yoga for Resilience in Doctors " Date: 04.10.2019



Dr. Pravin Suryavanshi Delivered a Guest Lecture on POEM in 14th International Congress AMACICON 2019, Nagpur, In Recognition for the 50 plus POEM Procedures Perform successfully Department of Surgery Date: 12/11/2019



Delivered Lecture at Fogsi International Conference "Saving Mothers" In Gorakhpur
 Dr. Lakshmi Rachakonda, Dept. of OBGY
 Date: 02.08.2019

MGM IHS ANNUAL REPORT 2019-20
Students Activities



Breastfeeding Week Celebration at Ellora, PHC
 Department of Community Medicine
 Date: 02.08.2019



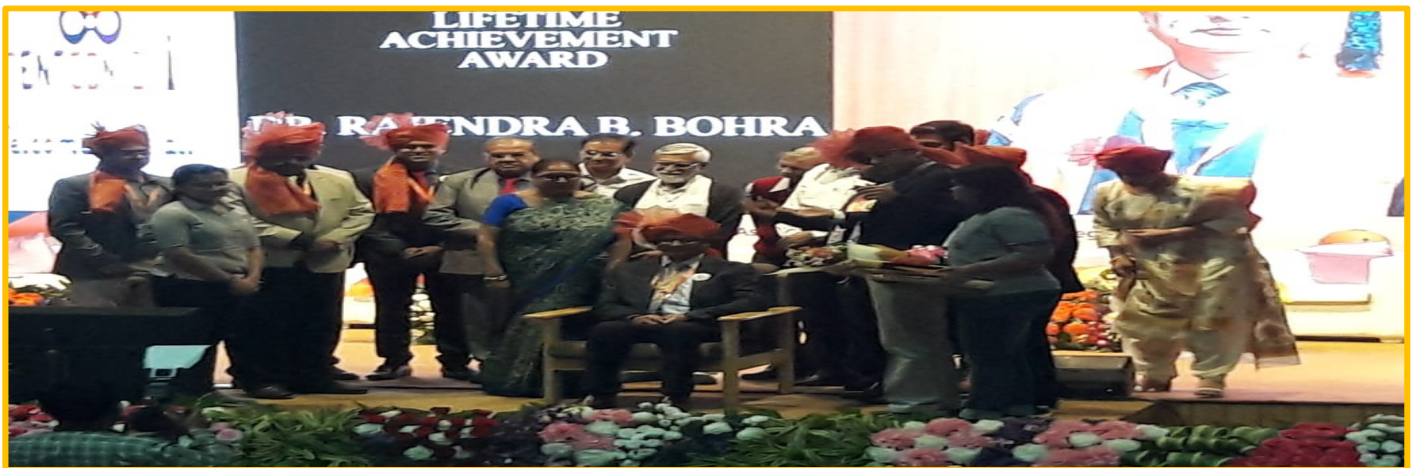
Swachh Bharat Internship - 2019



Foundation Day Celebrations Date: 20.12.2019



NATURE TREK UG & PG Students & Faculty
 Location : Hiranya Resort & Back – 10 KM



Dr. Rajendra Bohra, Dean, MGM MCA, LIFETIME ACHIEVEMENT AWARD, In 51st State ENT Conference MENTCON 2019, Date: 02.12.2019



World AIDS Day- Awareness Campaign at PHC Daulatabad Department of Community Medicine, Date: 4.12.2019



Activities for Children on Cancer Treatment Date: 27.11.2019



International Children Cancer Day 2019



Department of Pediatrics and Neonatology, Conducted Prematurity Awareness Programme with "1000 Grams Club", Attended by Faculties of Pediatrics, OBGY & Ophthalmology, Residents, Nursing Staff of Pediatrics and Parents Date: 28.12.2019



Multi Diagnostic Camp, At Bhadra Maruti Sansthan, Khultabad, Dist. Aurangabad, Department of Community Medicine Date: 24.08.2019

MGM SCHOOL OF PHYSIOTHERAPY, NAVI MUMBAI

MGM School of Physiotherapy, Navi Mumbai 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 programs. The institution is equipped with infrastructure necessary for Physiotherapy education.

MGM School of Physiotherapy is a growing institution which pledges to train globally competent Physiotherapists who can deliver state of the art services for patient care. The Institute focuses on research through graduate, post graduate and doctoral programs.

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 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 standards.

.....

To wipe every tear from every eye

Mahatma Gandhi

Message from the Director

Dr. Rajani Mullerpatan (PhD, M.ScPT)

Professor & 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.



COURSES

| Course | Duration In years | Academic Year | Intake | Admissions |
|--------------------------------------|-------------------|---------------|--------|------------|
| Bachelor of Physiotherapy BPT (CBCS) | 4-1/2 | 2019-2020 | 100 | 99 |
| Master of Physiotherapy MPT (CBCS) | 2 | 2019-2020 | 12 | 10 |
| PhD | 3 | 2019-2020 | - | 1 |

Bachelor of Physiotherapy (BPT) programme

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

Master of Physiotherapy (MPT) Programme

The full time Master's Degree programme of two years' duration focuses on gaining advanced knowledge and exclusive Physiotherapeutic skills in 5 specialty programmes based on 5 clinical specialties.

Specialties:

- Master of Musculoskeletal Physiotherapy
- Master of Neuro Physiotherapy
- Master of Cardiovascular and Respiratory Physiotherapy
- Master of Community Physiotherapy
- Master of Sports Physiotherapy

Both BPT and MPT programs are recognized by **Maharashtra State Council for Occupational Therapy and Physiotherapy (MSOTPT)**

Doctor of Philosophy (PhD): PhD program in Physiotherapy commenced in 2010. Currently 3 students enrolled in PhD program are working on research projects at MGM School of Physiotherapy, Navi Mumbai.

Teaching Faculty:

| Sr. No. | Designation | Staff Strength | |
|---------|------------------------------|---------------------------|-------------------|
| | | Requirement as per MSOTPT | Actual (Existing) |
| 1. | Professor | 6 | 03 |
| 2. | Associate Professor | 10 | 02 |
| 3. | Assistant Professor/Lecturer | 17 | 14 |

Details of Teaching Faculty:

| Sr. No. | Name of the Full time teacher | Designation | Date of Appointment | Specialty |
|---------|-------------------------------|----------------------|---------------------|--|
| 1. | DrRajaniMullerpatan | Professor & Director | 01-Jul-08 | Musculoskeletal Physiotherapy |
| 2. | Dr Meruna Bose | Professor | 29-Jun-10 | Neuro Physiotherapy |
| 3. | Dr Bela Agarwal(PT) | Professor | 09-Apr-12 | Cardiovascular & Respiratory Physiotherapy |
| 4. | Dr Amrita Ghosh (PT) | Associate Professor | 03-Oct-19 | Neuro Physiotherapy |
| 5. | Dr Triveni Shetty(PT) | Associate Professor | 03-Aug-15 | Neuro Physiotherapy |
| 6. | DrRuturaj Shete (PT) | Assistant Professor | 17-Jul-17 | Musculoskeletal Physiotherapy |
| 7. | DrMamta S Shetty (PT) | Assistant Professor | 07-Oct-17 | Musculoskeletal Physiotherapy |
| 8. | Dr Shrutika Parab (PT) | Assistant Professor | 07-Oct-17 | Neuro Physiotherapy |
| 9. | DrJuhiBharnuke (PT) | Assistant Professor | 07-Oct-17 | Musculoskeletal Physiotherapy |
| 10. | Dr Pradnya Girdhar (PT) | Assistant Professor | 07-Oct-17 | Musculoskeletal Physiotherapy |
| 11. | Dr. Rucha Pradhan (PT) | Assistant Professor | 01-Mar-19 | Musculoskeletal Physiotherapy |
| 12. | Dr.Anisha Gulati (PT) | Assistant Professor | 26-Aug-19 | Musculoskeletal Physiotherapy |
| 13. | Dr. Pooja Dogra (PT) | Assistant Professor | 11-Jun-19 | Neuro Physiotherapy |
| 14. | Dr. Jennifer D'souza (PT) | Assistant Professor | 26-Aug-19 | Neuro Physiotherapy |
| 15. | Dr. Yashasree Karanjkar (PT) | Assistant Professor | 26-Aug-19 | Musculoskeletal Physiotherapy |

| | | | | |
|----|---------------------------|---------------------|-----------|--|
| 16 | Dr. Payal Murkudkar (PT) | Assistant Professor | 01-Mar-19 | Cardiovascular & Respiratory Physiotherapy |
| 17 | Dr. Bhoomika Sawant (PT) | Assistant Professor | 26-Aug-19 | Cardiovascular & Respiratory Physiotherapy |
| 18 | Dr. Hiranmayee Bagwe (PT) | Assistant Professor | 01-Mar-19 | Cardiovascular & Respiratory Physiotherapy |
| 19 | Dr. OmeshreeNagrle (PT) | Assistant Professor | 19-Mar-20 | Community Physiotherapy |

DETAILS OF NON-TEACHING PERSONNEL OF THE INSTITUTION:

| Sr. No. | Name of Institution | Name of Employee | |
|---------|--|------------------|--------|
| | | Sanctioned | Filled |
| 1. | MGM School of Physiotherapy, Navi Mumbai | 0 4 | 04 |

NUMBER OF FACULTY DEVELOPMENT PROGRAMMES ORGANIZED BY THE COLLEGE DURING THE LAST FIVE YEARS:

| Sr. No. | Name of Institution | Seminar/ Workshops/ Symposia On Curricular Development, Teaching- Learning, Assessment Etc. |
|---------|------------------------|---|
| | | 2019-20 |
| 1. | MGM Skills Lab, MGMIHS | AHA BLS (Provider) Course |
| 2. | MGMIHS, Navi Mumbai | Basic Workshop in Research Methodology |
| 3. | MGM SOP, Navi Mumbai | Workshop on “Shaping of Ideas for Innovation” |
| 4. | MGM SOP, Navi Mumbai | Infection control training |
| 5. | MGM SOP, Navi Mumbai | Covid-19 training |
| 6. | MGM SOP, Navi Mumbai | E-Training for online teaching and evaluation |
| 7. | MGM SOP, Navi Mumbai | Online training for photography and film making |
| 8. | MGM SOP, Navi Mumbai | Webinar on Post Covid-19 Rehabilitation |
| 9. | MGM SOP, Navi Mumbai | Webinar on World Alzheimer’s Day 2020 |

| Sr. No. | Faculty Name | Designation | Programme/Training Attended |
|---------|------------------------|----------------------|---|
| 1 | Dr Rajani Mullerpatan | Professor & Director | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 Workshop on "Shaping of Ideas for Innovation", Basic Workshop in Research Methodology |
| 2 | Dr Meruna Bose | Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation |
| 3 | Dr Bela Agarwal(PT) | Associate Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020, Workshop on "Shaping of Ideas for Innovation", Basic Workshop in Research Methodology |
| 4 | Dr Amrita Ghosh (PT) | Associate Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 5 | DrRuturaj Shete (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 6 | Dr Triveni Shetty(PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020, Workshop on "Shaping of Ideas for Innovation", Basic Workshop in Research Methodology |
| 7 | DrMamta S Shetty (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 8 | Dr Shrutika Parab (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 9 | DrJuhiBharnuke (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020, Workshop on "Shaping of Ideas for Innovation", Basic Workshop in Research Methodology |
| 10 | Dr. Rucha Pradhan (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |

| | | | |
|----|-----------------------------|---------------------|--|
| 11 | Dr.Anisha Gulati (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 12 | Dr. Pooja Dogra (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 13 | Dr. Jennifer D'ouza (PT) | Assistant Professor | Infection control training, Covid-19 training |
| 14 | Dr. YashasreeKinjarkar (PT) | Assistant Professor | Infection control training, Covid-19 training |
| 15 | Dr. Payal Murkudkar (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 16 | Dr. Bhoomika Sawant (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |
| 17 | Dr. Hiranmayee Bagwe (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020, Online training for photography and film making. |
| 18 | Dr. OmeshreeNagrle (PT) | Assistant Professor | Infection control training, Covid-19 training, E-Training for online teaching and evaluation, Webinar on Post Covid-19 Rehabilitation, Webinar on World Alzheimer's Day 2020 |

ONGOING / COMPLETED RESEARCH PROJECTS:

| Sr.No. | Name of Institution | Ongoing | Completed |
|--------|--|------------------------|---------------------|
| 1 | MGM School of Physiotherapy, Navi Mumbai | UG- 16 PG-9, PhD- 3 | UG-14, PG-8, PhD: 0 |

RESEARCH PUBLICATIONS:

| Name of Institution | International Journals | National Journals/ Referred Papers | University / College Journals | Books | Abstracts | Awards, Recognition, Patents Etc. |
|---|---|------------------------------------|---|-------------------------|-------------------------|--|
| MGM School of Physiotherapy, Navi Mumbai | 10 | 2 | - | 1 booklet, 2 guidelines | - | Copyright: 16 (Registered: 11, Applied: 5) |
| Name of the Teacher/ Student | Subject of paper | | Name of Journal | Year of Publication | National/ International | |
| Meruna Bose, Shrutika D. Parab, Samidha M. Patil, Nehal A. Pandey, Gargi V. Pednekar, Sarabjyot Singh Saini | Exploring Spinal Muscular Atrophy and its Impact on Functional Status: Indian Scenario | | Indian Journal of Public Health | 2019 | National | |
| ShrutikaParab, Meruna Bose, Sakina Shayer, Ramandeep Kaur Saini, Madhura Salvi, Pooja Ravi, Prajakta Sawant | Effect of Bharatnatyam-based Dance Therapy in Children and Adolescents with Down Syndrome | | Clinical Kinesiology | 2019 | International | |
| Mamta Shetty, Sharon B, Rajani Mullerpatan | Grip and Pinch Strength: Reference values for children and adolescents from India | | Journal of Paediatric Rehabilitation Medicine | 2019 | International | |
| Apoorva Dighe, Meruna Bose, ShrutikaParab | Influence of variation in seat surface inclination on trunk muscle recruitment and reaching ability in children with spastic cerebral palsy | | International Journal of Physiotherapy and Occupational Therapy | 2019 | International | |

| | | | | |
|--|--|--|------|---------------|
| Rajani Mullerpatan, Triveni Shetty, Sailakshmi Ganesan, Ashok Johari | Review of lower extremity function following SEMLS in children with cerebral palsy | Critical Reviews™ in Physical and Rehabilitation | 2019 | International |
| Rajani Mullerpatan, Pradnya Girdhar, Yuvraj Singh, K R Salgotra, Adam Wilkey, Margareta Nordin | Evidence-based management of spine pain disorders among underserved people in Navi Mumbai, India: A two-year observation report. | Critical Reviews™ in Physical and Rehabilitation | 2019 | International |
| Rajani Mullerpatan, Megha Sonkhia, Blessy Thomas, Swagatika Mishra, Abhishek Gupta, Bela Agarwal | Review of Contextual Factors Influencing Function Following Lower Extremity Amputation in Low to Middle Income Countries | Critical Reviews™ in Physical and Rehabilitation | 2019 | International |
| Juhi Bharnuke, Rajani Mullerpatan | Evaluation of Standing Balance Performance in Indian Classical Dancers | Journal of Dance Medicine and Science | 2020 | International |
| Tanochni Mohanty, Dhruv Mehta, Rajani Mullerpatan, Bela Agarwal | Cardio-respiratory endurance, flexibility and lower-extremity muscle strength in children and adolescents with cerebral palsy | Critical Reviews™ in Physical and Rehabilitation | 2020 | International |
| Rajani Mullerpatan, Bela Agarwal, Triveni Shetty | Exploration of muscle activity using surface electromyography while performing suryanamaskar | International Journal of Yoga | 2020 | International |
| Rajani Mullerpatan, Shweta Nahar, Yuvraj Singh, Pierre Cote, | Burden of spine pain among rural and tribal populations in Raigad District of Maharashtra State of India. | European Spine Journal | 2020 | International |

| | | | | |
|------------------------------------|---|--|------|----------|
| Margareta Nordin | | | | |
| Maria Jiandani, Bela Agarwal et al | Evidence-based National Consensus: Recommendations for Physiotherapy Management | Indian Journal of Critical Care Medicine | 2020 | National |

Details of Books and Guidelines

| Title of book/ chapters published (Guidelines) | Name of the authors | National/ International/State /Local | Year of publication | ISBN/ISSN number |
|--|---------------------|--------------------------------------|---------------------|-------------------|
| Clinician Guide Managing Back and Neck Pain In TheTime Of Covid-19 | Rajani Mullerpatan | International | 2020 | NA |
| Patient Guide Managing Back and Neck Pain In TheTime Of Covid-19 | Rajani Mullerpatan | International | 2020 | NA |
| Expert Consensus for Covid Management in Indian Setup-Booklet | Bela Agarwal | National | 2020 | 978-81-946111-3-4 |

Details of Copyright:

| Sr. No. | Type of Copyright (Title) | Details of Copyright (ROC Number) | Applied / Registered | Faculty |
|---------|---|-----------------------------------|----------------------|---|
| 1 | Paediatric Fitness Testing Report Females 13-18 years | L-91340/2020 | Registered | Bela Agarwal and Rajani Mullerpatan |
| 2 | Physiotherapy management of COVID-19 in Indian setup | L-95459/2020 | Registered | Mariya Jiandani, Bela Agarwal <i>et al</i> |
| 3 | Reference Values for Spatiotemporal Variables of Gait in Healthy Indian Adults | L-92919/2020 | Registered | Rajani Mullerpatan, Triveni Shetty |
| 4 | Reference Values for Physical Fitness in Healthy Indian Children: 6-12 years and Adolescents: 13-17 years | L-92917/2020 | Registered | Bela Agarwal, Rajani Mullerpatan |
| 5 | 3 Dimensional Gait Report for Children : 9+ to 12 years | L-93922/2020 | Registered | Rajani Mullerpatan, Triveni Shetty |
| 6 | MGM Paediatric Fitness Testing Report: Males 13-18 Years | L-93923/2020 | Registered | Bela Agarwal, Rajani Mullerpatan |
| 7 | Translated and validated marathi version of Shoulder Pain And Disability Index (SPADI)questionnaire | L-97633/2020 | Registered | ApekshaPahade, SurendraWani, Rajani Mullerpatan |
| 8 | 3 Dimensional Gait Report for children: 6-9 years | L-97873/2020 | Registered | Rajani Mullerpatan |
| 9 | Comparison of palmar abduction in three wrist positions among healthy adults using conventional finger goniometer | L-97865/2020 | Registered | Rajani Mullerpatan, Anisha Gulati |
| 10 | Paediatric Fitness Testing Report: Males 6-12 Years | L-97874/2020 | Registered | Bela Agarwal, Rajani Mullerpatan, Bhoomika Sawant |
| 11 | Reference values for hand grip and pinch strength for healthy Indian adolescents | L-97877/2020 | Registered | Rajani Mullerpatan, Mamta Shetty |
| 12 | MGM Reference Values for Gait Kinematic Variables in Healthy Indian Children | 4992/2020-CO/L | Applied | Rajani Mullerpatan, Triveni Shetty |
| 13 | Pediatic Fitness Testing Report Template: Females 6-12 years | 4356/2020-CO/L | Applied | Bela Agarwal, Rajani Mullerpatan |
| 14 | 3 Dimensional Gait test Report for children: 13-18 years | 3306/2020-CO/L | Applied | RajaniMullerpatan, Triveni Shetty |

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|----|---|-----------------|---------|----------------------------------|
| 15 | Reference values for hand grip and pinch strength for healthy Indian adults | 12699/2020-CO/L | Applied | Rajani Mullerpatan, Mamta Shetty |
| 16 | Reference values for hand grip and pinch strength for healthy Indian children | 12986/2020-CO/L | Applied | Rajani Mullerpatan, Mamta Shetty |

Details regarding Extramural projects:

| Sr. No. | Names of the Investigators | Title of the topic | Ongoing/completed /submitted for funding | Amount received/not received from funding Agency | Amount of fund received and Agency of funding |
|---------|----------------------------|---|--|--|--|
| 1 | Dr. Rajani Mullerpatan | Development of powered transtibial prosthesis | Completed | Received | Department of Biotechnology, Government of India Rs. 4,23,840/- |
| 2 | Dr. Rajani Mullerpatan | Biomechanical exploration of 3 types of Suryanamaskar | Completed | Received | Sancheti College of Physiotherapy, Pune, India – Rs. 86,000/- |
| 3 | Dr. Rajani Mullerpatan | Comparison of newly developed prosthetic designs against conventional prosthesis in unilateral above knee amputation Patients | Completed | Received | Indian Institute of Technology (IIT), Madras, India. Rs. 75,000/- |

No. of Collaborations/linkages: 02

| Sr. No. | Type of collaboration/linkage created during this year | Purpose | International / National/ State | Duration | Faculty involved |
|---------|--|----------|---------------------------------|----------|------------------------|
| 1 | Sancheti College of Physiotherapy, Pune, India | Research | National | Ongoing | Dr. Rajani Mullerpatan |
| 2 | Kaivalyadhama Yoga Institute, Lonavala, India | Research | National | Ongoing | Dr. Rajani Mullerpatan |

PRESENTATION OF RESEARCH PAPERS:

| Sr. No. | Name Of Institution | National Seminars | International Seminars | Any Other Research Activity (Resource person) |
|---------|--|-------------------|------------------------|---|
| 1 | MGM School of Physiotherapy, Navi Mumbai | 5 | 0 | 5 |

| Sr. No. | Name of the Faculty | Name of symposia/ conference | International / National/ State level | Institute attended, Date and year | Attended / presented / resource person | Title of presentation/ Chaired session |
|---------|------------------------|---|---------------------------------------|---|--|---|
| 1 | Dr. Rajani Mullerpatan | 5 th Annual Conference of Society of Indian Physiotherapists | National | 10 th to 12 th January 2020 | Guest Speaker | Educating the Millennial Physiotherapists |
| 2 | Dr. Bela Agarwal (PT) | 5 th Annual Conference of Society of Indian Physiotherapists | National | 10 th to 12 th January 2020 | Presented | Effect of varying squat exposure on muscle strength and endurance |

| | | | | | | |
|---|-------------------------|---|----------|---|-----------|---|
| 3 | Dr. Triveni Shetty (PT) | 5 th Annual Conference of Society of Indian Physiotherapists | National | 10 th to 12 th January 2020 | Presented | Kinematics of Suryanamaskar |
| 4 | Dr. Triveni Shetty (PT) | 5 th Annual Conference of Society of Indian Physiotherapists | National | 10 th to 12 th January 2020 | Presented | Gait deviation index in children with Cerebral Palsy with severe gait impairment |
| 5 | Dr. Juhi Bharnuke (PT) | 5 th Annual Conference of Society of Indian Physiotherapists | National | 10 th to 12 th January 2020 | Presented | Exploration of Gait Kinematics and Balance Performance of Bharatanatyam Dancers Using 3-D Motion Capture System |

Details of Resource Person:

| Name of the faculty | Designation | Details of the Conference | Organising Agency | Title of the chaired session | Date and Duration | Venue |
|-----------------------|-------------|--|--|--|----------------------------------|---|
| Dr.Rajani Mullerpatan | Professor | Physiotherapy and Sports Rehab Congress | The Indian Association of Physiotherapists | Chairperson for Paper Presentations | 26th and 27th July 2019 (2 Days) | Grand Hyatt, Mumbai |
| Dr. Meruna Bose | Professor | PARCON: "Physiotherapy and Rehabilitation : Evidences Leading to new horizons" | College of Physiotherapy Sumandeep Vidyapeeth Institution, Gujarat | Chairperson for Paper and Poster Presentations | 20th and 21st Sept 2019 (2 days) | Sumandeep Vidyapeeth Institution, Gujarat |
| Dr.Rajani Mullerpatan | Professor | International Symposium on Recreation, Sport and Social Health | St. Marys University | Resource Person | 2nd - 10th Oct 2020 | St. Marys University, Canada |
| Dr.Rajani Mullerpatan | Professor | Skoll Foundation's Virtual Forum | World Spine Care | Pain and Related Disability: Making the Vulnerable More Vulnerable | 1st April 2020 | NA (online) |

| | | | | | | |
|-----------------------|-----------|--|---------------------------|-----------------|--------------------------------------|-------------------|
| Dr.Rajani Mullerpatan | Professor | Child Care Conclave-Physio and Rehab Update 2019 | The Child Care Foundation | Invited Faculty | 28th and 29th September 2019, 2 days | The Lalit, Mumbai |
|-----------------------|-----------|--|---------------------------|-----------------|--------------------------------------|-------------------|

LIBRARY:

| Sr. no. | Name of Institution | Number of Books | | Number of Journals | | |
|---------|--|-----------------|-----------------|--------------------|---------------|------------|
| | | Text Books | Reference Books | National | International | E-Journals |
| 1 | MGM School of Physiotherapy, Navi Mumbai | 669 | 146 | 0 | 5 | 0 |

NO. OF NATIONAL / INTERNATIONAL CONFERENCES ORGANIZED BY THE INSTITUTION:

| Sr. No. | Name of Institution | College | National | International |
|---------|--|---------|----------|---------------|
| 1 | MGM School of Physiotherapy, Navi Mumbai | - | Nil | Nil |

DISTINGUISHED VISITORS / SPEAKERS TO THE INSTITUTION:

| Sr. No. | Name of Institution | Name of Distinguished Guest | Designation & Institution | Date | Purpose of the Visit |
|---------|--|-----------------------------|---|----------|---|
| 1 | MGM School of Physiotherapy, Navi Mumbai | Dr.Kaushik Mukherjee | Assistant Professor in the Department of Mechanical Engineering, Indian Institute of Technology Delhi | 11/07/19 | Carrying forward collaborative projects with the MGM Centre of Human Movement Science |
| 2 | MGM School of Physiotherapy, Navi Mumbai | Ms. Divyakshi Kaushik | Masters in Industrial Design, MIT Pune | 19/08/19 | Currently she is working on a research project funded by Department of Biotechnology for which she approached MGM Centre of Human |

| | | | | | |
|---|--|--|---|------------|--|
| | | | | | Movement Science to share expert opines |
| 3 | MGM School of Physiotherapy, Navi Mumbai | Dr.Brinda Merchant (PT) and Mr. Nevil Kavarana | CEO Aquacentric | 19/08/19 | Discussion with Dr.Bela Agarwal (PT) about the ongoing projects in the MGM Centre of Human Movement Science |
| 4 | MGM School of Physiotherapy, Navi Mumbai | Dr.Jaimala Shetye Dr.Umanjali Damke | Associate Professor, K.E.M. Principal, Physiotherapy School & Centre, G.M.C, Nagpur | 27/08/19 | Inspection of MGM Centre of Human Movement Science |
| 5 | MGM School of Physiotherapy, Navi Mumbai | Dr.Cheng-Hsin Chaung and team | Associate Professor , National Sun Yat-sen University | 6/11/2019 | Discussion about opportunities for collaborative research |
| 6 | MGM School of Physiotherapy, Navi Mumbai | Mr. Girish Nehete | Visiting faculty MGM Institute of Health Science and Terna Medical College | 15/11/2019 | Yoga methodology planning at MGM Centre of Human Movement Science |
| 7 | MGM School of Physiotherapy, Navi Mumbai | Dr. Claire Hiller | Professor University of Sydney | 25/11/2019 | Discussion about student exchange program |
| 8 | MGM School of Physiotherapy, Navi Mumbai | Dr. Abhishek Gupta | Professor Department of Mechanical Engineering, IIT Bombay | 29/11/2019 | Discussion about progress of Department of Biotechnology project "Development of Powered Transtibial Prosthesis" |

| | | | | | |
|----|--|--|--|--|--|
| 9 | MGM School of Physiotherapy, Navi Mumbai | Mr. Momin. S | BeTic IIT Mumbai | 29/11/2019 | Demonstration of Plantar Tissue Stiffness Analysis Device |
| 10 | MGM School of Physiotherapy, Navi Mumbai | Dr. Sharlet Hagar | Head of U-motion lab Department of Community Medicine and Rehabilitation, Umea University Sweden | 12/1/2020 | Discussion about "Knee function following injury of the anterior cruciate ligament in the short and the long term" |
| 11 | MGM School of Physiotherapy, Navi Mumbai | Dr. Margareta Nordin and Dr. Adam Wilkey | Delegates of World Spine Care, Europe | 13 th to 15 th January, 2020 | Discussion on expansion of MGM-WSC, Global Spine Care initiative activities and student training |
| 12 | MGM School of Physiotherapy, Navi Mumbai | Dr. Brian Kennedy | Sports Scholar, Writer and Journalist | 12/2/2020 | Student training |
| 13 | MGM School of Physiotherapy, Navi Mumbai | Dr. Reena Kumar and Mr. Victor Vaz | Co-ordinators, Special Olympics, India | 26/2/2020 | Discussion on opportunity to propose MGM Centre of Human Movement Sciences as a National Research Centre for Sports Biomechanics for children with intellectual disability |
| 14 | MGM School of Physiotherapy, Navi Mumbai | Dr. Kshitishoke | Consultant, Orthopaedician -MGM Hospital, Vashi | 20/08/2020 | Discussion on various technologies available at Centre of Human Movement Sciences |

AWARDS/ HONOURS/ FELLOWSHIPS/ UNIQUE DISTINCTIONS, ETC. CONFERRED TO THE FACULTY / PG STUDENTS:

| Sr. No. | Name of the Recipient | Designation | Name of the Fellowship/Honour/ Award/Unit Distinctions | Awarding Agency & Date of Award |
|----------------|------------------------------|---|--|--|
| 1 | Dr. Meruna Bose | Professor | Bharat Ratna Indira Gandhi Gold Medal Award for Individual Achievement & National Development. | Global Economic Progress & Research Association (GEPRA), New Delhi |
| 2 | Dr. Shrutika Parab (PT) | Assistant Professor, MGM School of Physiotherapy | Incentive of INR 10,000 for publication indexed in PubMed/ Scopus | MGM Institute of Health Sciences, Navi Mumbai |
| 3 | Dr. Triveni Shetty (PT) | Associate Professor (PhD Scholar) MGM School of Physiotherapy | Best Paper award - PG/PhD | MGM Institute of Health Sciences, Navi Mumbai |
| 4 | Dr. Rajani Mullerpatan | Professor-Director, MGM School of Physiotherapy | Best Paper Award - Faculty | MGM Institute of Health Sciences, Navi Mumbai |

STUDENT AWARDS AND ACHIEVEMENTS:

| Year | Name of Award/ medal | Name of student |
|------|---|------------------------------|
| | MGM Olympics | |
| | Gold Medal in 100mts, 200mts | Mr. Ankur Kesarkar (I BPT) |
| | Gold Medal in Badminton | MsAditi Patkar (INTERN) |
| | | MsMahima Gaikwad (IV BPT) |
| | | MsSudhiksha Vyas (I BPT) |
| | | MsRachelle Lobo (IV BPT) |
| | Gold Medal in Singing | Rushabh Agarwal (II BPT) |
| | | Sumedh Vaidya (I MPT) |
| | Gold Medal in Debate | AakanshaDarekar (II BPT) |
| | | ShivaniDongre (II BPT) |
| | | DishaSurwase (III BPT) |
| | Silver Medal in Shotput and Discus Throw | Sanya Richard (I BPT) |
| | Silver Medal in Girls Relay | Rachelle Lobo (IV BPT) |
| | | Mahima Gaikwad (IV BPT) |
| | | UrviArsekar (IV BPT) |
| | | Amreen Khan (Intern) |
| | Silver Medal in Swimming Relay Girls | OviSatyawawan (IV BPT) |
| | | Harshi Shroff (I BPT) |
| | | Sanya Richard (I BPT) |
| | Bronze Medal in Swimming Relay Boys | Mubarak Desai(III BPT) |
| | | Utkarsh Shinde (IV BPT) |
| | | Durvil Jain(IV BPT) |
| | | Nitesh Vaishya (IV BPT) |
| | “Renaissance” state level Inter-college festival | |
| | Gold Medal in 100mts | Mr. AnkurKesarkar (I BPT) |
| | Gold Medal in Badminton | Ms. Sudhiksha Vyas (I BPT) |
| | Silver Medal in 4x100 mts relay | Mr. AnkurKesarkar(I BPT) |
| | | Mr. PrateekSontakke(Intern) |
| | | Mr. Mubarak Desai(III BPT) |
| | | Mr. Hitanshu G (I BPT) |
| | | Mr. Mubarak Desai(III BPT) |

| | | |
|--|----------------------------|-------------------------------|
| | Silver Medal in Basketball | Mr. Prasenjeet K(III BPT) |
| | | Mr. Keshav S (III BPT) |
| | | Mr. PrateekSontakke(Intern) |
| | | Mr. Gavin Fernandes (III BPT) |
| | Bronze Medal: 200mts | Mr. PrateekSontakke(Intern) |

Number of students receiving financial support in academic year 2019-2020: Nil EVENTS &

PHOTOGRAPHS:



Student Participation at Walkathon 2020 on 19th January 2020 at MGM Hospital Vashi, Navi Mumbai.



Visit by Dr. Margareta Nordin and Dr. Adam Wilkey to discuss the expansion of MGM-WSC clinic at MGMCHMS from 13th January to 15th January 2020.



Student Participation at Renaissance State level Competition from 7th to 11th January 2020 at Modern College of Physiotherapy, Pune, India.



Chancellor’s Medal received by ApoorvaDighe at MGMIHS 12th convocation on 19th January 2020 at MGMIHS Auditorium.



Pulse Polio Camp was conducted on 19th January 2020.



Students were trained for Pulse Polio camp on 16th January 2020 .



Faculty Participation at 5th Annual Conference of Society of Indian Physiotherapists (SIPCON 2020) from 10th January to 12th January 2020 at Novotel Hotel, Juhu, Mumbai, Maharashtra.



Guest Lecture on Spinal Cord Injury by Dr. Dhruv Mehta (PT) on 28th July 2020 at MGM School of Physiotherapy, Navi Mumbai, India.



Panelist for Webinar on Post Covid-19 Rehabilitation conducted by MGM School of Physiotherapy on 18th September 2020.



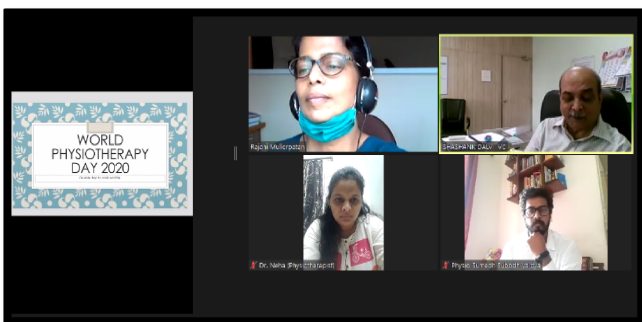
Dr. Hiranmayee Bagwe (PT) delivering speech in the Webinar on Post Covid-19 Rehabilitation conducted by MGM School of Physiotherapy on 18th September 2020.



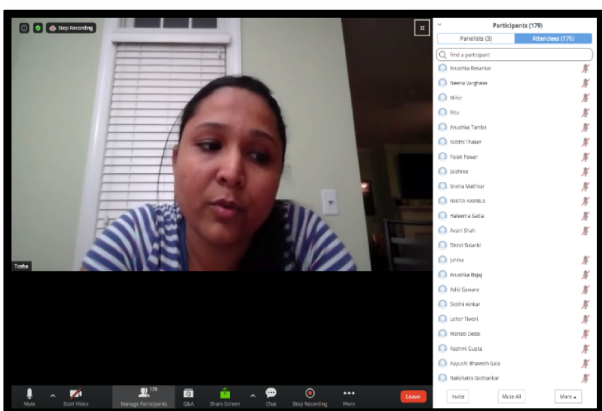
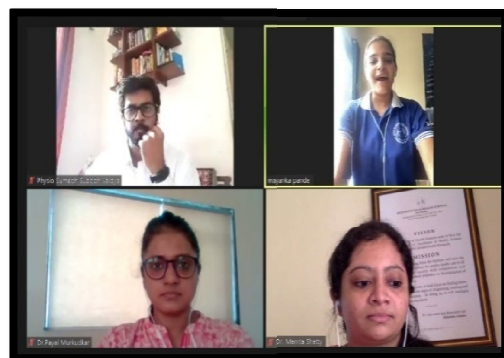
Panelist for Webinar on World Alzheimer’s Day 2020 conducted by MGM School of Physiotherapy on 21st September 2020.



Dr. Omeshree Nagrale (PT) delivering speech in the Webinar on World Alzheimer’s Day 2020.



World Physiotherapy Day 2020 Webinar on Covid -19 Rehabilitation Experience conducted by MGM School Physiotherapy Navi Mumbai India.



Online Alumni Guest Lecture by Dr. Tosha Shahon 17th September 2020.



MGMMSOP, NM bid farewell to Vice Principal Dr. Meruna Bose on 15th September 2020.



Care delivered by Physiotherapist of MGMSOP, NM at Panvel Minithon on 14th December, 2019.



Student participation on Fit India Rally held on 2nd October, 2019.

MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD

Vision Statement:

Evaluation, promotion and sustenance of quality initiatives at MGM Institute of Health Sciences (MGM IHS) and its constituents institution there by nurturing a vibrant academic ambience with moral and cultural values and global competencies.

Objectives

1. To foster a dynamic teaching-learning environment without come-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.

Activities:

| Quality initiatives by IQAC during the year for promoting quality culture | |
|---|-------------|
| Item/ Title of the quality initiative by IQAC | Date |
| Pre Conference Workshop “Hip and Groin Course” | 19.09.19 |
| First international MGM PHYSIOCON | 21&22.09.19 |
| Post Conference Workshop “Breathing Pattern Disorder in Musculoskeletal pain Syndrome & Dysfunctions” | 23&24.09.19 |
| Awareness program and free camp on world Cerebral Palsy Day | 07.10.19 |
| Camp at Jalana Marathon | 10&11.10.19 |
| World Arthritis Day Camp | 12.10..19 |
| World Heart Day Camp | 14.10.19 |
| Lecture on sports injury and nutrition in students of physical education college | 21.10.19 |
| International Disability day Camp | 12.10.19 |
| Camp at Aurangabad Vibhagiya krida sankul for boxing Athletes | 11.11.19 |
| World COPD day Camp | 23.11.19 |
| Guest Lecture on Bioethics | 19.12 .19 |
| Guest Lecture on International Classification of Functioning and Disability | 26.12.19 |
| Program of Sport Physiotherapist for on field Injuries(65 th National School games) | 23&28.01.20 |
| Program of Sport Physiotherapist for on field Injuries (65 th National School games) | 18.01.20 |
| Get Going marathon (Provision of Sport Physiotherapist for on field Injuries) | 02.02.20 |

Pre Conference Workshop “Hip and Groin Course”:19.9.19 Session by Dr Barry Getz



MGM Physiocon 1st International Conference:21 &22.9.19





Post Conference Workshop “Breathing Pattern Disorder in Musculoskeletal pain Syndrome & Dysfunctions”:23.9.19 Session by Dr Irena Paiuk



MGM Physiotherapy Rehabilitation & Fitness

MGM School of Physiotherapy Started MGM Physiotherapy Rehabilitation & Fitness Centre which has Advance facilities to serve the community.



Spinal Mouse



Graded Motor Imagery



Tecar



Matrix Rhythm Therapy



Balance Master



Treadmill & Harness System



Pulmonary Function Testing

❖ **Future Plans**

- Strengthening ecosystem and innovation.
- Interdisciplinary research.
- More national and international conferences.

Research Publications

| Sr. No. | Title | Author | Journal | Year | Indexing |
|---------|--|---|---|------|-------------------|
| 1 | KNOWLEDGE, ATTITUDE, AWARENESS AND PRACTICE TOWARDS COVID-19 PANDEMIC IN INDIAN CITIZENS DURING THE NATIONAL LOCKDOWN PERIOD: A QUICK ONLINE CROSSECTIONAL STUDY | Doss Prakash S , Kowshik Reddy B , Athul K , SheetalSwamy , Satyam Bhodaji , Aboli Deshmukh ,Sanskruti T , Lalremruati , Jagan Deep singh . | International Journal of Physiotherapy and Research, | 2020 | Google Scholar |

| | | | | | |
|---|---|--|---|------|----------------|
| 2 | Effect of yoga on static surface with visual feedback on balance in patients with chronic stroke: A randomized clinical trial | Pallavi Palaskar, Tejswini Wani, Prachi Mhaske | International Journal of Yoga, Physiotherapy and Physical Education | 2020 | Google Scholar |
| 3 | Differences between High Intensity and Low Intensity Mirror Therapy for Hand Functions of Patients with Cerebrovascular Accidents | Pallavi Palaskar | Journal of Novel Physiotherapies | 2020 | Omics |

❖ Awards & Recognition

| PhD. Awarded during the 2019-20 | |
|--|---|
| Name of the Department | No. of Ph. Ds Awarded |
| Musculoskeletal Physiotherapy Neurosciences Physiotherapy | 1. Dr. Zaki Anwer 2. Dr. Ashwini Kale (Jan 2020) Annexure-1. Details of PhD Degree. |

| Extension Activities during the 2019-20 | | | | |
|--|--|---------------------------|---|--|
| Name of the scheme | Organising unit/ agency/ collaborating agency | Name of the activity | Number of teachers coordinated in such activities | Number of students participated in such activities |
| 1. Tree Plantation drive. Govt. of Maharashtra. Nurgudi village 1/8/2019 | 1. MGM School of Physiotherapy, Ecological Task force of MGM & Marathwada Eco Territory Battalion. | 1. Tree Plantation Drive | 02. | 120 |
| 2. Tree Plantation Drive Govt. of | 2. MGM School of Physiotherapy, Ecological Task force of MGM | 2. Tree Plantation Drive. | 05 | 100 |
| | | 3. Health talk. | 01 | 01. |

| | | | | |
|---|---|---|---|---|
| <p>Maharashtra at TisgaonTanda Village 27/8/2019</p> <p>3. Health Talk on Ergonomics at work place& Awareness on Women's Health (Menstrual Hygiene week) 9/8/2019.</p> <p>4. GraminArogya Camp on 1stSeptember 2019.</p> <p>5. Lecture on Injuries & Functional Ankle Instability in fencing. At SAI (Sports Authority of India Centre, Aurangabad). 24/8/2019</p> <p>6. Lecture for Aurangabad Association of fencing on Injuries & Nutrition in Fencing. 14/08/2019.</p> | <p>&Marathwada Eco Terriers Battalion.</p> <p>3. MGM School of Physiotherapy & JLL pvt.limited.</p> <p>4. MGM School of Physiotherapy, MGM Medical College & Hospital, Govt. Of Maharashtra.</p> <p>5. MGM School of Physiotherapy, SAI (Sports Authority of India), Indian Association of fencing.</p> <p>6. MGM School of Physiotherapy & Aurangabad Association of fencing.</p> <p>7. MGM School of Physiotherapy & MGM JNEC & MGM College of Polytechnique.</p> | <p>4. GraminArogya Camp.</p> <p>5. Lecture on Injuries & FAI (Function Ankle Instability)</p> <p>6. Lecture on injuries & Nutrition in Fencing.</p> <p>7. Aerobic Exercise Session.</p> <p>8. Lecture on Injuries & Prevention.</p> | <p>02</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> | <p>04</p> <p>01</p> <p>00</p> <p>80</p> <p>01</p> |
|---|---|---|---|---|

| | | | | |
|---|--|--|--|--|
| <p>7. Aerobic Exercise session for JNEC & MGM College of Polytechnique.</p> <p>8. Lecture on injuries & Prevention For state & National level shooters.</p> | <p>8. MGM School of Physiotherapy & MGM Sports Club.</p> | | | |
|---|--|--|--|--|

MGM NEW BOMBAY COLLEGE OF NURSING

MGM New Bombay College of Nursing, a constituent unit of MGM Institute of Health Sciences (MGMIHS) laid its foundation on 1st August 2008. The institute offers Undergraduate, Post Graduate and PhD programme in Nursing. It is one among the pioneering institutes in India, for successfully conducting the Nurse Practitioner in Critical Care Post Graduate programme from the academic year 2017-18. The College of Nursing is well known for its excellence in academic, co-curricular and extra-curricular activities in the country and strives hard to keep up the quality of education to provide globally competent nurses.

Vision & Mission of the college is in line MGMIHS.

Aim: To prepare professionally competent nurses responsible for providing promotive, preventive, curative and rehabilitative services to individuals, families and communities.

The professional nurses with advanced qualification will assume the role of nurse specialist, educator, administrators and researcher in a wide variety of professional settings.

Objectives:

1. To prepare graduate nurses who are professionally competent in providing patient care, demonstrate leadership and decision-making abilities, to function effectively in various situations.
2. To prepare post graduate nurses who are competent as educators, researchers, and perform advance practice roles in clinical settings.
3. To prepare post graduate nurses as Nurse Practitioners for advanced practice roles in Critical Care Units and to manage critical illness in collaboration with doctor and other health care team.
4. To prepare nursing scholars as researchers who will make a substantive contribution to the discipline of nursing and to improve patient care.

Message



Dr. Prabha K. Dasila

Professor & Director

It has been another milestone year for MGM New Bombay College of Nursing and I am pleased to report on the highlights of accomplishments reflecting the hard work and dedication of all the people who are building the future of students graduating from this institute. Since its inception in 2008, the institute has progressively grown in strength and scope over the years in response to demanding needs of professional nurses.

The current health care environment is greatly different from the past. It demands highly competent nurses who are authorized to function independently and collaboratively for an extended clinical role. MGM New Bombay College of Nursing is one among the pioneering institutes in India, for successfully conducting the Nurse Practitioner in Critical Care (NPCC) Post Graduate programme from the academic year 2017-18. Apart from preparing the students to qualify purely on academic demands, special efforts are made continuously to participate in various co-curricular and extracurricular activities to enable them to face the challenges of the competitive world. Extracurricular and co-curricular activities allow students to pursue interests outside of a standardized academic context.

The college organizes National Conference/workshop every year. This year the national conference was organized in *collaboration with* Nursing Research Society of India (NRSI) on the theme *Systematic Review: A tool for Evidence Based Practice* from 28th November to 29th November 2019 followed by Post Conference Workshop - *Protocol Preparation for Systematic Review* on 30th November 2019. Total 229 participants from different parts of the country attended the conference and 27 resource persons from various renowned institutes and Universities of India were invited.

An *ICMR funded* National workshop with the theme: - *Enhancing Trauma Management Skills among Nurse Practitioners* was held on 28th & 29th January 2020. Total 44 Participants among which 24 were Nurse Practitioner students from across the country.

Research is integral to the development of nursing knowledge and nursing actions. Our Faculty, PhD scholars and students are actively engaged in various research topics considering the thrust areas; Caring for Vulnerable Population, Capacity Building of Health Professionals, Student Centric Teaching Learning, Non Communicable Diseases, Nutrition and other national priorities under the National Rural Health Mission Programme of the Government of India

Currently the college is offering Post Graduate Nursing Programme with Medical Surgical Nursing speciality. This year the Indian Nursing Council has approved enhancement of M.Sc Nursing Programme for various specialities - Obstetric & Gynec. Nursing, Paediatric Nursing, Community Health Nursing and Psychiatric Nursing. Permission from Government of Maharashtra is waited.

MGM New Bombay College of Nursing endeavors to maintain a “student friendly environment” to provide quality education and prepare professional nurses sensitive to human needs..

Dr. Prabha K. Dasila
Professor & Director

Programmes Offered

| Programmes | | Duration | Seats |
|----------------|--|-------------|-------------------------|
| Under Graduate | Basic B. Sc Nursing | 4 years | 50 |
| | Post Basic B.Sc. Nursing | 2 years | 30 |
| 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 | 1:6 Guide student ratio |

Award of PhD Nursing Degree

| Sl No | Name of the Scholar | Date of Award of Degree |
|-------|----------------------|-------------------------------|
| 1. | Mrs. Bharti Veer | 31 st July 2019 |
| 2. | Mrs. Savia Fernandes | |
| 3. | Mrs. Jyoti Chaudhari | |
| 4. | Mrs. Maya Vadgaonkar | |
| 1. | Mrs. Seeta Devi | |
| 2. | Mrs. Sindhu Thomas | 19 th January 2020 |
| 3. | Mrs. SamruddhiBhakre | |
| 4. | Mrs Manisha Kadam | |
| 5. | Mrs Madhavi Ghorpode | |



Workshop / Conferences / Seminar Organized:

1. Research Methodology Workshop was organized for one week from 16 to 21st Sept. 2019. M.Sc. Nursing NPCC and Post Basic B.Sc. Students attended the workshop. Resource Persons :- 14
2. Session on Data Management, Processing & Presentation was organized on 21.09.2019. Mr. RajaramGawade, Statistical Officer, FWT&RC MOHFW, Mumbai, conducted hands on session on preparing excel sheet for raw data processing, selection of data for presentation in tabular and graphical forms, calculation of statistical tests using MS excel.
3. Dr. SatishMunoli, Library Head, ACTREC, Kharghar, conducted hands on session on Literature search using e-sources and managing reference in ROL. Total 15 students and 5 faculties attended.
4. Workshop on “*Empowering Entrepreneurship Ecosystem*” Organized by MGM New Bombay College of Nursing & MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai On 15.10.2019.
5. National Conference in *collaboration with Nursing Research Society of India (NRSI)* was conducted on the theme *Systematic Review: A tool for Evidence Based Practice* from 28th November to 30th November 2019.

Guests/ Resource Persons: - 24 (NRSI Executive members- 16, 7 External Resource Persons- 07, Nursing Honor Society of India-01). Participants: 229 - Maharashtra (168) Madhya Pradesh (15) Uttar Pradesh (02) Chhattisgarh (03) New Delhi (06) Gujarat (16) Assam (03) Tamilnadu (03) Kerala (11) Dubai (01)
6. Post Conference Workshop - *Protocol Preparation for Systematic Review was organized on 30th November 2019.* Resource Persons: 02 and Participants : 32 (Kerala – 05, MP- 01, Bhubaneswar – 01, Gujarat – 04, Maharashtra – 17, Uttar Pradesh - 02, Chhattisgarh – 01, Dubai – 01)
7. Seminar on Recent Trends in Innovation was organized on 7.1.2020 Resource Persons - *Dr. Gopa Kumar Nair* – CEO Nair Associates and *Dr. P.M. Dongare*– Professor, Biophysics Mumbai University Participants – Students from MGM campus Kamothe . No. of Beneficiaries - 122
8. National Workshop, funded by ICMR, New Delhi. Theme - Enhancing Trauma Management Skills among Nurse Practitioners 28th& 29th January 2020. Total 44 Participants among which 24 were Nurse Practitioner students from across the country.
9. Workshop on Advanced Trauma Care for Nurses (ATCN) (Accredited by Society of Trauma Nurses & American College of Surgeons)(on 30th, 31st Jan. & 1st Feb. 2020)

Glimpses of the National Conference organized in collaboration with Nursing Research Society of India (NRSI) on the theme *Systematic Review: A tool for Evidence Based Practice* from 28th November to 30th November 2019.



Post Conference Workshop - Protocol Preparation for Systematic Review was organized on 30th November 2019

National Workshop, (funded by ICMR, New Delhi) Theme - Enhancing Trauma Management Skills among Nurse Practitioners





Workshop / Conferences / Seminar/Guest Lecture Participated

1. Online certificate course by **Elsevier Research Academy** on Research, Publication, Ethics and Plagiarism was completed by 2 faculties and 7 students.
2. One day Regional Training programme for admin user (URKUND) 29.8.2019 was attended Mrs GayathriKutty, Librarian, Mrs Susan Jacob, Professor, Mrs Preethi Maria Associate Professor.
3. The International Conference was attended by 48 third year B.Sc (N) students and three faculties from 23rd to 25th August 2019 organized by Department of Paediatrics and MGM School of Biomedical Sciences.
4. Three faculty members Mrs. Padmaja Dhawale, Mrs. Sindhu Thomas and Mrs. Anna Thomas presented poster on relevant themes participated at the International Conference organized on 23rd to 25th August 2019 by Department of Paediatrics and MGM School of Biomedical Sciences.
5. Mrs.SreeDevi P.S. & Miss AdhiraChandran, Second year NPCC students participated in Research Methodology writing Competition , organized by Seva Mandal College of Nursing, Matunga and TNAI Maharashtra State Branch on 16.10.2019
6. First and Second year M.Sc Nursing students attended the guest lecture on “Interpretation of Results of Statistical Tests and Multivariate Analysis” on 13th October 2019 organized by Dept. of Preventive and Social Medicine, MGM Medical College, Kamothe.
7. Mrs. Maria Preethi Mathew participated in “Training of Master Trainers on Simulation” at Shree Guru Gobind Singh Tricentenary (SGT) University, Budhera, Gurugram-Haryana From 18th to 23rd November 2019

8. Mrs. Jyoti Chaudhari, Associate Professor, presented a paper on “Extended Nursing Care Model and Quality of Life of CABG patients” at International Conference on the theme “Public Health – A Workforce for Countdown 2020 (SDGs)” organized by Charotar University of Science and Technology (CHARUSAT), Dist. Anand, Gujrat

Cocurricular & Extracurricular Activities

1. Representatives from Angel’s initiatives consultancy visited the college on 27th August 2019 to introduce “Stroke Nurse online certification” a free online certification programme of European Stroke organization. The course consists of 20 modules on various aspects of stroke management as well as simulation activities. Session was attended by 3rd year and 4th year B. Sc. Nursing, Post Basic B.Sc. Nursing, M.Sc. Nursing, Nurse Practitioner students and teaching faculties. Total Beneficiaries 128 students and 12 Faculty members. The students and faculty subsequently completed Stroke Management Nurse Online Certification course by European Stroke Organization (UG - 64 PG - 10 and Faculty -02)
2. Workshop was conducted on 28.8.2019 by the representatives from Vidyasaraathi to orient various scholarship available for nursing students. Vidyasaarathi is a platform by NSDL e-Gov for applying to various scholarships provided by corporates.
3. The students participated on skit competition on Palliative care day organized by TATA Memorial Hospital Parel Mumbai on the theme “My Care, My Right” on 25.09.2019. Total 8 students participated.
4. Institutional NSS unit Orientation programme was conducted by NSS programme officer Mrs. Vandana Kumbhar, Associate Professor, MGMNBCON on 20.9.2019
5. Department of OBG Nursing, MGMNBCON participated in Multi Diagnostic Health Check-up camp under Mahatma JyotibaPhule Jan ArogyaYojana at Akurli Tal, Panvel organised by MGM Hospital, Kalamboli.No. of students participated were two and total beneficiaries 100
6. 150th Birth Anniversary of Mahatma Gandhiji was celebrated from 23/09/2019 - 03/10/2019 for 9 days. Various activities were conducted during the week. Day 1 (23.9.2019):- “The Gandhi” Movie was played to the students (total 135 students) at MGMNBCON, Kamothe. Day 2 (24.9.2019):- Poster Competition was conducted. Total 10 students participated. Day 3 (25.09.2019):- Role play by students on ‘Beat Plastic and Environmental Sanitation’ was done at the OPDs of MGM Hospital, Kamothe. No. of students participated: - 10. Day 4 (26.09.2019):- Elocution competition was conducted on the Theme - “Non Violence”. Total students participated were thirteen.
7. Day 8 (1.10.2019) :- Used papers were collected house wise for recycling. Day 9 (3.10.2019) :- Best out of Waste Competition was conducted for which the students used waste materials to prepare different showpiece materials.

8. MGM New Bombay College of Nursing, NSS unit volunteers participated in the rally on behalf of Gandhi Jayanti organized by Panvel Municipal Corporation. The rally was from Kalamboli PMC zonal office to Sudhagad Education School Kalamboli on 02.10.2019.

150th Gandhi Jayanti Celebration activities were concluded on 02.10.2019. The students presented a role play on 'Beat Plastic and Environmental Sanitation' at MGMIHS auditorium.
9. Installation of 3rd batch (2019-2020) Rotaract club of MGM bayside was conducted on 17th September 2019. Introduction of New Rotarians and handing over to the new President was done.
10. NSS unit performed the following activities on NSS Unit Installation Ceremony at MGMIHS on 24.09.2019. NSS song, Exhibition on "Reduce use of plastic", Puppet show on "No Plastic Use" and Street Play on "Beat Plastic and Environmental Sanitation" Total 40 students and 4 faculty participated.
11. On account of "Maharashtra Reading Day" on 15.10.2019 at MGM School –Nerul. The students donated English Novels, story books and Books on Computer, Nutrition, Biochemistry were donated for MGM School Library, Nerul. Book donated were 38. Total 10 students and 2 faculty participated.
12. Puppet Show on Hand Washing on the Occasion of "Global Hand washing Day" was conducted by the NSS Volunteers (17) of MGM NB college of Nursing on 15.10.19 at MGM School Nerul. Total Beneficiaries :- 500 (School Students and teachers)
13. M.Sc. Nursing – Educational establishments offering various Nursing Programmes - *Tehmi Grant College of Nursing & Hospital, Pune* 07/01/2020 (B.Sc & M.Sc Nursing), Women India Trust Center, Panvel (ANM)
14. Annual Science Exhibition, Titled Management of High level waste, Radiation Technology in Health Care, Food Processing organized by BARC & IWSA Vashi. Total Students Participated - 47 +2 faculty
15. A session was organized by Vidyasaarathi Foundations, (NSDL) for seeking feedback from the students regarding the activities they expect from the organization. Vidyasaarathi Foundations provide scholarships to the students. Total 9 students received the scholarship (Rs 25000 x 6 and Rs 40000 x 3)
16. 5th MGM Olympics held at MGM Aurangabad Campus from 03rd Dec to 05th Dec 2019. Total 60 students participated and 35 students won prize

Glimpses of Co-curricular & Extracurricular Activities



Maharashtra Reading Day” on 15.10.2019 at MGM School –Nerul. Books Donation by students



Students Participated for Collection of used papers for recycling



Best out of Waste Competition was conducted for which the students used waste materials to prepare different showpiece materials.



Students were felicitated for organizing Blood Donation Camp

Extension & Outreached Activities

1. Swachha Bharat Campaign was conducted at Dhodhani Village on 25/07/2019. The activities performed during the campaign. Were; Door to door camping, Seed ball preparation and Wall Printing

2. Tree plantation drive at Dodhni Village, Dist Raigad. Total students 20 participated and 204 Plants planted 10 August 2019.
3. World Suicide Prevention Day was observed on 11.9.2019. Various activities were conducted including deliberations by the students on topic.
4. Third Year B.Sc Nursing students participated in **Pulse Polio Programme**, organized by Panvel Mahanagarpalika on 15/9/19 [Sunday]. Total 45 B.Sc students took part to vaccinate more than 1200 children.
5. Department of OBG Nursing, MGM NBCON during Nutrition month conducted Health talk session regarding importance of postnatal diet for postnatal mothers at MGM Hospital Kalamboli on 29.9.2019 Total 10 students and one faculty participated. No. of Beneficiaries:- 50.

An exhibition on importance of Antenatal diet was conducted in the OPDs of MGM Hospital Kalamboli on 30.09.2019. Total 50 students and five faculties participated. No. of Beneficiaries:- 80.
6. World Heart Day was observed on the theme “My heart your heart” on 01/10/2019 at MGM Hospital, Kamothe. Total 21 students and seven faculties participated.
7. “World Mental Health Day” was observed on 10th October 2019. A talk on “Promotion of Mental Health” was delivered by Dr. Rakesh Ghildiyal Professor & HOD Dept of Psychiatry, MGM Medical College, Kamothe. Total 140 students and three faculty members participated.
8. Children’s day was celebrated with children at Immanuel Mercy Home, Chipale on 14th November 2019. Total 16 students and one faculty participated.
9. Awareness session on Prematurity was organized by Department of OBG Nursing, MGM NBCON, for antenatal and postnatal mothers on account of Prematurity day Kalamboli on 15.11.2019 at MGM Hospital Kalamboli. Total 09 students and one faculty participated.
10. World COPD Day was observed on 20/11/2019. on the theme “All together to end COPD”. Total 07 students and one faculty participated. Beneficiaries:- 30
11. Department of OBG Nursing Participated in Health Check-up camp organized by MGM Hospital, Kalamboli at Z P School in Govirle village, Raigad. Total 01 students and two faculty participated. Beneficiaries:- 85
12. Rotaract club of MGM Bayside in collaboration with DYPUSM (D Y Patil University School of Management) Organized Blood Donation Camp at MGM Blood Bank Kamothe. Total 20 students and one faculty participated. Beneficiaries:- 85

13. School Health Programme was conducted at People's Education Society School, Belapur on 20.11.2019. Beneficiaries : 120 students of 8th and 9th standard
14. Department of Mental Health Nursing conducted street play on account of World Alzheimer's Day on 21th November 2019. Total 10 students and two faculties participated.
15. Tobacco awareness campaign was conducted on 25th November 2019 at Bharati Vidyapeeth CBSE School, Belapur, Navi Mumbai. Street Play was organized for the Tobacco awareness campaign and oath is given to the students regarding prevention of smoking and non consumption of tobacco product. Beneficiaries : 90 students
16. Participated in School Health Awareness programme at RitgharRayatShiksanSanstha High School and Ramsheth Thakur Vidyalaya, Rithghar on 12.12.2019. Total 485 school children examined with the help of school health Medical officer, Sub District Hospital, Panvel.
17. Meeting for upcoming Pulse Polio Programme was held on 27/12/2019 at 3 PM convened by District Immunization Officer and Dr. SachiJhadhav, Medical Superintendent, Panvel MahanagarPalika Participated for Pulse Polio National Programme on 19/01/2020 at Khanda Colony, Old & NewPanvel area. Total Students Participated 45 & faculty one. No. of Beneficiaries-1020
18. Collaborative Activity on Cancer Screening Programme Supported by- Indian Women Scientists' Association, Indian Cancer Society & MGM Hospital Kamothé was conducted on 07/01/2020 at Punjab Heritage Bhavan, Rama Bai Nagar, CBD Belapur for Women from the urban slums. Total Students Participated 50 & faculty two. No. of Beneficiaries-100
19. Awareness Programme on Menstrual Hygiene was 17/12/2019 and 23/12/2019 at RayatshikshanSantha High School, Wavanje, Panvel, supported by - PanchayatSamiti Panvel, ICDS, Panvel and United way Panvel. Total - 20 students and one faculty Participated. Beneficiaries - 200 and 170 Girls from 8th to 10thStd respectively.
20. Tree Plantation at MGM Campus Kamothé on 04/01/2020. No. of Plants Planted - 80. Total Students Participated 20 & faculty one.
21. Teaching, Nonteaching Staff and Students participated in 7th Annual Walkathan on Chalo Navi Mumbai Let's Walk for Healthy Life organized by MGM New Bombay Hospital Vashi, Navi Mumbai on 19/01/2020
22. Street Play Performance focus on Traffic rules, Importance of Road Safety, Traffic rules on 15/01/2020 at Bel Naka, Taloja MIDC, Taloja. No. of Beneficiaries - 80 (Truckers and Industrial drivers) Total Students participated – 20

Glimpses of Extension & Outreached Activities



Awareness session on Prematurity was organized by Department of OBG Nursing, MGMNBCON on 15.11.2019 at MGM Hospital Kalamboli.



World Heart Day was observed on the theme "My heart your heart" on 01/10/2019 at MGM Hospital, Kamothe



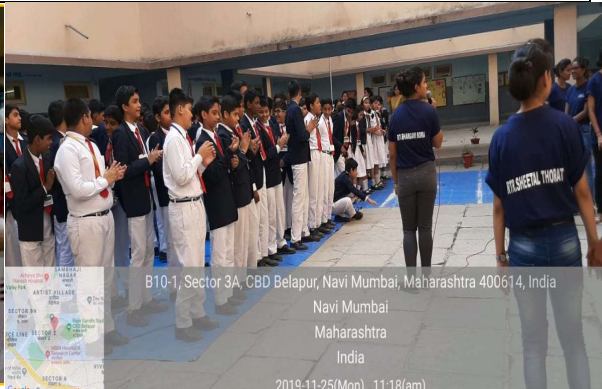
Collaborative Activity on Cancer Screening Programme Supported by - Indian Women Scientists' Association, Indian Cancer Society & MGM Hospital Kamothe



NSS activities



School Health Programme was conducted at People's Education Society School, Belapur



Tobacco awareness campaign was conducted on 25th November 2019 at Bharati Vidyapeeth CBSE School, Belapur, Navi Mumbai.



Swachha Bharat Abhiyan & Tree plantation drive at Dodhni Village, Dist Raigad.

Research Publications

- 1) Ms. Dipali Pingale. A study to assess the effectiveness of information booklet on knowledge regarding cord stem cell banking among staff nurses in selected hospitals. *International Journal of Nursing Education* Jan- Mar 2019 Vol. 07 (01)
- 2) Mrs. Richa Sharma, Dr. (Mrs.) Prabha K. Dasila. Designing an Intrahospital transport Appurtenance for critically ill patients admitted in selected units of hospital using Delphi technique. *IOSR Journal of Nursing and Health Science (IOSR – JNHS)* Mar- Apr 2019 Vol. 8 (2)
- 3) Ms. GargeeKaradkar, Dr. (Mrs.) Prabha K. Dasila, Dr. AlakaDeshpande, Dr. Swati V. Kambli, Dr. G. R. Kane, LokeshGujjarappa. Information Needs of Patients Suffering From Acute Coronary Syndrome (ACS) In the Convalescent Period. *International Journal of Recent Scientific Research*
- 4) Mrs. Perpetua Fernandes, Dr. (Mrs.) Prabha K. Dasila, Dr. SandeepRai, Dr. (Mrs.) Sripriya Gopalkrishnan. Psychosocial Distress among People with Type 2 Diabetes in India. *International Journal of Health Sciences and Research*. May 2019 Vol. 9 (5) 266-272.
- 5) Ms. Bhadrapiya Sanjay Parab, Dr. GajananVelhal, Dr. Mary Mathews. Morbidity profile among senior citizens of urban slum area of Thane district of Maharashtra – Community approach. *International Journal of Scientific Research and Reviews*. Apr- June 2019Vol. 8 (2) 4747-4752.
- 6) Ms. MadhaviGhorpade, Dr. (Mrs.) Prabha K. Dasila, Dr. (Mrs.) Sripriya Gopalkrishnan. Effect of Training Programme on Emotional Intelligence among Nursing Students in Selected Nursing Colleges of Maharashtra. *The International Journal of Indian Psychology* Apr- June 2019. Vol. 7 (2) Apr- June 2019 Vol. 7 (2)424-432 23-26.
- 7) Ms. Ritika Vishal Gawade. Prevalence of Selfie Addiction among Junior College Students. *Innovational Journal of Nursing and Healthcare*. *Innovational Journal of Nursing and Healthcare* Apr – June 2019 Vol. 5 (2) 23-26.
- 8) Ms. Padmaja Dhawale, Dr. N. C. Mohanty. Improving Care of Low Birth Weight Infants By Enhancing Mothers Knowledge and Practices. *Journal of Emerging Technologies and Innovative Research (JETIR)* June 2019 Vol. 6 (6) 243-248.
- 9) Ms. Sindhu Thomas, Dr. NimanMohanty, Dr. (Mrs.) Prabha K. Dasila. Effect of Progressive Breastfeeding Support on Infant Outcomes. *International Journal of Research and Analytical Reviews (IJRAR)* June 2019 Vol. 6 (2) 768 – 778.
- 10) Ms. Brincy Darwin John, Ms. Susan Jacob Impact of an Educational Intervention on Care Burden among the Caregivers of Patients Undergoing Hemodialysis. *International Journal of Nursing Research (IJNR)* 2019 Vol. 5 (3) 81-85.

- 11) Ms. Perpetua Fernandes. The Psychological Implications of Patients with Diabetes on Their Spouse: A Review. *International Journal of Health Sciences and Research*. Sept 2019 Vol. 9 (9) 286 – 295.
- 12) Mr. SiddheshwarAwatade, Dr. (Mrs.) Ponchitra R. Effect of video assisted teaching programme regarding first aid management of minor injuries on knowledge and attitude among secondary school children. *IAETSD Journal for Advanced Research in Applied Sciences*. Sept 2019 Vol. 6 (9) 124-130.
- 13) Mrs. Sarika Sukesh Nair, Dr. (Mrs.) Ponchitra R., Mrs. Bharti Veer. Nursing Students Perceptions on Clinical Learning Environment. *IAETSD Journal for Advanced Research in Applied Sciences*. Sept 2019 Vol. 9 (9) 115-122
- 14) Mrs. Kavitha K, Mrs. Preethi Mathew. Effect of Skin to Skin to contact on selected parameters among mothers and their neonates in a selected hospital.*IAETSD Journal for Advanced Research in Applied Sciences*. Nov 2019 Vol. 6 (11) 19-26.
- 15) Mr. Nithin N, Mrs. Susan Jacob. Effect of educational intervention regarding Methicillin – Resistant Staphylococcus Aureus infection on knowledge and attitude among nurses working in teaching hospitals. *IAETSD Journal for Advanced Research in Applied Sciences*.Dec 2019 Vol. 6 (12) 72-79.
- 16) Ms. Melby Thomas, Mrs. Maria Preethi Mathew. Effect of Thermal Stimulation versus Cutaneous Stimulation on Selected Parameters of First Stage of Labour among Primigravidae. *IAETSD Journal for Advanced Research in Applied Sciences*. Dec 2019 Vol. 6 (12) 24-31.
- 17) Mr. JitendraPatidar, Dr. (Mrs.) Ponchitra R, Dr. Vishwas Sathe. Effect of Mobilization Protocol on Post – Operative Outcomes of Patients undergone Cardiac Surgeries. *IAETSD Journal for Advanced Research in Applied Sciences*.Dec 2019 Vol. 6 (12) 109-116.
- 18) Ms. SanjuktaBibhuMohanty, Ms. Susan Jacob. Effect of Educational Intervention on Knowledge and practice regarding high alert medications among nurses in hospitals of Navi Mumbai. *IAETSD Journal for Advanced Research in Applied Sciences*. January 2020. Vol. 7 (1) 1 – 8
- 19) Mrs. Anna Hima Thomas. Case Report of a Child with Homocystinuria – An Inborn Error of Metabolism. *International Journal of Nursing Education and Research*. April – June 2020. Vol. 8 (2) 1 – 3

Faculty Development

1. Dr. R. Ponchitra attended a Faculty development Programme on “Latex for Mathematics and Research Documentation” at NMMIS University, Navi Mumbai on 10th and 11th January 2020

2. BLS sessions are conducted on regular basis at the MGM Skill Lab, MGM Medical College & Hospital, Kamothe by Mrs Sarika Nair and Mrs BrincyDarvin AHA certified BLS faculty for students, staff and other health care professionals during workshops organized by the lab.
3. Mrs. Maria Preethi Mathew participated in “Training of Master Trainers on Simulation” at Shree Guru Gobind Singh Tricentenary (SGT) University, Budhera, Gurugram-Haryana From 18th to 23rd November 2019

Eminent Visitors

- 1) President, Indian Nursing Council, New Delhi, Mr. T. Dileep Kumar visited MGMIHS on 14.11.2019. Held meeting with Hon’ble Vice Chancellor, Registrar MGMIHS, Dean MGM Medical College, Medical Superintendent, MGMH Kamothe, Director MGM NBCON to have collaboration with Houston University USA for Doctorate of Nursing Practice
- 2) International Faculty Dr. BilkisVissandjee, Professor, School of Nursing, University of Montreal, Canada visited MGM New Bombay College of Nursing Kamothe on 9.11.2019



President, Indian Nursing Council, New Delhi, Mr. T. Dileep Kumar visited MGMIHS on 14.11.2019.

Awards & Achievements

1. Mrs. Precious Angel Josey M.Sc Nursing student received first prize at the National Conference organized by MGMNBCON in collaboration with Nursing Research Society of India (NRSI) titled “*Systematic Review: A tool for evidence based practice*” 28th November 2019
2. **Mrs. Sindhu Thomas was awarded first Prize for Poster Presentation on Breast Crawl: A Breast Feeding Initiative** at the International Conference organized on 23rd to 25th August 2019 by Department of Paediatrics and MGM School of Biomedical Sciences.

Clinical Services

The college of Nursing performs dual responsibilities to achieve optimum patient care and sound education to nursing students. Two Associate Professors from College of Nursing manage the nursing administration in the hospital as Nursing Superintendent and Education and Service coordinator who also relieves the Nursing Superintendent in her absence. Daily ward rounds, solving day to day issues related to nursing management and reporting patient care related matters to higher authorities are few of the major tasks performed. .

The faculty also coordinates with the hospital quality head for implementation of hospital protocols, SOP and audit of the NABH quality indicators. They also participate as members of various hospital committees. Other teaching faculties take part in hospital responsibilities by ensuring the patient care and co-coordinating with ward in charges in completion of documentation pertaining to nursing along with supervision of students in the wards.

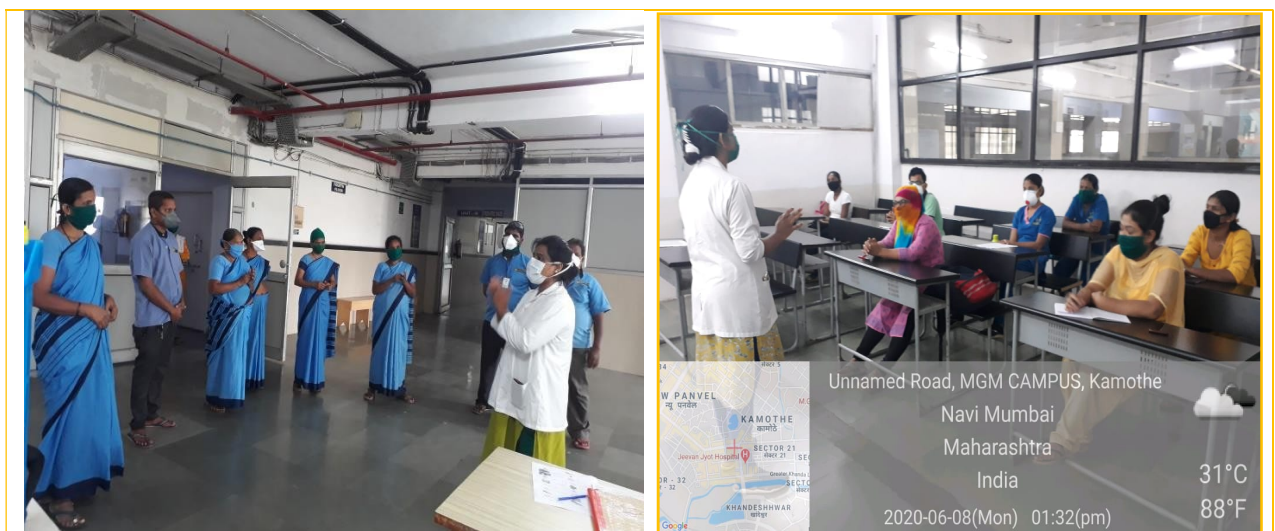
During Covid-19 Pandemic: The faculty, College of Nursing, structured the process of Nursing workflow into organized teams. The nursing team leaders were designated with specific job description for smoothing functioning of the hospital.

The college faculties were assigned different Covid-19 units of MGM Hospital Kamothe to co-ordinate the patient care of each unit for the day to day operations. The daily census of the Covid-19 patients was updated by physical verification of each Covid -19 patients which wereverified by the Nursing Director before emailing to the Government bodies.

The faculty updated the Medical superintendent in the daily meeting regarding the matters related to patient care, Materials, Supplies and Manpower of their assigned units.

Frequent Meetings were conducted with Nursing superintendent, Nursing Supervisors and Ward in charges for redistribution and reshuffling of nursing manpower in Covid-19 and Non Covid Units.

The faculty also conducted regular counseling of staff nurses. Counseling of the nurses who remained absentduring the pandemic and their family members was also done daily to resolve acute shortage of nurses in the hospital. Training of nursesand housekeeping staff was done on regular basis.



Education and Training Sessions during Pandemic

MGM School of Biomedical Sciences, Navi Mumbai

Director message:



**Dr. Mansee Thakur - (PhD Biotechnology)
Professor, I/C Director
MGM School of Biomedical Sciences, Navi Mumbai**

Paramedical Sciences is the new upcoming field in health Care Sector. Paramedic is a highly trained and skilled medical professional who is educated to carry out part duties of a physician. The duties vary from a laboratory course for medical management in the hospital to ambulance paramedics.

MGMSBS,NM has grown as a pioneer institute in the nation catering to Allied health profession. Here we believe that Successful and Happy individuals make a successful nation. Students are the strength of these programs. Institute focuses particularly on student-teacher relationships as a vital catalyst for enhancing student motivation. At MGMSBS,NM we don't just teach, but make clinically skilled professional to serve the nation. Our dedicated faculty make healthy and competent individuals out of students.

Secondly the best practice of MGMSBS,NM is Research, which is the core strength focusing on multidisciplinary research. This is enhanced by creating awareness for students and faculty by conducting various workshops, seminar, conferences and industry academia tie up and encouraging students for active participation in various national and international forums.

Under Graduate (UG) Programme:

| Course name | Duration | 2019-20 | |
|---|----------|------------|------------|
| | | Intake | Enrolled |
| B.Sc. Perfusion Technology | 4 years | 5 | 5 |
| B.Sc. Medical Dialysis Technology | 4 years | 20 | 15 |
| B.Optomety | 4 years | 20 | 18 |
| B.Sc. Operation Theatre&Anaesthesia Technology | 4 years | 20 | 20 |
| B.Sc. Medical Imaging Technology | 4 years | 30 | 22 |
| B.Sc. Medical Laboratory Technology | 4 years | 30 | 30 |
| B.Sc. Cardiac Care Technology | 4 years | 5 | 5 |
| Total | | 130 | 115 |

Post-Graduate (PG)Programme:

| Course name | Duration | 2019-20 | |
|--|----------|------------|-----------|
| | | Intake | Enrolled |
| M.Sc. Biotechnology | 2 years | 20 | 9 |
| M.Sc. Genetics | 2 years | 20 | 10 |
| M.Sc. Clinical Embryology | 2 years | 5 | 5 |
| M.Sc. Molecular Biology | 2 years | 20 | 10 |
| M.Sc. Clinical Nutrition | 2 years | 10 | 7 |
| Masters of Public Health | 2 years | 5 | 2 |
| Master of Hospital Administration | 2 years | 15 | 13 |
| M.Sc. Biostatistics | 2 years | 10 | 3 |
| M.Sc. Cardiac Care Technology | 2 years | 5 | 3 |
| M.Sc. Medical Imaging Technology | 2 years | 5 | 1 |
| M.Optomety | | 5 | 2 |
| Total | | 120 | 66 |

Ph D Program:

| PhD Programs | Subjects |
|--------------|--|
| | Medical Biotechnology |
| | Medical Sciences (pre, para, clinical) |
| | Medical Genetics |
| | Hospital administration |
| | Biostatistics |

RESEARCH CONTRIBUTION:

SBS promotes faculty and students for taking up research as a priority. It provides technical support for research and a nucleus for interdisciplinary research so as to contribute towards the advancement of human knowledge by adding something new. This year SBS published one Patent and one design. We SBS has research collaborations and linkages for our faculty members and students. In spite of the hardships faced due to the ongoing pandemic we have managed publications, presented papers and participated in the conferences, seminars and workshops.

| PATENTS: | | | | |
|--|--------------------------------|--|-----------------------------------|-------------------|
| Name of the Patenter/Copyright awardee | Patent Number/Copyright Number | Title of the patent/Copyright | Year patent was awarded/published | Published/Awarded |
| MGMSBS | 318667-001 | Design patents for Custom-built Electrophoresis system | 12-06-2019 | Applied |
| YADAV, Raman Prasad, KADAM, Sudhira Chandra Nansaheb, KADAM, Nitin Nansaheb, BHAGIT, Amita Anant. | 201721040727A | Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen. | 22/11/2019 | Granted |

Copyrights

| Title of the Invention | Application | Inventors | Date of Publication/ Filing | Published/Filed |
|--|---------------|--|-----------------------------|-----------------|
| Establishment Of Hydroponics Lab & Preliminary Phytochemical Screening Of Vegetables | L-814325/2019 | Mansee Thakur, Smital Kulkarni, Poonam Patil | 19/03/2019 | Published |

| | | | | |
|--|--------------|---|------------|-----------|
| Calculation Of The Percentage Of Chromogranin A Cells In Foetal Suprarenal Gland Of Different Gestational Ages Using Immuno histochemistry | L-81432/2019 | Dr. Mini Mol, Dr.Gautam Shroff, Dr. Mukherjee | 19/03/2019 | Published |
| MGM – Vacuum DressingSystem | L-81497/2019 | Yogesh Patil, Mansee Thakur, Dr.V.K. Suri, Dr. Salgotra | 27/03/2019 | Published |
| Role Of MTHFR Genetic Polymorphisms In Preterm Labour And Birth | L-83409/2019 | Dr Mansee Thakur , Surya Panikar , Dr Sunil Sharma | 20/06/2019 | Published |
| Effects Of Biologically Synthesized Fe ₂ O ₃ Nanoparticles On Spinacia Oleracea Growth And Development | L-83417/2019 | Dr Mansee Thakur , Smital Kulkarni, Gargi Chapekar, Priyanka Patil | 20/06/2019 | Published |

PUBLICATIONS:

1. Smital Kulkarni, Niharika Swain, Mansee Thakur Sub-acute Toxicity Assessment of Green Synthesized Hematite Nanoparticles (α -Fe₂O₃ NPs) using Wistar Rat, Research Journal of Biotechnology 2020;15(4):121-13.
2. VinayKumar,ManseeThakur,The expanding antimicrobial resistance and shrinking antibiotic arsenal: Phytochemicals- a Ray of Hope MGM Journal of Medical Sciences 2020;6(4:) 191-193.
3. Rupali Gujar, Archana Mishra, Kuldip R. Salgotra Patients' perceived service quality for Mahatma Jyotiba Phule Jan Arogya Yojana: A study conducted at tertiary care hospital in Raigad district. MGM Journal of Medical Sciences2020;6(4): 181-186.
4. Kapil Thakur P. ,Mini Mol, Madhuree Gawhankar,Himanshu Gupta, Priyanka Patil and Mansee Thakur Physicochemical characterization and antimicrobial properties of *Mahamanjishthadikadha*: An Ayurvedic formulation Annals of Phytomedicine: An International Journal 2020;9(1) 78-91

5. Niharika Swain¹, Mansee Thakur², Jigna Pathak¹, Biswaranjan Swain SOX2, OCT4 and NANOG: The core embryonic stem cell pluripotency regulators in oral carcinogenesis *Journal of Oral and Maxillofacial Pathology* 2020;24(2):368-372
6. Vishal Punjabi, Shilpa Patel, Jigna Pathak, Niharika Swain Comparative evaluation of staining efficacy of calcofluor white and acridine orange for detection of *Candida* species using fluorescence microscopy – A prospective microbiological study *Journal of Oral and Maxillofacial Pathology* .2020;24(2): 81-86
7. M Thakur, A Ravichandran, P Sinha, P Kalia, R Mishra Heartfulness Meditation Promotes Life Satisfaction. *International Journal of Scientific Research*, 2020;9(1)
8. Ganguly BB, Kadam NN Age related disease burden in Indian population. *Journal of the National Medical Association*.2020;7
9. Ganguly BB, Mandal S, Kadam N N Frequency of micronuclei in population of Bhopal exposed to methyl isocyanate in 1984 Nucleus.2019
10. Harshada Thakur, Priyanka Pareek, Suhas Oti An exploratory Pilot on Body Composition and Nutrient Intake Associated with Premenstrual Syndrome among Young Women. *Indian journal of public health research & development* .2019;10(7)

COLLABORATION/LINKAGES:

| Title of the Collaborative activity | Name of the collaborating agency with contact details | Name of the participants | Year of collaboration | Duration | Linkage/MOU |
|---|---|---|-----------------------|-----------|---------------|
| Academic, Clinical training , Internship , Project work, student/ faculty exchange , Research | Institute for future education entrepreneurship and leadership(iFeel), Lonavala | MGM SBS (Dr Mansee Thakur, Dr Archana) | 2020 | Till Date | MOU |
| Provide Diagnostics service to Patients treatment and other services including Microbiological services | MGM Medical College & Hospitals Central Laboratory MGM campus Kamothe Navi Mumbai and UDC Satellite Laboratory Pvt Ltd | MGM Medical college Kamothe (Dr Mansee Thakur, Dr Samir Pachpute) | 2020 | Till Date | MOU |
| Provide Diagnostics service to Patients treatment and other services including Microbiological services | MGM Medical College & Hospitals Central Laboratory MGM campus Kamothe Navi Mumbai and MIMER Medical College And Dr BSTR Hospital Talegaon Maval Pune | MGM Medical college Kamothe (Dr Mansee Thakur, Dr Samir Pachpute) | 2020 | Till Date | MOU |
| Provide Diagnostics service to Patients treatment and other services including Microbiological services | MGM Medical College & Hospitals Central Laboratory MGM campus Kamothe Navi Mumbai and Smt Kashibai Navale Medical college and General Hospital Narhe Pune | MGM Medical college Kamothe (Dr Mansee Thakur, Dr Samir Pachpute) | 2020 | Till Date | MOU |
| Comparison between growing Muskmelon (cucumis melo) | Himedia , Vadhni Industrial estate Ghatkopar | Surabha and Dr Mansee Thakur | 2019 | Till Date | Collaboration |

| | | | | | |
|---|--|-------------------------------------|------|-----------|---------------|
| in different hydroponic system | | | | | |
| Comparison between growing Cucumber (cucumis sativus) in different hydroponic system | Himedia , Vadhni Industrial estate Ghatkopar | Kalaivani and Dr Mansee Thakur | 2019 | Till Date | Collaboration |
| Academic, Clinical training , Internship , Project work, student/ faculty exchange, Research | Pillai College of Arts , Commerce & science | MGM SBS (Dr Mansee Thakur) | 2019 | Till Date | MOU |
| Academic, Clinical training , Internship , Project work, student/ faculty exchange , Research | Nirmala Niketan college of Home Sciences , New Marine Lines Mumbai | MGM SBS (Dr Mansee Thakur) | 2019 | Till Date | MOU |
| Project Work | ChromoXpert | Dr Anjali Sabnis | 2019 | Till Date | MOU |
| Academic, Clinical training , Internship , Project work, student/ faculty exchange, Research | Apollo fertility centre | MGM SBS (Dr Mansee Thakur, Dr Mini) | 2019 | Till Date | MOU |



MGM SBS arranged a lecture for all PG students on “**Research Publication, Ethics, Indices & Citation**” on 14th August 2019 conducted by **Dr. Vinay Mallik**, Phd , SERB-DST Young Scientist , Coordinator, DBT Star College and DST - FIST Schemes, Associate Professor, Department of Biotechnology, Modern College, Pune



Ph.D. Viva-Voce & Thesis Defence Examination was conducted for **Mr. Shoib Haider & Ms. Sweeta Mahtre** from Dept of Medical Biotechnology, Under the guidance of **Dr.Chander Puri & Dr.Raman P. Yadav** respectively

PAPER PRESENTED BY FACULTIES AND STUDENTS:

| Department | Name of The Faculty | Name of the Seminars/Conference/Symposia | Organised name of the conference | Title of the Paper | Name of the Program |
|--------------------|----------------------------------|---|--|---|---------------------------------|
| Clinical Nutrition | Dr. Priyanka Pareek | 51 National conference, NSI Nutrition security; blending tradition with Modern Technology | Nutrition Society of India, Rajiv Gandhi centre for Biotechnology, Thriuvanthapuram, Kerala, | Cluster of risk behaviours of non-communicable diseases among college student | Conference |
| Clinical Nutrition | Dr. Priyanka Pareek | Nutrition live online ASN 2020, | American Society of Nutrition | Perceived stress and dietary behaviour of Adolescent girls | International Conference |
| Genetics | Ms. Surya Panicker (PhD scholar) | National level Seminar on - Biotechnology in Diagnostics | Pillai College Panvel | Role of MTHFR gene polymorphisms in preterm labor and birth | Seminar |
| Biotechnology | Mr. Yogesh Patil | Bio Entrepreneurship Competition 2020 to present startup idea for the business proposal. | TSEC college of Engineering, Bandra | “Design and Development of Low cost DNA Detection system”. | Bioentrepreneurship Competition |
| Biotechnology | Ms. Smital Kulkarni | International conference of Paediatric Applied Nutrition, NUTRICON 2019 | Dept of Pediatrics, MGM hospital and Pediatric Association of India | | Second prize |

CONTRIBUTION OF FACULTY AS RESOURCE PERSON:

| Dept. | Name of The Faculty | Name of the Seminars Conference /Symposia | Name of Organisation who arrange Seminars Conference /Symposia |
|----------------------------|-------------------------------------|---|--|
| Biotechnology | Dr. Himanshu Gupta | One Day Regional Training Programme For Admin Users Of PDS (URKUND)” | MGMIHS, INFLIBNET |
| MHA | Dr. Archana Mishra | TISS (Mumbai) | National Conference in coordination with Confederation of Indian Industries (CII) on Artificial Intelligence on Health Informatics and Virtual Reality |
| Biotechnology | Dr. Mansee Thakur | International conference on advance paediatric nutrition, Nutricon 2019 | MGM,Medical college and hospital, Paediatric dept., SBS and IAP |
| Clinical Nutrition | Dr. Priyanka Pareek | International conference on advance paediatric nutrition, Nutricon 2019 | MGM,Medical college and hospital, Paediatric dept., SBS and IAP |
| Clinical Nutrition | Dr. Priyanka Pareek | MHL | Nutrition Management of patient with covid-19 |
| Optometry | Mrs. Vidula Patil & Mr. Rohit Gupta | MHL | Eye Care in Covid -19 |
| Clinical Embryology | Dr. Mini Mol | MHL | Covid 19 & Pause on Fertility |
| MHA | Dr. Archana Mishra | MHL | Myths & Facts about Covid 19 |
| MHA | Dr. Archana Mishra | MHL | Hospital Management of discharge & dead suspected or confirmed Covid 19 |



Dr. Himanshu Gupta participated in one week **ADVANCED TRAINING PROGRAMME ON BIBLIOMETRICS AND RESEARCH OUTPUT ANALYSIS** organised by Information and Library Network (INFLIBNET) centre at Gandhinagar, Gujarat from 22nd to 27th July 2019

नवभारत Bilaspur City - 13 Aug 2020 - 13nya5
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कई वैक्सीन्स के वैज्ञानिक ट्रायल चल रहे, कुछ सफलता के बेहद करीब

कोरोना की वैक्सीन ही इस युग की संजीवनी सिद्ध होगी: डॉ. शुक्ला

डीएलएस कॉलेज में वैक्सीन अगेंस्ट कोविड-19 पर इंटरनेशनल कॉन्फ्रेंस

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कोरोना वायरस आज अपने भीषणतम रूप में हमारे सामने आ चुका है. वैज्ञानिक निरंतर इस पर प्रयोग कर रहे हैं. कोरोना का वैक्सीन ही इस युग की संजीवनी सिद्ध होगी. उक्त बातें डीएलएस कॉलेज में वैक्सीन अगेंस्ट कोविड-19 विषय पर आयोजित इंटरनेशनल कॉन्फ्रेंस में बीसीआई नई दिल्ली के उप महाप्रबंधक एवं मुख्य वक्ता डॉ. शिवकांत शुक्ला ने कही. उन्होंने कहा कि कोरोना वायरस जैविक व अजैविक के बीच की एक कड़ी है साथ ही इसके विभिन्न परिवर्तित होने वाले रूप भी सामने आते रहते हैं इसके विशेषताओं के कारण ही वैक्सीन बनने में विफल हो रहा है किन्तु विज्ञान यह आश्वस्त करता है कि बहुत शीघ्र हमारे सामने इसका प्रमाणित वैक्सीन उपलब्ध हो जाएगा. डॉ. शुक्ला ने कहा

से गुजर रहा है वैक्सीन का निर्माण आज बहुत ही आवश्यक हो चुका है. ई-कॉन्फ्रेंस का उद्घाटन मॉं वीणापाणि सरस्वती की प्रार्थना व राज्यगीत 'अरपा पैरी के धार' से हुआ. महाविद्यालय के चेयरमैन बसंत शर्मा ने अपने सम्बोधन में कोविड-19 के इस विषय समय में इस ई-कॉन्फ्रेंस को वैश्वीकरण संस्थानों के द्वारा करने का रहे

देश की विशाल जनसंख्या के कारण कोविड भीषण चुनौती
 रिसोर्स पर्सन डॉ.मानसी ठाकुर, प्रोफेसर व डॉयरेक्टर एमजीएमएसबीएस, एमजीएम, इस्टीट्यूट ऑफ हेल्थ साइंस नवी मुम्बई, ने कहा कि कोरोना वायरस के विभिन्न स्ट्रैन्स की विस्तृत व्याख्या की साथ ही उन्होंने स्पष्ट किया कि भारत की विशाल जनसंख्या को देखते हुए कोविड किस प्रकार एक भीषण चुनौती बनकर सामने खड़ा हुआ है.

विभिन्न स्थितियों में शरीर में प्रवेश की वजह से नियंत्रण से बाहर
 रिसोर्स पर्सन डॉ.दिव्या मिश्रा कन्सास स्टेट यूनीवर्सिटी मेनहट्टन न्यूयॉर्क सिटी ने कोरोना वायरस की जिनोमिक संरचना को विस्तार से बताते हुए कहा कि यह विभिन्न परिस्थितियों में मानव शरीर

Dr. Mansee Thakur Delivered lecture as a Resource Person at International e-Conference entitled "VACCINE AGAINST COVID-19: OPPORTUNITIES AND CHALLENGES" Organized by Department of Biotechnology and Microbiology in association with IQAC and R & D Cells, DLS PG college, Bilaspur, CG, on 10 AUG 2020



FACULTY DEVELOPMENT: Resource person, seminar and conference attended
 Faculty as External Expert – BOS Meeting

- Dr. Mansee Thakur invited as external expert for the BOS meeting at Pillai college of Arts, Commerce & Science, Navi Mumbai
- Dr. Mini Mol invited as External examiner at SMBT Dental college & Hospital, Sangamner, Nasik
- Dr. Archana Mishra invited as a resource person at Tata Institute of Social Sciences (TISS), Deonar Mumbai for a National Conference in coordination with Confederation of Indian Industries (CII) on Artificial Intelligence on Health Informatics and Virtual Reality on 30 and 31st August 2019.
- Dr. Priyanka Pareek, Asst. Professor, MGMSBS, was the event coordinator and resource person for the International Conference on Applied Paediatric Nutrition and Preconference Workshop – 3 day conference.
- Dr. Mansee Thakur Delivered lecture as a Resource Person at National Webinar on "Biotechnology Intervention in Combating COVID 19" Organized by Department of Biotechnology, Seth Phoolchand Agrawal Smriti Mahavidyalaya, Raipur C.G. on 30th July 2020



2 week faculty development program from : 1st July 2020 to 16th July 2020 on **“Advanced concept for Developing MOOCs”** organized by Ramanujan College, University of Delhi **Sponsored by MHRD’s** Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching attended by 4 of our faculties (**Dr. Mini Mol, Ms. Vidula Patil, Ms. Minal Kanse & Ms. Krupali Pawar**)



Date: Event: 7 DAYS – International Faculty Development Programme on the Recent Advances in the Next Generation Sequencing’ organized by Centre for Ocean Research, Sathyabama Institute of Science and Technology, Chennai from 27th July to 2nd August was attended by **Dr. Mansee Thakur & Dr. Himanshu Gupta**

PARENTS TEACHERS INVOLVEMENT

Parent Teacher Meeting For Internship Undertaking



Parents Teachers Meeting conducted for internship students on 20th August 2019 by the Director along with the respective program coordinators to acquaint students and parents about the **Internship program** for the year 2019-2020. The parents were also asked to sign the form of consent and were given a chance to clear any queries about the same. More than 70 students and parents attended the meeting.



- Program on **“Coping skills and building resilience - the Heartfulness way”** was conducted by Mrs. Gitanjali Saini, who explained students about how to build positive beliefs, our own ability to cope with the stresses of life which can play an important part in resilience.
- This session was followed by **Music Therapy** in which our own staff Mr Rohit Gupta taught the students the beauty of music therapy and how it helps people in a physical, mental, emotional and social way.
- program on **Sound Healing** was conducted by Mrs Gitanjali Saini who explained the importance of meditation and how to live a stress free life and also exhibited the benefits of **Sound therapy**.
- The last session for the day was on **Networking And Ethics** in which our program coordinator Dr Saloni taught the basic values of Networking And Ethics in our daily life.



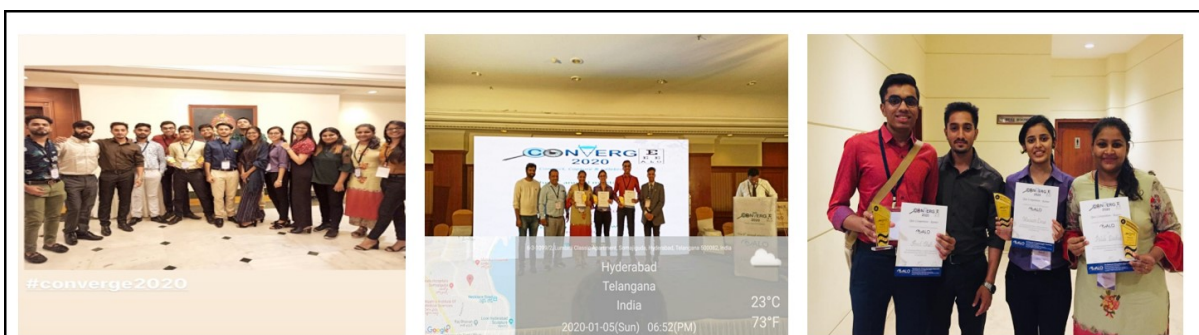
Creativity, problem solving & Grooming session conducted for for B.Sc Allied Health science Students by Dr. Archana Mishra who explained the students about the problems they may face in future and how to tackle it. Another topic on **Emotional Intelligence** was conducted by our Guest faculty Dr. Rita Nagpal who defined emotions and explained what emotional intelligence is and also how to handle it in the form of meditation.

STUDENTS ACHEIVMENTS AND CONTRIBUTIONS: Our students have achieved various awards in conferences, seminars and in different events.

Awards Secured By Students In Various Events:

| Department | Course (UG/PG) | Date | Topic | Name and Numbers of students participated | Name of the College where conducted | Award if any |
|-----------------------|----------------|---------------------|---|--|---|--|
| Medical Biotechnology | PG | Jul-19 | convocation | Ms. Gargi Chapekar | MGMIHS | Chancellor Award |
| BSc DT | UG | 22nd September 2019 | CDE on - Vascular access care symposium | Ms.Ifra | Total 27 students participated | received 2nd Prize out of total 300 participants |
| BSc DT | UG | 22nd September 2019 | CDE on - Vascular access care symposium | Ms. Prachitee | Total 27 students participated | received 6th Prize out of total 300 participants |
| MSc genetics | PG | 21st Sept 2019 | National level Seminar on - Biotechnology in Diagnostics | Ms. Surya Panicker (PhD scholar) | 29 MSc and PhD students Poster presented by 20 Students | 1st prize for Poster |
| MSc genetics | PG | 21st Sept 2019 | National level Seminar on - Biotechnology in Diagnostics | Ms Madhu & Ms. Tanvi | 29 MSc and PhD students Poster presented by 20 Students | 3rd prize for poster |
| MSc biotechnology | PG | 21st Sept 2019 | National level Seminar on - Biotechnology in Diagnostics | Ms Elizabeth Reji | 29 MSc and PhD students Poster presented by 20 Students | Best Poster design |
| MSc biotechnology | PG | 25th Sept 2019 | DBT Star status activity - The Mushroom festival, organized by Department of Microbiology | Ms. Shaila Kotkar & Ms. Sneha Rokade (MSc Biotechnology) | 4 MSc Biotechnology students | 2nd prize at the Cookery competition |

| | | | | | | |
|-----------------------------|-----|---------------------|--|---------------------|---|---------------------------------|
| Phd - medical genetics | phd | Sep-19 | 2019 NGBT | Dr. Niharika Swain | - | NGBT GYAN Scholarship award |
| Phd - medical biotechnology | phd | 23-25th August 2019 | International conference of Paediatric Applied Nutrition , NUTRICON 2019 | Ms. Smital Kulkarni | - | 2nd prize for her paper present |



15 Students & 1 staff of MGMSBS, Department of Optometry, participated in **National Level Conference “Convergence 2020” Organised by ALO (Alumini of L V Prasad eye institute ,Hyderabad)** on 4th & 5th January 2020.

Student has participated in quiz competition with other **9 teams** from Various Optometry colleges from different regions of India and secured **2nd position in quiz competition**



2 student of MSc Medical Genetics were selected for Wetlab Championship 2K19 - **2nd Round of National level Competition for Life Sciences students at IIT Hyderabad** conducted by E.Cell IIT Hyderabad 13 th Oct 2019



National level Seminar on - Biotechnology in Diagnostics was conducted by Pillai college of Arts, Commerce and Science on 21st Sept 2019 which was attended by 29 MSc and PhD students. Posters presented by 20 Students. **1st prize for Poster** – Ms. Surya Panicker (PhD scholar) **3rd prize** – Ms Madhu & Ms. Tanvi (MSc Biotechnology & Genetics) **Best Poster design** – Ms Elizabeth Reji (MSc Med Biotechnology)



Consecutively, Second year in a row, **Ms. Gargi Chapekar**, student of MSc Medical Biotechnology received the **Chancellor Award** for her all-round performance which included good academic performance and publishing **one paper, two copyrights**



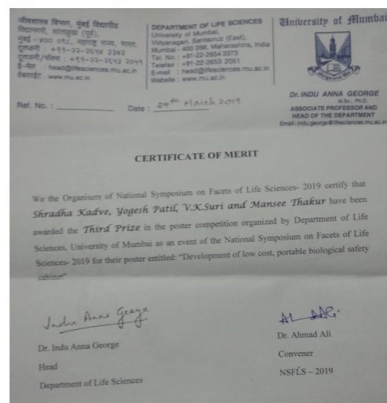
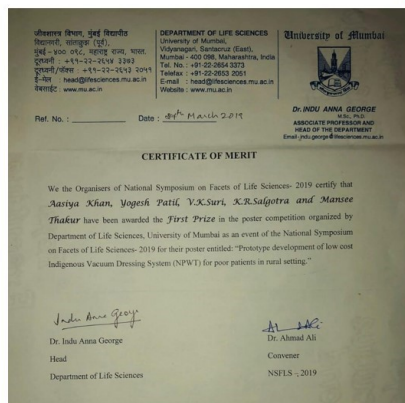
27 student from **BSc Dialysis Technology** attended the **CDE on - Vascular Access Care Symposium** conducted by LTMG Medical College, Sion, on 22nd September 2019 where **Ms.Ifra & Ms. Prachitee** received **2nd & 6th Prize** out of total 300 participants



MGMSBS Students participated in NanoExpress 2019 a conference on “Nanotechnology for Sustainable Development”, held on 15th and 16th of March, 2019 at National Center for Nanosciences and Nanotechnology, University of Mumbai. Students participated in poster and oral paper presentation.

Participated by – Phd Scholar Mrs. Smital Kulkarni and Final year student Ms. Priyanka and Ms. Gargee

Poster and paper presentation

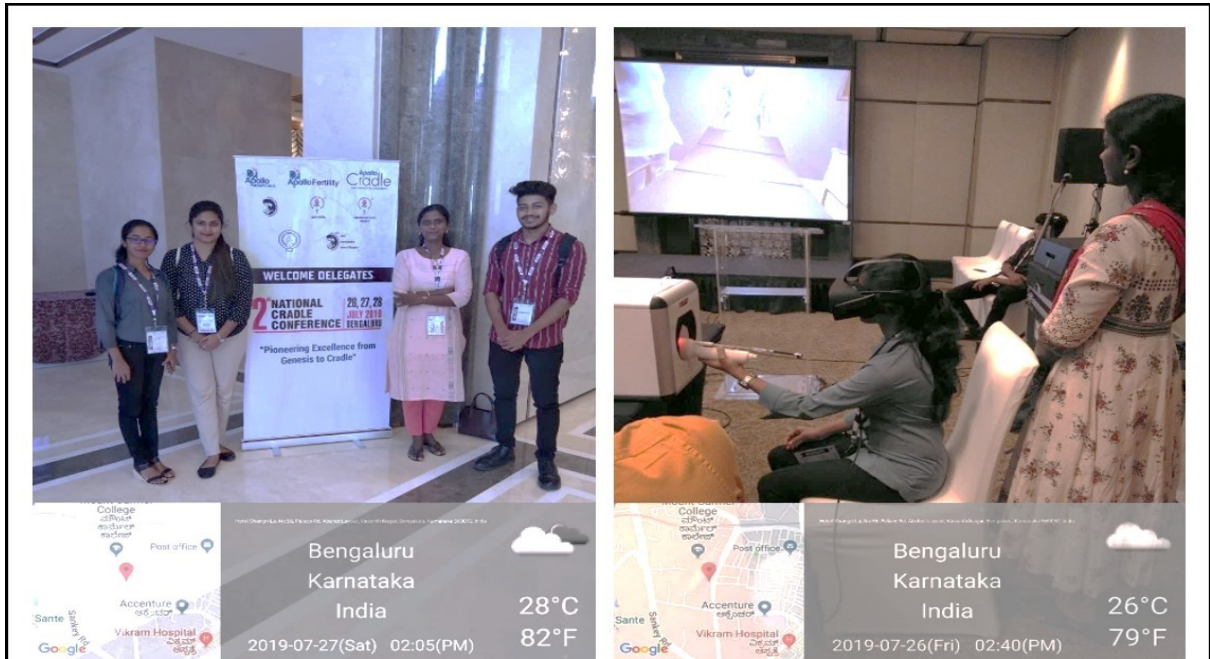


- MGMSBS Students participated in a conference on **“National Symposium on Facets of Life sciences-2019”**, held on **26th & 27th March, 2019** at National Center for Nanosciences and Nanotechnology, University of Mumbai. Students participated in poster and oral paper presentation. Mr. Yogesh Patil (PhD Scholar) & Ms. Aasiya Khan were awarded 1st in oral and Mr. Yogesh Patil (PhD Scholar) & Ms. Shraddha Kadve (2nd Sem) were awarded 3rd.
- Participated by – Phd Scholar **Mr. Yogesh Patil & Ms. Panikar Surya** and Msc students **Ms. Asiya Khan, Ms. Shraddha Kadve, Ms. Gargi Chapekar**

CONFERENCES, SEMINAR, WORKSHOPS ATTENDED BY THE STUDENTS:

| Department | Name of the Students | Details of the Conference | Organising Agency (MGM Or Other Agency) | Date of event |
|--|----------------------------|---|--|----------------------------|
| Orthopaedic Dept | 20 B.Sc. MRIT | International Endospine Cadaveric Training Workshop and live Surgery conference | MGM hospital, Navi Mumbai | 4th to 7th JULY 2019 |
| Department of Pathology, Microbiology and Biochemistry | 70 students from BSc, MLT. | Techno voice CME 2019 | MGM hospital, Navi Mumbai | 12th July 2019 |
| Optometry | 20 Optometry students | Vision by Design 2019 | Orthokeratology and myopia society | 8th september 2019 |
| Clinical Embryology | 3 students + 1 staff | National Cradle Conference, APOLLO | APOLLO Speciality Hospitals (APOLLO Cradle and APOLLO Fertility) in partnership with Indian Academy of | 26th, 27th, 28th July 2019 |

| | | | | |
|--------------------------|--|---|---|--------------------------|
| | | | Pediatrics (IAP BPS) and Bangalore Society of Obstetrics and Gynaecology (BSOG) | |
| Biotechnology / genetics | 29 MSc and PhD students Poster presented by 20 Students | National level Seminar on - Biotechnology in Diagnostics | | 21st Sept 2019 |
| Biotechnology / Genetics | 4 MSc Biotechnolgy students | DBT Star status activity - The Mushroom festival, organized by Department of Microbiology | | |
| | 32 | Pharma Week - Training on Pharma instruments | | 18th September 2019 |
| Clinical Nutrition | 8 | IMW workshop by IAPEN, under IAPEN malnutrition week | IAPEN | 14th september 2019 |
| Dept of Biotechnology | PG students | Research Publication, Ethics, Indices & Citation | MGM,SBS | 14th August 2019 |
| Clinical Embryology | 5 | Basic techniques and equipment used in IVF. | Dr.Pritimala Gangurde's Kandivali | 24th August 2019 |
| Clinical Nutrition | 18 MSc Clinical Nutriion, 30 students from Nirmala Niketan college and 30 from BMN College and nursing s and medical students , medical students, dieticians from all over India | International Conference on Advance and Applied Paediatric Nutrition, 2019 | MGM, Medical college | 23rd to 25th August 2019 |
| Optometry | 63 students (2nd & 3rd B.Optomety and 2 students of MSc-Optometry). | Competency Based Learning Model Seminar | MGM, Medical college | 24th August 2019 |



Dr. Mini Mol with 3 of her MSc Clinical Embryology students participated as a Delegate at the NATIONAL CRADLE CONFERENCE 2019 organised by APOLLO Speciality Hospitals (APOLLO Cradle and APOLLO Fertility) in partnership with Indian Academy of Pediatrics (IAP BPS) and Bangalore Society of Obstetrics and Gynaecology (BSOG) on 26th, 27th, 28th July 2019 at Bangalore.



- All students of **Clinical Embryology** attended a workshop, **Dr. Mandakini Parihar Infertility CME workshop, 3P** (Preconception Pre-implantation Prenatal) with IVF specialist, Obstetricians, Gynaecologists on basic techniques and equipments used in IVF such as Embryoscope time lapse system and sessions were conducted on various topics, on **25th August 2019 08:30am** at **The Regenza by Tunga, Vashi, Navi Mumbai**



MGMSBS conducted a guest lecture on **7th December 2019** by **Mrs. Gurdeep Kaur, Registered Dietician, AIIMS Hospital Delhi**, who has designed the software Dietcal for research purpose and is also a member of **National Executive Committee IDA** and member of registered Dietician board. The session was attended by about 30 MSc students from Clinical Nutrition, Biotechnology, MPH and Faculty.



15 students from Department of MLT attended the 9th CME for MLT held at Tata Memorial centre, Mumbai on 3rd & 4th January 2020.

Our student **Ms. Shrusti Kadam** participated in the quiz competition and secured **2nd prize**.

In total 150 students participated in the CME

EXTENSION AND NSS ACTIVITIES: As a part of health institute SBS has conducted and participated in several extension activities and NSS volunteer team has also conducted awareness program for the society.

| 2019-20 | Tobacco Awareness Pledge | MGM School of Biomedical Sciences | 1 | 1 |
|---------|---|--|-----|---|
| 2019-20 | Tree Plantation Drive | MGM School of Biomedical Sciences | 76 | 2 |
| 2019-20 | World Breast feeding week celebration | MGM School of Biomedical Sciences (Dept of Clinical Nutrition) | 9 | 1 |
| 2019-20 | One Student Tree Initiative | MGM School of Biomedical Sciences | 1 | 1 |
| 2019-20 | Innovative counselling techniques (Type 2 Diabetes) | MGM School of Biomedical Sciences (Dept of Clinical Nutrition) | 9 | 1 |
| 2019-20 | Blood Bank Camp | MGM School of Biomedical Sciences (Dept of Clinical Nutrition) | 4 | 1 |
| 2019-20 | Pulse Polio Drive | MGM School of Biomedical Sciences | 30 | 1 |
| 2019-20 | International Peace Day | MGM School of Biomedical Sciences | 100 | 1 |
| 2019-20 | Talk on Nutrition for Pregnant and Lactating Women | MGM School of Biomedical Sciences (Dept of Clinical Nutrition) | 9 | 1 |
| 2019-20 | Nutrition month celebration, community activity | MGM School of Biomedical Sciences (Dept of Clinical Nutrition) | 9 | 1 |
| 2019-20 | Rakt Daan is Mahadaan | MGM School of Biomedical Sciences (Dept of MLT) | 2 | 0 |
| 2019-20 | Plastic Eradication Rally | MGM School of Biomedical Sciences (Dept of MLT) | 30 | 1 |
| 2019-20 | Nutrition month celebration, community activity | MGM School of Biomedical Sciences (Dept of Clinical Nutrition) | 140 | 1 |
| 2019-20 | Vision Screening of students | MGM School of Biomedical Sciences (Dept of Optometry) | 6 | 2 |
| 2019-20 | Bus Driver Eye Check Up Camp | MGM School of Biomedical Sciences (Dept of Optometry) | 9 | 2 |
| 2019-20 | Vision Screening of students | MGM School of Biomedical Sciences (Dept of Optometry) | 6 | 2 |
| 2019-20 | Blood Bank Camp | MGM School of Biomedical Sciences (Dept of MLT) | 4 | 1 |
| 2019-20 | Importance of Vision Therapy For Special Children | MGM School of Biomedical Sciences (NSS) | 50 | 1 |
| 2019-20 | Guest Lecture: Different techniques to impart value education | MGM School of Biomedical Sciences (Dept of Optometry) | 100 | 2 |

| | | | | |
|---------|---|---|-----|---|
| 2019-20 | Gender Sensitization Workshop | MGM School of Biomedical Sciences (NSS) | 150 | 1 |
| 2019-20 | A Vision of Pollution free City (Minithon) | MGM School of Biomedical Sciences (NSS) | 30 | 1 |
| 2019-20 | Walk together for Healthy Life | MGM School of Biomedical Sciences (NSS) | 50 | 2 |
| 2019-20 | National Polio Campaign | MGM School of Biomedical Sciences (NSS) | 26 | 2 |
| 2019-20 | Chalo Taloja MIDC Let's Walk Together For "Health, Safety & Environment | MGM School of Biomedical Sciences (Dept of MLT) | 50 | 2 |
| 2019-20 | Gender Fair & Safety Audit | MGM School of Biomedical Sciences | 70 | 1 |
| 2019-20 | Road Safety Week | MGM School of Biomedical Sciences (NSS) | 20 | 1 |
| 2019-20 | Training on Gender equality & women safety | MGM School of Biomedical Sciences | 24 | 1 |
| 2019-20 | International women's day is celebrated globally | MGM School of Biomedical Sciences | 115 | 3 |
| 2019-20 | Appreciation for Healthcare workers to fight against covid 19 pandemic | MGM School of Biomedical Sciences (NSS) | 250 | 3 |
| 2019-20 | Awareness regarding Outbreak of COVID 19 by National Health Mission(SMS activity) | MGM School of Biomedical Sciences (Dept of MLT) | 110 | 2 |
| 2019-20 | International Yoga Day | MGM School of Biomedical Sciences (NSS) | 10 | 1 |
| 2019-20 | NGO Event for Covid 19 relief | MGM School of Biomedical Sciences (NSS) | 1 | 1 |



60 students of B.Sc. AHS along with 2 faculties participated in “**DHYANOTSAV**”: **Heartfulness fest 2019** at CIDCO Exhibition Centre, Vashi in collaboration with **Ministry of AYUSH**. Dr. Ramaswami, (IAS) Commissioner, Navi Mumbai Municipal Corporation and Mr. Rajkumar, (IPS) IG CRPF graced the inaugural event as part of the International Yoga Day Celebration.

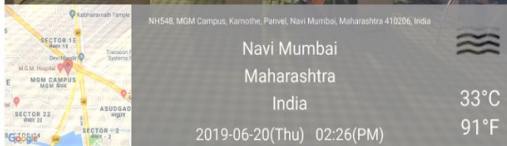


World Environment Day celebration 2019: Carrying forward the legacy of the saying ‘पर्यावरण बचे तो प्राण बचे’, the students of MGM School of Biomedical Sciences, Kamothe decided to promote this year’s theme of AIR POLLUTION by participating in various activities like Skit competition, drawing competition etc. organised by Department of PSM, MGM Medical college.

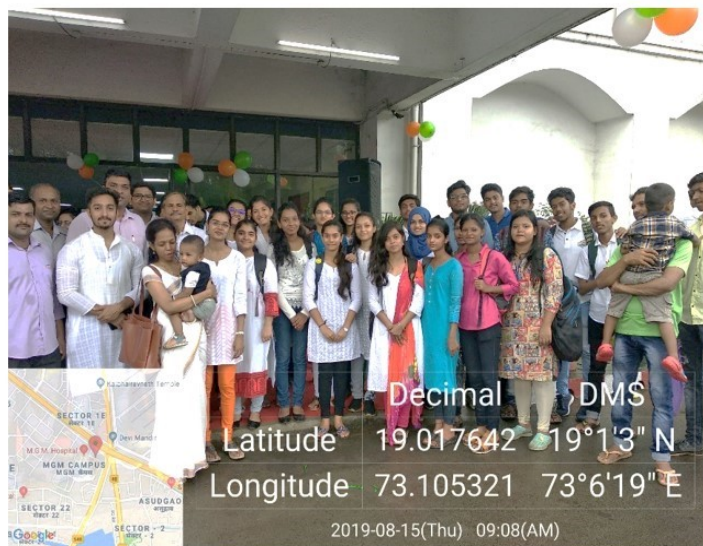
Total participants – 50 + MGM SBS staff



MGMSBS celebrated International Yoga Day from **18th June 2019 till 20th June 2019**. Meditation and Yoga Training (3 day workshop) was arranged for the students between 18th June 2019 to 20th June 2019. On 20th June 2019, students of MGMSBS along with the staff participated in celebration of 5th International Yoga Day organised by Department of Physiology in association with Department of Medicine, Social and Preventive Medicine, School of Physiotherapy, School of Biomedical Sciences and School of Nursing.



Total participants – 130 + MGMSBS staff



Participated in the 73rd Independence Day celebration at the Institute along with active participation in the **UGC** initiative for **One Student Tree Initiative**
Participated by staff and student of MGMSBS

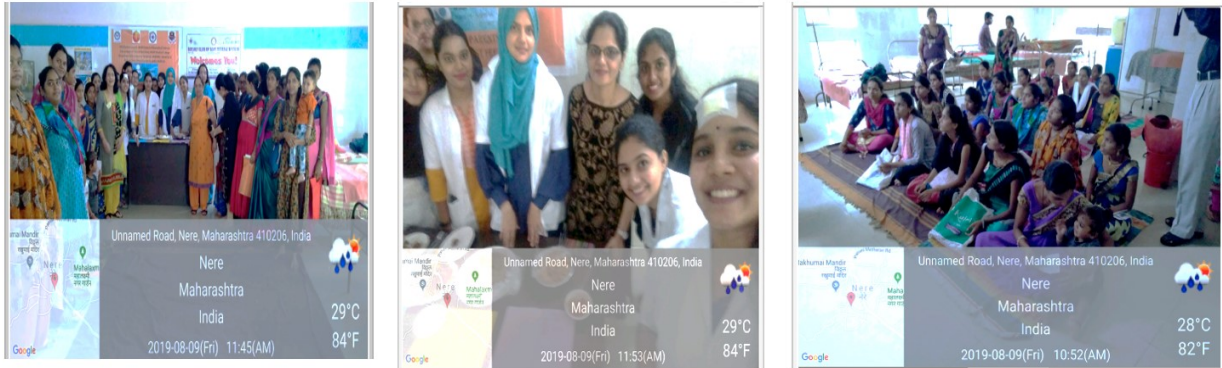


| | |
|---------------------------|---|
| EVENT | Pulse polio drive (government program) |
| ON | 15th September 2019 |
| TOTAL PARTICIPANTS | 30 1st year BSc students |



| | |
|-------------------|-------------------------------------|
| EVENT | School Eye Screening Camp |
| AT | Khopoli. |
| ON | 24th & 25th September 2019 |
| HIGHLIGHTS | 488 school students screened |

World Breast feeding week celebration



A joint activity was conducted by **Dept. of Clinical Nutrition** (MGM School of Biomedical Sciences), **Dept. of Community Medicine** (MGM Medical College), **NSI Mumbai chapter** and **Rotary club Navi Mumbai Bay side**.



Location: FATHER AGNELS SCHOOL AND JUNIOR COLLEGE, VASHI

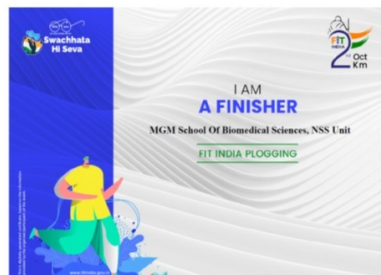
Date & Time: 19/10/19 1 PM to 5 PM

Department of Optometry, in collaboration with **OPTOMETRY COUNCIL OF INDIA**, had organized an **COMPREHENSIVE EYE CHECK UP CAMP**, for **SCHOOL BUS DRIVERS** and supporting staff at **FATHER AGNELS SCHOOL, VASHI**

Total 47 patients were screened on the day and **8 were referred** to **MGM HOSPITAL, KAMOTHE** for detailed evaluation.

The team efforts were appreciated by the Vice **Principal Ms. VIJAYA** and this refraction camp was a huge success.

Certificate to NSS Unit by Fit India



On 24th sept 2019, **30 Students UG students** participated for Plastic Eradication Rally in kalamboli. As a drive for **Swatch Bharat Abhiyan**.

Token of appreciation received for taking part in rally organized on 2nd October 2019 by FIT INDIA with Panvel Corporation under the NSS banner







Green Initiatives - Tree plantation



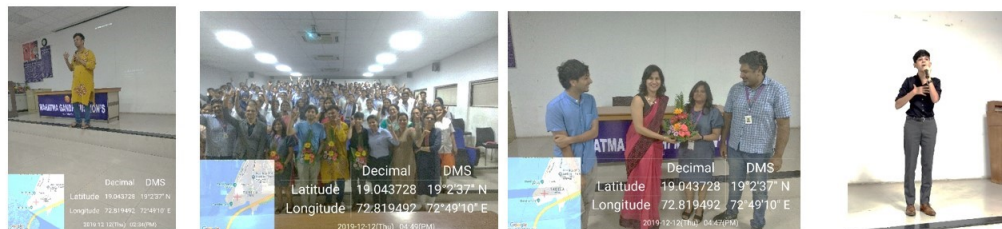
- The **tree plantation programme** was conducted by MGM School OF Biomedical Sciences Kamothe, Navi Mumbai, **Under NSS scheme** for First and Second year M.Sc students as well as B.Sc optometry Second year Students at Phanaswadi, Tal- Panvel, and Dist-Raigad 410208 on 16th August, 2019.
- Total of **121 saplings** were planted at the town hill of this village by 95 B.Sc and M.Sc Students under the guidance of **Dr. Saloni Deshpande**, MGM Institute of Management Studies & Research and Faculties of MGM school of Biomedical Sciences, in collaboration with Citizens unity forum Panvel with the help of BPCL.

Participating in the environmental day competition

50+ students participated in the environmental competition by MGMIHS

| | | |
|--|---|--|
| 1st Prize | 2nd Priz | 3rd Prize |
|  |  |  |
| Ms. Glenita Victor Menezes B.Sc. Optometry MGM School Of Biomedical Sciences, Navi Mumbai. POETRY | Ms. Shweta D. Gowda MSc. Clinical Embryology MGM School Of Biomedical Sciences, Navi Mumbai. POETRY | Ms. Vishva Lakhe MHA MGM School Of Biomedical Sciences, Navi Mumbai. POETRY |
| 1st Prize | 2nd Priz | 3rd Prize |
|  |  |  |
| Ms. Fatema Qutbuddin Bohri M.Sc. Clinical Nutrition MGM School of Biomedical Sciences, Navi Mumbai ESSAY | Ms. Pooja Dhuri MSc. Clinical Nutrition MGM School of Biomedical Sciences, Navi Mumbai SLOGAN | Ms. Ayesha Majid Shaikh M.Sc. Biotechnology MGM School of Biomedical Sciences, Navi Mumbai ESSAY |

Gender sensitization Workshop - Arranged In association with Alumni - Mrs. Vidya Bahri



Lilac Insights as an CSR initiative in association with **The Jimmy Foundation**; an equal rights NGO, collaborated with MGMSBS as an educational institution to conduct an awareness program on **Gender Sensitization** for our UG and PG students on **12th December 2019** between 2 to 5 pm.

More than **150 students** and **teaching** and **non teaching** faculty participated in the workshop.

Guest Speakers were **Mr. Harish Iyer** who is an **Indian equal rights activist** who advocacy for a number of causes, including promoting the rights of and transgender (LGBT) community, children, women, animals, and survivors of child sexual abuse.

Ms. Riya Sharma speaker at unplugged by **TEDx 2019** where she spoke on Life of a gender incongruent person.

International Women's Day



MGMSBS, MGMIHS, celebrated International Women's Day 2019 on 8th March 2019 in accordance with this year's theme, "Think Equal, Build Smart, Innovate for Change". Eminent personalities like Dr.(Mrs.) Suju George (as a **Woman of significance**), Ph.D. Physics, IIT (Mumbai), Ambassador of PINKATHON ,Dr. Nivedita Shreyans (as a **Woman of power**), Director PR & Corporate Communication, MES, Pillai's Group of Institution & Ms. Venus Choudhary(as a **Woman of substance**), Alumni of MGM College of Engineering and an Innovator, PM Fellow (Doctoral Research).

HEARTFULNESS ESSAY WRITING EVENT - 2019

TOP 5 ENTRIES FOR EACH LANGUAGE (ENGLISH/HINDI/MARATHI)

| | | | | | |
|---|---|-----|-----------------------|----------------------|-------------------|
| CATEGORY | 2 LANGUAGE | | ENGLISH/HINDI/MARATHI | COORDINATING TEACHER | Dr. Mansee Thakur |
| NAME OF THE INSTITUTION | MGMSBS, MGMIHS, NAVI MUMBAI | | | | |
| ADDRESS | 2nd floor, MGM Medical college building, sec 10, kamothe, navi mumbai | | | | |
| CITY | Navi Mumbai | PIN | 410209 | | |
| EMAIL ID OF THE INSTITUTION | mansibiotech79@gmail.com , sbsnm@mgmuhs.com | | CONTACT | 9769909212 | |
| SIGNATURE OF THE CERTIFYING PERSON FROM THE INSTITUTION | | | | | |

| Sr. No | NAME OF THE PARTICIPANTS | UG/PG | EMAIL | LANGUAGE OPTED | CATEGORY | MOBILE NO | Department |
|--------|--------------------------|-------|-------------------------------|----------------|----------|--------------------------------------|-------------------------|
| 1 | Kotkar Shaila Raju | PG | shailakotkar1@gmail.com | Marathi | 2 | 9594508416 | Biotechnology/Genetics |
| 2 | Vaikhari Niteen Bagul | PG | vaikhari.bagul@gmail.com | Marathi | 2 | 9420304509 | Clinical Nutrition |
| 3 | Aarti Ashok Farande | UG | farandeaartiashok@gmail.com | Marathi | 2 | 9769422549 | Optometry |
| 4 | Pandit Pallavi Dinkar | UG | pallupandit2002@gmail.com | Marathi | 2 | 9284532688 | Bsc MRIT |
| 5 | Harshada Kadam | UG | harshadakadam1650@gmail.com | marathi | 2 | 8690202602 | Bsc MRIT |
| 6 | Ayesha Shaikh | PG | szvyadatesha799@gmail.com | Hindi | 2 | 7796554175 | Biotechnology/Genetics |
| 7 | Benbanshi Kishan Shankar | PG | kbenbanshi1992@gmail.com | Hindi | 2 | 9969412381 / 8767848433 / 9870780033 | Master of Public Health |
| 8 | Akshada Patil | UG | akshadapatil2920@gmail.com | Hindi | 2 | 8879581329 | Optometry |
| 9 | MAMTA SIRVI | UG | mamtasirvinenaram1@gmail.com | HINDI | 2 | 9867538375 | PT |
| 10 | KOMAL JAGDISH SAWANT | UG | sanchitasawant14@gmail.com | HINDI | 2 | 9404842365 | Dialysis |
| 11 | Rutuja Bobade | PG | rutuja1998bobade@gmail.com | English | 2 | 9594028623 | Biotechnology/Genetics |
| 12 | JAI JHAVERI | UG | jhaverjai0@gmail.com | ENGLISH | 2 | 7774942588 | PT |
| 13 | SUMINISHA SHAIKH | UG | suminishashaiikh779@gmail.com | ENGLISH | 2 | 8108963811 | OTAT |
| 14 | Jadhav Saili Umesh | PG | jadhavsaili3@gmail.com | ENGLISH | 2 | 7045539412 / 9833209259 / 9820707490 | Master of Public Health |
| 15 | Shifa Yusuf Mujawar | PG | shifamujawar8.sm@gmail.com | english | 2 | 9820242505 | MSC second year |

500+ students from MGMSBS participated in the National level essay competition organized by Heartfulness Institute in collaboration with United Nations Information Centre, New Delhi.

Annual Fest – Exhuberance 2019



Annual college fest was organized from 15th to 20th of march 2019 for studets of MGMSBS. Various evnts were planned during these 5 days like, traditional day, corporate day, sports ay, annual day, etc.

Total Participation – all BSc and MSc students (500+)

MGM School of Biomedical Sciences, Aurangabad

The School of Allied Health Sciences was established in 2007. The School is running various B.Sc Allied Health Sciences courses. The purpose to establish the School is that there are so many economical poor students so that by getting these para medical degrees, they will get job and survive. In future they will be a good and skill full technician. This community is in need of knowledge regarding public health. This education is helpful to this community as for as importance of health is concerned.

GOALS:

The Goal of the School is

“To train & educate the future technicians and to create supportive allied Health Science staff to serve in the field of health care”.

Objectives:

- *To provide basic human science knowledge to the Allied Health Sciences students.*
- To impart skills and practical knowledge to students by exploring them to various procedure or practical's.
- To improve their comprehensive skills & applied knowledge.

Key facts & Figures:

- One of the leading schools of Allied health Sciences in Maharashtra
- Well equipped laboratories with focus on new-age equipment
- Highly qualified faculties
- Practical training at the on-campus 900+ beds super speciality MGM Hospital.

Message from the Director:



MGM School of Biomedical Sciences Aurangabad campus is established with an aim of developing proficient healthcare professionals. MGM School of Biomedical Sciences is one of the premium Institutes in Marathwada region offering graduation post graduation in allied sciences.

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.

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. Rajesh K. Dase
Director
School of Biomedical Sciences,
Aurangabad [MS], India.

Under Graduation Programme:

| Sr. No. | UG Programme | Intake |
|----------------|---|---------------|
| 1 | B. Optometry | 20 |
| 2 | B.Sc. (Perfusion Technology) | 05 |
| 3 | B.Sc. (Cardiac Care Technology) | 05 |
| 4 | B.Sc. (Medical Laboratory Technology) | 30 |
| 5 | B.Sc. (Medical Dialysis Technology) | 20 |
| 6 | B.Sc. (Operation Theatre & Anesthesia Technology) | 20 |
| 7 | B.Sc. (Medical Radiology & Imaging Technology) | 30 |

Duration of UG Programme is 4 Years (3 Years Academics + 1 Year Internship). All UG Programme as per CBCS Pattern.

Post-Graduation Programme :

| Sr. No. | PG Programme | Intake |
|---------|---|--------|
| 1 | M.Sc. (Medical Genetics) | 05 |
| 2 | M.Sc. (Clinical Research) | 10 |
| 3 | M.Sc. (Clinical Embryology) | 05 |
| 4 | M.Sc.(Medical Radiology & Imaging Technology) | 02 |
| 5 | M.Sc. (Cardiac Care Technology) | 02 |
| 6 | M. Optometry | 02 |

Duration of PG Programme is 2 years & as per CBCS Pattern.

Activities of School of Biochemical Sciences :



Rangoli Competition on Diwali – NOV 2019 (32 participants)



Essay Competition- Sept 2019 on “माझ्या स्वप्रातील भारत”(35 participants)



Latitude: 19.818163
Longitude: 75.251734
Accuracy: 2300.0m
Azimuth: 16° (N)
Pitch: -7.7° (1.9°)
Time: 08-06-2019 14:36
Note: eye checkup camp

Powered by AngleCam

Eye Checkup Camp was held on 08/06/2019 at Patoda, Dist. Aurangabad



Participation of BSc students in School Health Check Up Camp at Stepping Stones School, Sawangi, Aurangabad held in July -2019.



For BSc students training on "Basic Life Support" organized at MET CELL (Sept-2019)



Participation of B.Sc. OT & AT students in Plexus held from 26th Aug, 2019 to 28th Aug, 2019.



Poster presentation and awareness on World Leprosy Day 30 January 2021.

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

PRINCIPAL'S MESSAGE



With the Motto “IMPOSSIBLE: It means I’m POSSIBLE”, the Department of Prosthetics and Orthotics started rendering services in 2011, under the MGM Medical College and Hospital, Navi Mumbai.

Since its establishment, the department aims to make “Divyangjan” free of special challenges that they face and empowering them to lead a better quality life. This has been further enhanced by the approval for starting the Bachelors in Prosthetics and Orthotics, or the BPO Programme since the academic year 2016-17.

Our students have been participating in all the extension activities planned by the MGM Institute of Health Sciences like Swachha Bharat Abhiyan, Unnat Bharat Abhiyan, NSS activities and various projects organized by Institutions Innovation Council (IIC) at MGMIHS, which itself are governed by the MHRD. Research and innovation is an integral part of our academics. The institute also promotes student exposure towards National and International Level Conferences by encouraging them to present papers and posters in the same. Besides this, the industry –academia relationship is blooming by the industrial visits of our students to different Multi- National Companies (MNCs).

MGMIUDPO ensures friendly, supportive and safe environment through various measures that make the Campus a zero-tolerance-campus for ragging, sexual harassment and smoking.

I once again welcome you to the MGM P&O family. I hope you spend the most amazing and memorable years of your life in our institute making bonds that will last a lifetime. All the Best!

ACADEMIC COURSES RUN

| Sr. No. | Name of the Institution | Level of course | Course name | Intake capacity | Students admitted |
|---------|--|-----------------|---|-----------------|-------------------|
| 1. | MGM Institute’s University Department of Prosthetics and Orthotics | Under Graduate | Bachelor’s in Prosthetics and Orthotics | 25 | 8 |

TEACHING FACULTIES

| Sr. No. | Name of the Institution | Professor | Associate Professor | Assistant Professor | Tutor /Demonstrator | Resident | Remarks |
|--------------------------------------|--|-------------------------------------|---------------------|----------------------|---------------------|--------------------------------------|---|
| 1. | MGM Institute's University Department of Prosthetics and Orthotics | Nil | 0 | 3 | 2 | Nil | Requirements as per RCI Norms and Guidelines. |
| Designation | | Name of the Teaching faculty | | Qualification | | Specialty (as per experience) | |
| Principle Assistant Professor | | Dr. Uttara Deshmukh (P&O) | | MPO , BPO | | Orthotics | |
| Assistant Professor | | Dr. Deepshikha Raut (P&O) | | MPO, BPO | | Prosthetics | |
| Assistant Professor | | Dr. Subhasish Paikray (P&O) | | MPO, BPO | | Biomechanics | |
| Tutor/Demonstrator | | Dr. Ravi Barela (P&O) | | BPO | | Prosthetics | |
| Tutor/Demonstrator | | Dr. Pratiksha Shelar (P&O) | | BPO | | Orthotics | |

NUMBER OF FACULTY DEVELOPMENT PROGRAMMES ORGANIZED BY THE COLLEGE DURING THE LAST FIVE YEARS

| Sr.No. | Name of the Institution | Seminar/Workshop/Symposia on Curricular Development Teaching Learning ,Assessment Etc. |
|--------|--|--|
| 1. | MGM Institute's University Department of Prosthetics and Orthotics | CRE (Continuous Rehabilitation Education) on Orthotic Management of Cerebral Palsy |
| 2. | MGM Institute's University Department of Prosthetics and Orthotics | CRE (Continuous Rehabilitation Education) on 'Integrated Care on Diabetic Foot' |
| 3. | MGM Institute's University Department of Prosthetics and | CRE on "Advance Prosthetic Knee Joints" |

| | | |
|----|---|--|
| | Orthotics | |
| 4. | MGM Institute's University Department of Prosthetics and Orthotics | Seminar on Need Based Product Designing. |
| 5. | | Foot assessment camp |

DETAILS OF NON TEACHING PERSONNEL OF THE INSTITUTE :

| SR. No. | Name of the Employee | Qualification |
|---------|----------------------|------------------|
| 1. | Mrs. Pooja Ghodake | M. Sc. (Physics) |

LIBRARY:

| SR.NO | NO.OF BOOKS | | NO.OF JOURNALS | | |
|-------|-------------|------------------|----------------|----------------|--------------|
| | TEXT BOOKS | REFERENC E BOOKS | NATIONA L | INTERNATIONA L | E- JOURNAL S |
| 1 | 24 | - | 01 | 01 | - |

LIBRARY BOOK DETAILS:

List of Books on Orthotics & Prosthetics

| Sr. no. | Author | Title | Edition | Year | Qty |
|---------|----------------|--|----------|------|-----|
| 1. | HSU JD | AAOS ATLAS OF ORTHOSES & ASSISTIVE DEVICES | 4TH EDN | 2008 | 1 |
| 2. | MAY, BJ | AMPUTATIONS & PROSTHETICS : A CASE STUDY APPROACH | 2ND EDN. | 2002 | 5 |
| 3. | BRADDOM RL | HANDBOOK OF PHYSICAL MEDICINE & REHABILITATION | | 2004 | 3 |
| 4. | LUSARDI MM | ORTHOTICS & PROSTHETICS IN REHABILITATION | 3RD EDN | 2013 | 1 |
| 5. | MCKEE, P | ORTHOTICS IN REHABILITATION: SPLINTING THE HAND & BODY | | 1998 | 1 |
| 6. | EDELSTEIN J E | ORTHOTICS: A COMPREHENSIVE CLINICAL APPROACH | | 2004 | 1 |
| 7. | CHINNATHURAI R | SHORT TEXTBOOK OF PROSTHETICS & ORTHOTICS | | 2010 | 1 |
| 8. | ROWE, FJ | CLINICAL ORTHOPTICS | | 1997 | 1 |
| 9. | TURCO, V.J. | CLUBFOOT. | | 1981 | 1 |
| 10. | ADAMS, MA | BIOMECHANICS OF BACK PAIN | 3RD EDN. | 2013 | 1 |
| 11. | BERTA, BOBATH | ADULT HEMIPLEGIA: EVALUATION AND TRATEMENT | 3RD EDN. | 2002 | 1 |

| | | | | | |
|-----|-----------------|--|-----------|------|---|
| 12. | BHARGAVA, N. N. | BASIC ELECTRONICS & LINEAR CIRCUITS | | 1984 | 1 |
| 13. | BHUSHAN V | INTRODUCTION TO SOCIOLOGY: INCLUDING OBJECTIVE QUESTIONS | XLLII EDN | 2008 | 1 |
| 14. | BOLE, S.V. | EARLY MANAGEMENT OF CEREBRAL PALSY INCLUDING CHILDREN WITH DEVELOPMENT DELAYS | 1ST EDN. | 2007 | 1 |
| 15. | BRADDON RL | PHYSICAL MEDICINE & REHABILITATION | 3RD EDN | 2007 | 1 |
| 16. | BRAMMER CM | MANUAL OF PHYSICAL MEDICINE & REHABILITATION | 1ST EDN | 2002 | 1 |
| 17. | CAILLIET R | FOOT & ANKLE PAIN | 3RD EDN | 2005 | 1 |
| 18. | CAILLIET R | KNEE PAIN & DISABILITY | 3RD EDN | 1992 | 1 |
| 19. | CAILLIET R | LOW BACK PAIN SYNDROME | 4TH EDN | 1988 | 1 |
| 20. | CAILLIET R | NEXK & ARM PAIN | 3RD EDN | 1992 | 1 |
| 21. | CAILLIET R | SHOULDER PAIN | 3RD EDN | 2005 | 1 |
| 22. | CAILLIET, R | HAND PAIN & IMPAIRMENT | 3RD EDN. | 1992 | 1 |
| 23. | CAILLIET, R | SOFT TISSUE PAIN & DISABILITY | 2ND EDN. | 1992 | 1 |
| 24. | CREPEAU EB | WILLARD & SPACKMAN'S OCCUPATIONAL THERAPY | 11TH EDN | 2009 | 1 |
| 25. | ENDERLE JD | INTRODUCTION TO BIOMEDIACAL ENGINEERING | 3RD EDN | 2012 | 1 |
| 26. | HAMILL J | BIOMECHANICAL BASIS OF HUMAN MOVEMENT | 3RD EDN | 2009 | 1 |
| 27. | HICKS, C.M. | RESEARCH METHODS FOR CLINICAL THERAPISTS: APPLIED PROJECT DESIGN & ANALYSIS | 4TH EDN. | 2004 | 1 |
| 28. | HUNG GK | BIOMEDICAL ENGINEERING PRINCIPLES IN SPORTS | | 2004 | 1 |
| 29. | KAPANDJI, I. A. | PHYSIOLOGY OF THE JOINTS, VOLUMS. 3 | 2ND EDN. | 1974 | 1 |
| 30. | KAPANDJI, I. A. | PHYSIOLOGY OF THE JOINTS: ANNOTATED DIAGRAMS OF THE MECHANICS OF THE HUMAN JOINTS. 2. VOLUMES. | 5TH EDN. | 1982 | 2 |
| 31. | KRAMER P | FRAMES OF REFERENCE FOR PEDIATIRC OCCUPATIONAL THERAPHY | 3RD EDN | 2010 | 1 |
| 32. | KUMAR, S. | MCQ'S IN BIOMECHANICS | 1ST | 2006 | 1 |

| | | | | | |
|-----|--------------------|--|----------|------|---|
| | | | EDN. | | |
| 33. | LEVANGIE PK | JOINT STRUCTURE & FUNCTION: A COMPREHENSIVE ANALYSIS | 4TH EDN | 2006 | 1 |
| 34. | LEVANGIE, P.K. | JOINT STRUCTURE & FUNCTION: A COMPREHENSIVE ANALYSIS | 3RD EDN. | 2001 | 1 |
| 35. | MAGEE DJ | PATHOLOGY & INTERVENTION IN MUSCULOSKELETAL REHABILITATION | | 2009 | 1 |
| 36. | MEHTA, V. K. | PRINCIPLES OF ELECTRONICS (FOR DIPLOMA, AMIE, DEGREE & OTHER ENGINEERING EXAMINATIONS) | 1ST EDN. | 1980 | 1 |
| 37. | MUSCOLINO JE | KINESIOLOGY: THE SKELETAL SYSTEM & MUSCLE FUNCTION | 2ND EDN | 2011 | 1 |
| 38. | NORDIN, M | BASIC BIOMECHANICS OF THE MUSCULOSKELETAL SYSTEM | 3RD EDN. | 2001 | 1 |
| 39. | NORDIN, M. | MUSCULOSKELETAL DISORDERS IN THE WORKPLACE: PRINCIPLES AND PRACTICE | 2ND EDN. | 2007 | 1 |
| 40. | OATIS CA | KINESIOLOGY: THE MECHANICS & PATHOMECHANICS OF HUMAN MOVEMENT | 2ND EDN | 2009 | 1 |
| 41. | O'YOUNG BJ | PHYSICAL MEDICINE & REHABILITATION | 3RD EDN | 2008 | 2 |
| 42. | PEDRETTI, L W | OCCUPATIONAL THERAPY: PRACTICE SKILLS FOR PHYSICAL DYSFUNCTION | 4TH EDN. | 1998 | 1 |
| 43. | PENDLETON HM | OCCUPATIONAL THERAPY: PRACTICE SKILLS FOR PHYSICAL DYSFUNCTION | 6TH EDN | 2007 | 1 |
| 44. | PRUTHVISH, S. | COMMUNITY BASED REHABILITATION OF PERSONS WITH DISABILITIES | 1ST EDN. | 2006 | 1 |
| 45. | RANGWALA RT | PRACTICE OF REHABILITATION IN ONCOLOGY | 1ST EDN | 2004 | 1 |
| 46. | ROTHSTEIN J M | REHABILITATION SPECIALIST'S HANDBOOK | 3RD EDN | 2006 | 1 |
| 47. | SMITH LK | BRUNNSTROM'S CLINICAL KINESIOLOGY | 5TH EDN | 1996 | 1 |
| 48. | SUNDER S | TEXTBOOK OF REHABILITATION | 3RD EDN | 2010 | 1 |
| 49. | SUNDER, S. | MCQ'S IN REHABILITATION & MEDICINE | 1ST EDN. | 2005 | 1 |
| 50. | TRAMBLY, CATHERINE | OCCUPATIONAL THERAPY FOR PHYSICAL DYSFUNCTION | 5TH EDN. | 2002 | 1 |
| 51. | WILTON J | HAND SPLINTING: PRINCIPLES OF DESIGN & FABRICATION | 1ST EDN | 1997 | 2 |

| | | | | | |
|-----|--------------------|---|----------------------|------|---|
| 52. | CHOUDHARY S.K. | ELEMENTS OF WORKSHOP TECHNOLOGY VOL.1 &2 | 13 TH EDN | 2006 | 2 |
| 53. | KAPANDJI, A.I. | THE PHYSIOLOGY OF THE JOINTS VOL1,2&3 | 5 TH EDN | 2009 | 3 |
| 54. | PITT-BROOKE | REHABILITATION OF MOVEMENT | 1 ST EDN | 1998 | 1 |
| 55. | Hsu,JD | AAAS ATLAS OF ORTHOSES AND ASSISTIVE DEVICES | 4 TH EDN | 2008 | 1 |
| 56. | HAMIL,JOSEPH | BIOMECHANICAL BASIS OF HUMAN MOVEMENT | 4 TH EDN | 2015 | 1 |
| 57. | HALL,SUSAN | RESERCH METHODS IN KINESIOLOGY AND THE HEALTH SCINCES | 1 ST EDN | 2014 | 1 |
| 58. | OATIS,C.A. | KINESIOLOGY | 3 RD EDN | 2017 | 1 |
| 59. | SOLANKI PV | MCQ'S IN BIOMECHANICS AND OCCUPATIONAL THERAPY IN ORTHOPEDIC CONDITIONS | | 2010 | 1 |
| 60. | KUMAR NSS & OTHERS | MCQ'S IN BIOMECHANICS | | 2006 | 1 |
| 61. | ARUN B & OTHERS | MCQ'S IN BIOMECHANICS AND APPLIED ANATOMY | | 2007 | 1 |
| 62. | GANVIR SD | BIOMECHANICS OF JOINTS | | 2013 | 1 |
| 63. | BAHL A | BASICS OF BIOMECHANICS | | 2010 | 1 |
| 64. | AGARWAL AK | ESSENTIALS OF PROSTHETICS & ORTHOTICS | | 2013 | 1 |
| 65. | NORDIN M | BASIC BIOMECHANICS OF THE MUSCULOSKELETAL SYSTEM | 4 th Edn | 2012 | 1 |
| 66. | LIPPERT LS | CLINICAL KINESIOLOGY AND ANATOMY | 4 th Edn | 2007 | 1 |
| 67. | MOW VC | BASIC ORTHOPAEDIC BIOMECHANICS AND MECHANO-BIOLOGY | 3 rd Edn | 2005 | 1 |
| 68. | GIFU D X | BRODDOMS PHYSICAL MEDICINE AND REHABILITATION | | 2016 | 1 |
| 69. | LUSARDI,M.M. | ORTHOTRICS AND PROSTHOTRICSIN REHABILITATION | | 2013 | 1 |
| 70. | BRODDOM | HANDBOOK OF PHYSICAL MEDICINE AND REHABILITATION | 1 ST | 2004 | 1 |
| 71. | BRAMMER | MANUAL OF PHYSICAL MEDICINE & REHABILITATION | 1 ST | 2002 | 1 |
| 72. | JEBSON | HAND SECRETS | 3 RD | 2006 | 1 |

Total Books: 84

RESEARCH

ONGOING /COMPLETED RESEARCH PROJECTS: - NIL
RESEARCH PUBLICATION

| SR. NO. | INTERNATIONAL JOURNALS | NATIONAL JOURNALS | UNIVERSITY /COLLEGE JOURNALS | BOOKS PUBLISHED | AWARDS/RECOGNITIONS /PATENTS FILED |
|---------|---|--|------------------------------|-----------------|------------------------------------|
| 01 | International Society for Prosthetics & Orthotics | Journal of Orthotics Prosthetics Association of India (JOPAI) | NIL | NIL | NIL |
| | | | | | |

NO.OF NATIONAL /INTERNATIONAL CONFERENCES ORGANIZED BY THE INSTITUTION: - **NIL**

CONTRIBUTION IN NATIONAL/INTERNATIONAL CONFERENCES

| | NAME OF THE PRESENTOR | DESIGNATION | INTERNATIONAL/ NATIONAL CONFERENCE | NAME OF THE PAPER | MODE OF PRESENTATION |
|----|--------------------------|---------------------|---|--|----------------------|
| 1. | Dr. Deepshikha Raut(P&O) | Assistant Professor | National Conference of Orthotics Prosthetics Association of India (OPAI) - 2020 | Development of an External Powered Prosthetic Elbow Unit for Trans-humeral Amputee | As a speaker |

VISIT TO THE INSTITUTE BY EMINENT VISITORS/SPEAKERS:-

| SR. NO. | NAME OF THE EMINENT VISITORS/SPEAKERS | DESIGNATION AND NAME OF THE INSTITUTION | DATE | PURPOSE OF VISIT |
|----------------|--|---|-------------------------------|---|
| 01 | Dr. Raghavendra M Bellurkar | (MS Surgery, FIAGES) Leprosopic & Endoscopic Surgeon | October 15 th 2019 | To Give a Lecture on Bioethics to Students of MGMIUDPO |
| 02 | Dr. Jyoti R Bellurkar | (MBBS, PGDHA, CTM) | | |
| 03 | Mr. Sohan Pal | HOD, Safdarjung Hospital, New Delhi | 14 th MARCH 2020 | For inspiring the students of MGMIUDPO in academic & clinical knowledge |
| 04 | Mr. Rajesh Kumar Mohanty | Lecturer, Department of Prosthetics & Orthotics, S.V.NIRTAR, Cuttack, Odisha. | | |

ACTIVITIES OF MGMIUDPO FOR THE ACADEMIC YEAR 2019-2020: -

ACTIVITY 01

Name: **C.R.E on Advancement of Prosthetics knee joints.**

Date: August 13th, 2019.

No. of participants: 33 Professionals and 43 Students

Outcome: MGMIUDPO organized a one day CRE on Advancement of Prosthetics Knee Joints to educate Professionals and Students about fitting of Advanced Prosthetic Knee Joints in Trans femoral Amputees , the practical demonstration of of Elan Foot and Microprocessor controlled Ankle assembly also Orion and Linx microprocessor knee joint systems were done by experts. The CRE session is overall Beneficial for all.



ACTIVITY 02

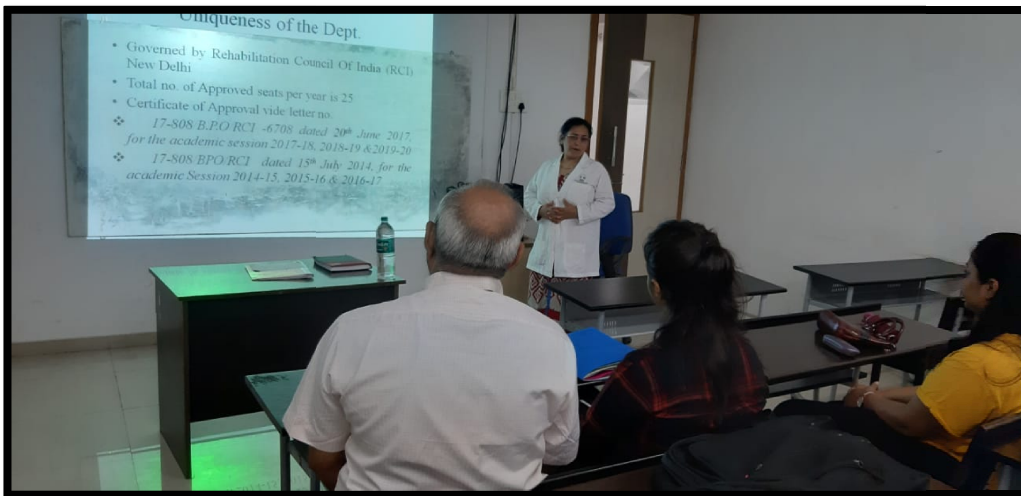
Name: Induction Programme of first year 2019-20 batch.

Date: 17th August, 2019.

No. of participants: 03 students and their Parents.

Outcome: This is the Programme in which introduction about faculties of MGMIUDPO described about BPO Syllabus, Courses, Examination Pattern and rules and regulations, Examination Pattern, fees Structure, Infrastructure Facilities in the Institution, Academic Extension Activities, Hospital Services and Mentorship program with the help of Power Point Presentation to all the students with their Parents.

The Parents were also given the feedback forms as the Institute considers them as one of the stake holder.



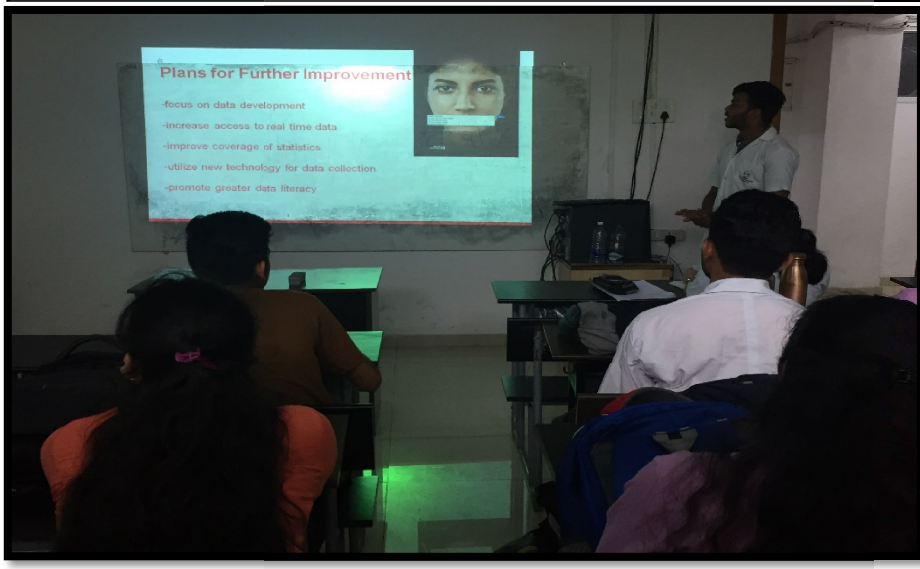
ACTIVITY 03

Name: Gender Equity Programme- 2019.

Date: 24th August, 2019.

No of participants: 04 Faculties and 21 students of MGMIUDPO.

Outcome: MGMIUDPO organized a “Gender Equity Program” to discuss about the equality and importance about both genders in the society. This includes equal treatments in terms of rights, benefits, obligations, and opportunities. The program was beneficial for the whole team and they were happy to know about Gender Equity



ACTIVITY 04

Name: Seminar on Fire Safety in MGMIUDPO

Date: September 28th, 2019.

No of participants: 04 faculties and 27 students of MGMIUDPO.

Outcome : The awareness Seminar on Fire Safety and Precautions was organized by MGMIUDPO in which **Mr. Ashok Dighe, Fire Safety officer at MGM Hospital**, gave a lecture to all the B.P.O. students about existing fire extinguishers in the hospital premises and various Emergency Codes to be followed during the emergency situation. He also gave practical knowledge about location of fire extinguisher and it's operation during fire outbreak. Location of oxygen switch should be known to everyone, so as to switch off the supply. Knowledge and location about electricity main supply switches, so that they can be switched off at the outbreak of fire and the path for Fire emergency exiting in the hospital also in various academic building of MGMIHS.



ACTIVITY 05

Name: Rally on “Say NO to Plastics”.

Date: October 2nd, 2019.

No of participants: 10 NSS students of MGMIUDPO.

Outcome: This Rally was organized by NSS Unit, MGMIUDPO under the NSS Activity MGMIHS. As a Part of NSS Activity, 10 Students of MGM Department of Prosthetics and Orthotics participated actively and created awareness of harmful effect of Plastics on environment and in human health. The activity was conducted among public in Sector-01, Khanda Colony, New Panvel (West).



ACTIVITY-06

Name: IELTS SEMINAR-2019-20

Date: 14th September, 2019.

No of participants: 01 Faculty and 37 students of MGMIUDPO.

Outcome: IELTS is the world's most popular English test for higher education and immigration. 37 students and 01 faculty from MGMIUDPO attended the seminar. The lecturers taught the students about Reading, Writing, Speaking and Listening skills, which will help them in cracking the English Exams for entering to foreign countries. It was a great platform for the students to get exposure on IELTS. Student found the seminar quite interesting and useful.



ACTIVITY- 07

Name: **Celebration of Innovation day 2019-20.**

Date: October 15th, 2019.

No of participants: 03 faculties and 37 students of MGMIUDPO.

Outcome: On the occasion of 'Innovation Day' the MGM Institute's University Department of Prosthetics and Orthotics organized a self driven activity which made the students to think out of the box and create something new as well as innovative. The entire program was beneficiary for the students as well faculty for developing their ideas towards innovative outcomes.



ACTIVITY- 08

Name: **Lecture on Bioethics 2019-20.**

Date: November 29th, 2019.

No of participants: 03 faculties and 22 students of MGMIUDPO.

Outcome: MGMIUDPO invited Dr. Raghavendra M Bellurkar (MS Surgery, FIAGES) Laparoscopic & Endoscopic Surgeon and Dr. Jyoti R Bellurkar (MBBS, PGDHA, CTM) to give a lecture about Ethics and the importance of it in Daily-life. Students learned about the professional ethics, how to interact with patients and had a great interaction with the guest faculty. The program was overall beneficial for the whole team.



ACTIVITY-09

Name: self driven activity- “Innovation” under Institution Innovation Council, MGMIHS.

Date: 04thJanuary, 2021

No of participants: 18

Outcome: Students updated the knowledge in Prosthetics & Orthotics Field and their role in clinical set – up to improve the life of Divyangjan by various activities. The activities included Essay writing, Group Discussion.



ACTIVITY 10

Name: Seminar on “Need Based Product Designing” as elective activity under Institution Innovation Council, MGMIHS.

Date: 06thJanuary, 2021

No of participants : 7 faculties & 131 students of various institutes of MGMIHS.

Outcome: MGM Institute’s University Department of Prosthetics and Orthotics organized an elective activity under Institution Innovation Council, MGMIHS. Students updated their knowledge about Innovative Practices in the field of Prosthetics and Orthotics and how innovative product designing practices can be implemented according to the need.



ACTIVITY -11

Name: Lecture on Corona virus as an awareness Programme among students of MGMIUDPO

Date: 28th January 2020.

No of participants: 14 Students of MGMIUDPO.

Outcome: A lecture was conducted by Dr. Subhasish Paikray to create awareness among the students about Novel Corona Virus & its preventive measures. The session was very useful for students.



ACTIVITY -12

Name: **Visit to S.V. NIRTAR (Swami Vivekananda National Institute of Rehabilitation Training & Research), Olatpur, Bairoi, Cuttack, Odisha.**

Date: 05thFebruary, 2021

No. of participants: 1 faculty and 12 Students of MGMIUDPO

Outcome: The Institutional Visit consist of Department of Social Work, Occupational Therapy department, Physiotherapy Department and Department of Prosthetics & Orthotics which helped to familiarize of different techniques which helped students to enhance their practical skills and also motivate them to proceed for research activity as a part of continuous improvement and improve the interaction with various experts and students related to this field.



ACTIVITY-13

Name: **Participation in National Conference of Orthotics & Prosthetics Association of India (OPAI-2020), Bhubaneshwar, Odisha.**

Date: 07th-09th February, 2021

No of participants: 1 faculty and 12 Students of MGMIUDPO

Outcome:

This National Conference of Orthotics and Prosthetics Association of India is a unique interactive event where professionals involved in the care of persons in need of prosthetic, orthotics, mobility and assistive devices come together to learn about the latest scientific and clinical advances, products, innovative technologies, designs and materials in prosthetic and orthotic care.

This event has helped the students of MGMIUDPO to enhance their practical skills, presentation skills and behavioral skills.



ACTIVITY-14

Name: **Participation in the Maharashtra Police International Marathon-2020.**

Date: 06th-08th February, 2021

No of participants: **1 Faculty (Ms. Pratiksha Shelar)**

Outcome:

Ms. Pratiksha Shelar from MGM Prosthetics and Orthotics Department had participated in this event to assist Podiapro India Pvt. Ltd. to conduct foot, ankle, and knee assessment of female runners in this event, also Scanning of patients' feet was done and according to their feet conditions, various types of insoles with the modification were suggested by her.

The motive was to create the awareness about customized insole and their mechanical advantage among the participants in marathon



ACTIVITY- 15

Name: **Social Awareness Activity for safety measures to be taken by two wheeler drivers and Bike riders under NSS, MGMIHS**

Date: 08th February, 2021

No of participants: **14 Students and 3 Faculty of MGMIUDPO**

Outcome:

This activity was conducted under National Service Scheme, MGMIHS. As a part of MGMIHS, Students & Faculties of MGM Department of Prosthetics and Orthotics participated actively. Each and every member on two wheeler, who was not wearing helmet, was apprehended by the students and faculty. The member was counseled by Hon'ble Medical Superintendent, MGM Hospital, Kamothe, Navi Mumbai for not wearing the helmet. The significance of helmet was explained to him/her and a promise from them was taken, for not doing such mistake hence after.



ACTIVITY-16

Name: **Celebration of International Women's Day -2020**

Date: 09th March 2020.

No of participants: 33 Students and 05 Faculties of MGMIUDPO.

Outcome:

MGMIUDPO celebrated this day with full enjoyment to give tribute to Legends of great women in remembrance of their sacrifices and work they have done for the advancement of society. The event was started with cake cutting specially brought for women by all female students as well as faculty in the institute. The event was processed with mono performance acts done by the students on the lives of great Indian females. Three best performances were given the prizes



ACTIVITY-17

Name: Rehabilitation Council of India (RCI) Inspection.

Date: 14th March 2020.

No of participants: All Students and 05 Faculties and One Administrative staff of MGMIUDPO.

Outcome: RCI inspector Mr. Sohan Pal and Mr. Rajesh Kumar Mohanty as inspection team interacted with all the Guest faculties, Core faculties, Teaching and Non-teaching staff, of MGMIUDPO also with all batches of B.P.O Students. They visited all sections of MGM Institute's University Department of Prosthetics and Orthotics and assessed all Clinical as well as Academic infrastructure and facilities physically and verified with the documents.



ACTIVITY-18

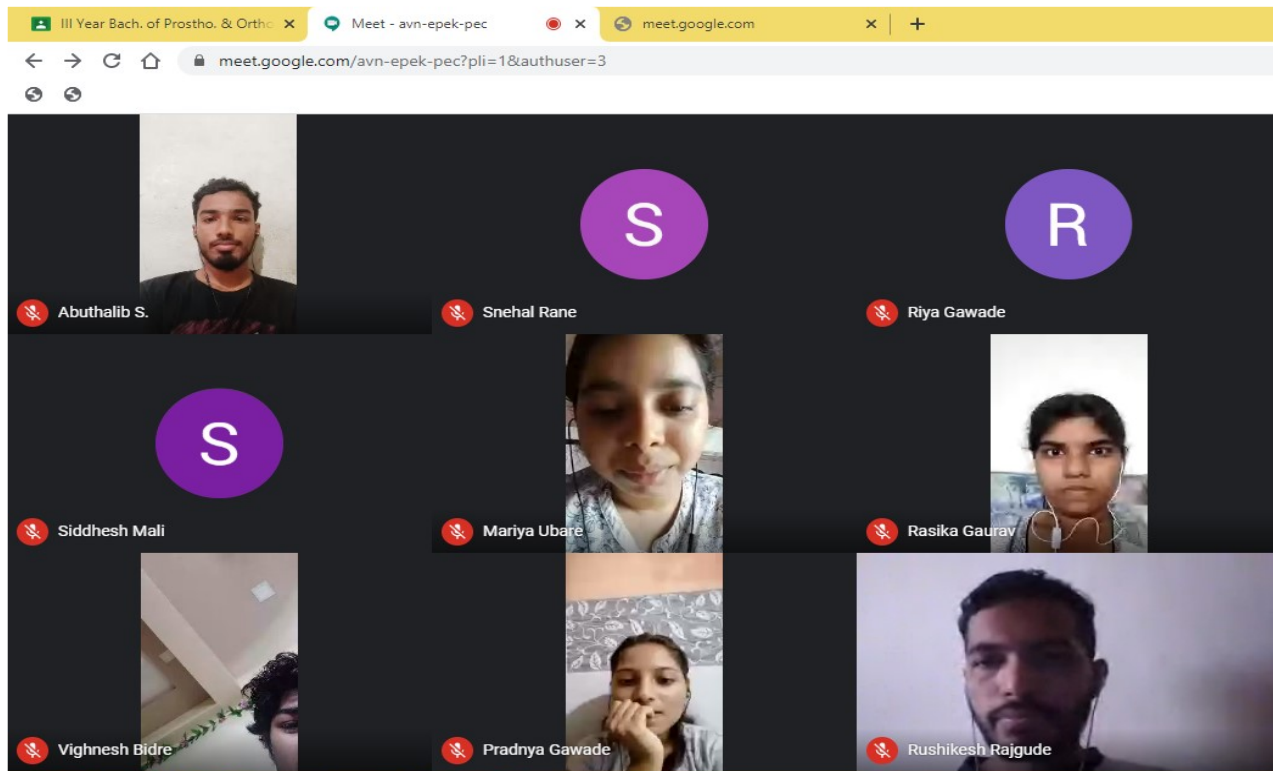
Name: Celebration of World Health Day in MGMIUDPO.

Date : 7th April, 2020

Mode of Event- Google Meet. (Online Video call application)

No of participants: 25 number Students and 05 Faculties of MGMIUDPO.

Outcome: On the Occasion of World Health Day-2020, MGM Institute's University Department of Prosthetics and Orthotics invited Mr. C.S. Gosavi and Mrs. Asha Gosavi, Wellness Coaches to guide the students about various health problems due to various factors like Environment, Society, Mental conditions etc. They also advised the students to take proper and healthy nutritional diet, increase the hot water intake preferably with lemon and include ginger, garlic and lemons in the regular food for developing immunity to fight against Covid-19 Pandemic. The session is useful for all students & faculty of MGMIUDPO.



NSS Report

Introduction:

Installation of MGMIHS NSS unit is done in the first week of Sept 2019 with one Programme coordinator and 8 programme officers from the constituent colleges under MGMIHS. MGMIHS NSS unit is installed with the presence of Mr Sudhir Puranik, Director, NSS, University of Mumbai. MGMIHS has been allotted a NSS unit with 500 NSS students Volunteers by Higher education and Technical Department, Government of Maharashtra.

Objectives of MGMIHS NSS Unit :

- The broad goal to prepare undergraduate Medical and Paramedical students to function as community and first level physicians and paramedical workers in accordance with the institutional and national goals.
- To fulfill the goal of this esteemed institute, the undergraduate students have been oriented & develop the aptitude for social service & Community outreach activity during curricular & co curricular sessions.

Allotment of NSS Volunteers :

MGMIHS has been allotted a NSS unit with 500 students by Higher Education & Technical Department, Government of Maharashtra.

Actual Enrollment of NSS volunteers

| University Name | Date of advisory Committee (2019-2020) | Self Finance NSS Unit | | | | |
|----------------------------------|--|--|--------------------------|-----------|------------|-------|
| | | NSS strength allocated in 2019-20 Self Finance | No of Self Finance Units | Male | Female | Total |
| MGM Institute of Health Sciences | --- | 500 (300 MGM NM + 200 MGM Aurangabad) | 01 | 145(33.1) | 293 (66.9) | 438 |

Actual Enrollment of NSS Volunteers of Constituent colleges under MGMIHS NSS Unit :

| Constituent Colleges of MGMIHS | Allotted NSS Volunteers by Higher Technical Education | Actual Registration of NSS Volunteers | | |
|--|---|---------------------------------------|---------------------|------------|
| | | Male | Female | Total |
| MGM MC, Navi Mumbai | 140 | 46 | 77 | 123 |
| MGM , SBS, Navi Mumbai | 80 | 18 | 60 | 78 |
| MGM , School of Physiotherapy, Navi Mumbai , MGM School of P & O | 40 | 3 | 13 | 16 |
| MGM , School of Nursing , Navi Mumbai | 40 | 4 | 36 | 40 |
| MGM MC, Aurangabad | 140 | 54 | 66 | 120 |
| MGM , SBS, Aurangabad | 30 | 17 | 13 | 30 |
| MGM , School of Physiotherapy, Aurangabad | 30 | 3 | 28 | 31 |
| Total | 500 | 145 (33.10%) | 293 (66.89%) | 438 |

Installation of NSS Unit at MGMIHS :

Installation of NSS Unit in Sept 2019

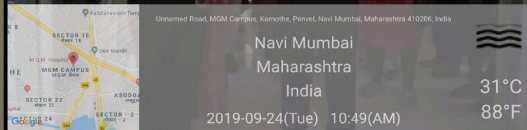
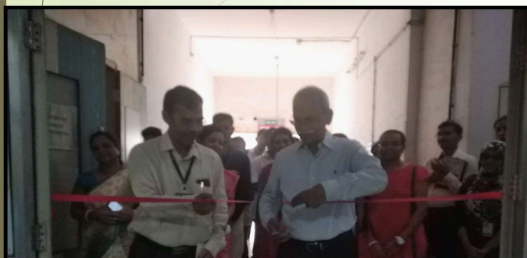
- On 24th September 2019 , Installation of NSS unit MGMIHS is done
- Celebration of NSS Day by all constituent colleges under MGMIHS NSS unit – chief guest Dr Sudhir Puranik had come.
- **Following activities were on NSS Installation day & Celebration of NSS Unit**
 1. Inauguration of MGMIHS NSS Unit
 2. Blood donation camp
 3. Exhibition and Puppet show on “No plastic Use”
 4. Role play on Environment Sanitation and Save Water.
 5. Rally on no plastic use by fit India run for plugging

Glimpses of activities conducted on NSS Day (24th Sept 2019)

Inauguration of MGMIHS NSS Unit By Dr Sudhir Puranik Director NSS Mumbai University



Glimpses of NSS Day Celebration At MGMIHS



Blood Donation by NSS Volunteers on 24th Sept 2019

Total 55 units of Blood donated by NSS Volunteers

**MGM MC:
MGM School of Physiotherapy:
MGM School of Nursing
MGM School of SBS**

Exhibition & puppet show on “ No Plastic Use” on

NSS Day Celebration at MGM Aurangabad Campus - Rally to save Water and Save Environment By Medical, SBS and Physiotherapy college

Different Activities Conducted by NSS Volunteers in 2019-2020:

The students are involved during their academic's tenure in following activities:

- Family visit, interaction with family Members with help of Social work techniques
- Social service Camp, diagnostic camps in community, MJPJAY camps, Blood Donation Camps
- Village Survey & Social Mapping, Swachataa survekshan Abhiyan, Defecation free campaign, Environment Sanitation & No plastic use drive
- Tree plantation Drive in villages & College campuses
- Celebration of important public health day & awareness drive for the community
- Health education on Common ailments in community with the help of Role play, IEC, songs, video , street plays & Rallies
- Social networking with stake holders like Surpanch, Community Members, and Health teams in Public Health sectors for better implementation of National programmes.
- Community based research project as co- curricular activity like ICMR STS project, small projects funded by University research cell.
- Adaptation of villages under Unnat Bharat Abhiyan
- Mumps Rubella campaign
- Swachha Bharat Summer Internship Programme 2018 (SBSI 2018) (under this Internship programme, undergraduate student volunteers have to work 50 hrs in community). The Students of MGM Medical College Aurangabad has own the third prize in SBSI 2018 competition at National Level.The student volunteers were involved in following activities under SBSI
- Village Survey
- Door to door campaign on segregation of waste
- Rally on waste management
- Meeting with the Sarpanch
- Skit on segregation of waste, talk on water sanitation & dustbin installation
- Awareness on composting
- School activities
- Door to door cloth bag distribution
- Cleaning of the village
- Tree plantation

- Gram Sabah Meeting

Activities conducted by NSS Volunteers in period 2019 to 20

Different Activities conducted under NSS Sept 2019 to Dec 2020

| Activities | Total No | NSS Volunteers Involved | Total Beneficiaries |
|---|--------------|-------------------------|------------------------------------|
| Tree Plantation | 690 saplings | 356 | 690 Tree Plantation |
| Blood Donation Camp | 15 | 150 | 729 Blood donation |
| Health education & Awareness | 06 | 60 | 800 pts & relatives |
| Yoga Training | 07 | 71 | 300staff |
| Pulse polio Immunization | 3 | 17+88 +22= 127 | 102 +505 +109 =716 |
| Health education Rallies | 07 +3 =10 | 164 +456 = 620 | 5700 |
| Street plays | 2 | 48 | 300 hospital patients & relatives |
| Healthy Mother & Healthy Baby Competition | 1 | 60 | 100 reproductive age group Females |

| Activities | Total No | NSS Volunteers Involved | Total Beneficiaries |
|--|----------|--|---|
| Defecation Free Campaign: | 1 | 21 | 1)No of toilets or pits – 05 2)No of Villages made defecation free- 02 3)Beneficiaries-2000 |
| 150 Birth Anniversary of Mahatma Gandhi | 2 | Bhajan Sandhya Poster competition Essay Competitions Role play Cleanliness Drive Role play & skit | 240 college students |
| Disaster training | 1 | 10 | 100 Community people |
| Road Safety Campaign | 6 | 138 | 700 Bikers |
| International environment day On 5 th June 2020 | 03 | 151 Nss Volunteers online activity | 300, Essay Competition, poster, photography and sketch competition . |

Celebration of important days :

| Celebration of Important Health days | Total No | NSS Volunteers Involved | Total Beneficiaries |
|--|----------|-------------------------|-----------------------------------|
| Marathi Rajbhasha Day on 29 Feb 2020 | 02 | 80 | 250 NSS volunteers |
| International Women's Day on 8/03/2020 | 02 | 95 | 897 undergraduate students |
| International Yoga day | 04 | 41 | 150 Beneficiaries |
| World Stroke day | 1 | 17 | 122 BPTH students |
| National Cancer day | 02 | 107 | 104 BPTH students |
| World Toilet Day | 01 | 07 | 48 housekeeping staff |
| World Mental Health day | 1 | 17 | BPTH Students |
| World Aids Day | 1 | 15 | 100 students & patients |
| World Food Day | 1 | 82 | 116 students staff & mess members |

Involvement of NSS Volunteers in Covid 19 pandemic management

:

Activities related to Covid 19

- | | | |
|------------------|------------------|---------------------|
| | No of volunteers | no of Beneficiaries |
| ▶ IEC sessions : | 06, 58 | 550 |
- ▶ Door to door campaign (maze kutumb mazi jababdari) : 40 , 200
- ▶ Pts screening : **188684 patients are screened for Covid 19 & 1504 are suspected referred to Covid OPD , 30 NSS volunteers are involved**
- ▶ Webinar : 02, 10 NSS volunteers : 10 , 1000 beneficiaries
- ▶ Distribution IEC material: 36 NSS Volunteers with 500 pamphlets distribution
- ▶ Covid awareness session & training : 03 , 50 NSS students

Glimpses of Activities under NSS since Sept 19 to Dec 2020:

Celebration of 150th anniversary of Mahatma Gandhiji on 2nd October

Following programs were arranged

- Bhajan Sandhya (MC), Role play and Skit (Medical, Physiotherapy & Nursing NSS student)
- Essay writing competition on life of Mahatma Gandhi
- Poster competition and exhibition on life events of Mahatma Gandhi
- IEC activity on Environmental hygiene and plastic-free environment



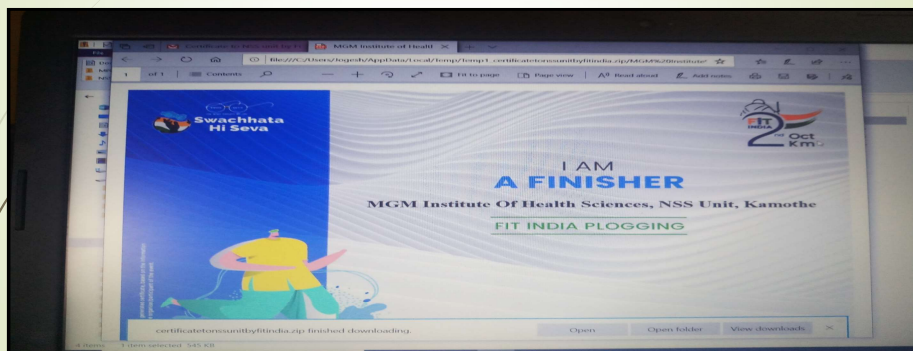
Poster Exhibition & singing Bhajans on occasion of Birth anniversary of Mahatma Gandhiji

Rally on 2nd October 2019 Gandhi Jayanti Initiative of FIT INDIA along with Swachhata Hi Seva

- ▶ On the occasion of the 150th Birth anniversary of Mahatma Gandhi, FIT INDIA plogging run was organized as a tribute to the Father of the Nation along with keeping in mind the initiative in “Swachhata Hi Seva” in collaboration with Panvel Mahanagarpalika
- ▶ **Objective: To promote physical activity and fitness and help in getting rid of plastic garbage in the nearby areas.**
- ▶ 54 NSS volunteers from all constituent colleges have participated in above rally .
- ▶ All Constituent NSS units got appreciation letter from Fit India.



MGMIHS NSS UNIT got Participation certificate BY Fit India



Celebration of Important Days by MGMIHS NSS unit during 2019-20

- **Marathi Rajbhasha Day on 29 Feb 2020**
- **International Women's Day on 8/03/2020**
- **International Yoga day on 5th June 2020**
- **World Stroke day on**
- **National Cancer day**
- **World Toilet Day**
- **World Mental Health day**
- **World Food Day**

Student Mental Health awareness Programme on 18-10-19 (13 NSS Volunteers) on occasion of Mental Health week (6th -12th October 2019

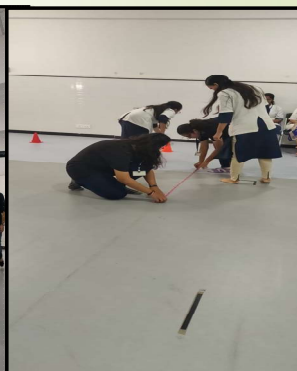


Global hand washing days celebration on 15th October 19



Special Camps :

NSS volunteers participated in screening camp for risk factors of HT on occasion of World Heart Day (MGM School of Physiotherapy Aurangabad)



**IEC activity By NSS volunteers MGM MC Aurangabad
NSS unit to patients on No Plastic use & its
consequences**



**World Physical Therapy Day is celebrated on 8th
September by MGM school of Physiotherapy**



**MGM NSS Unit participated in Panvel Minithon
in collaboration with Panvel MahanagarPilika
on 14th Dec 2019**



Health education on Diabetes on occasion of **Diabetes Day** on 11th Nov. 2020 in MGM Campus



Pulse Polio Immunization on 1st Nov 2020

37

On 01 November, 2020, MGM MC NSS unit took active part Immunization.

Location: Kalamboli sect 6

Activity: Pulse polio campaign.

Time: 7am to 5pm

NSS Program officer, NSS Assistant Program Officer and volunteers (11 male and 8 female) took active participation in this event.



NSS Volunteers during Covid 19 pandemic Period: Feb 2020 to Oct 2020

- Covid screening on voluntary basis
- Maze Kutumb Mazi Jababdari Mohim
- IEC Activity
- Webinar on Covid 19 (Knowledge acquisition & Dissemination)
- Students joined respective colleges in **phased manner in Nov 20**

Fit India movement on 18th Oct 2020 & 2nd Oct 2020

- The main purpose of the programme is to create awareness in students mind
- about physical fitness and in turn they will motivate others for maintaining Good Health.



Voluntary Blood donation camp by NSS Volunteers in month of Dec 2020 :

- Due to deficiency of blood storage in Maharashtra, all over Maharashtra Blood donation drive was started in month of Dec 2020, our NSS volunteers have actively participated in it . 27 NSS Volunteers from MGM MC , MGM prosthetics , MGM Physiotherapy have donated blood on this occasion .



Future Plan of MGMIHS NSS Unit:

- Involvement of NSS volunteers in NHM Camp Karjat with residential special camp for 7 days
- Involvement of NSS volunteers in Social entrepreneurship, Swachata & Rural engagement : small project allocation in adopted villages under Unnat Bharat Abhiyan
- Survey of Village Dherang and Dhamani under comprehensive Sanitation Management including ODI

UNNAT BHARAT ABHIYAAN REPORT

Unnat Bharat Abhiyan is a flagship programme of Government of India inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India.

Mahatma Gandhi Mission shares this vision and with a goal of comprehensive development in this region, has adopted five tribal villages near its Rural Health Training Centre in Taluka Panvel, of Raigadh district.

These villages are as follows Maldunge , Dhamani, Dodhani, Waghachi wadi and Dehrang including their respective tribal hamlets. The population is approximately 5700 of this gram panchayat.

Various Activities of development have been undertaken in These villages over last Two years.



Baseline survey and planning :

The Villages were surveyed for basic demography , infrastructure and health needs.

A Village development plan was Formulated for the Villages identifying their specific needs.

Activities carried out in the villages :

- **Health improvement Activities :**

As a health science institute, The First and foremost goal is to address the health concerns and gaps in health care delivery in the Villages.

Through general Health check UP camps Specialized multi diagnostic camps and Focused Antenatal check-up and immunisation camps mum medical College and hospital Doctors have been providing essential healthcare in the region and it has not stopped even during the COVED-19 pandemic where other peripheral health services suffered majorly.

Time to time, specific area of health have been focused on for research, bring in sustainable solutions and to deliver him quality Healthcare in the region.

Total No of General Health Check up camps in the year 20 19- 2020:84

Total No of speciality camps in year 2019-2020: 7with approx beneficiaries 5000

Total No of Antenatal checkup camps and Visits : 21

Total No of deliveries Conducted free of cost at mum hospital for women and children, Kalamboli: 39

Total no of of Immunisation sessions conducted in yeah 20 19- 2020: 31

Total No of research projects in the villages:

Various Survey conducted during the year:

Spinal deformity Survey

GATS Tobacco addiction survey

Musculoskeletal deformity Survey

Anaemia survey

Tuberculosis, Leprosy and NCD survey.



POSHAN PANDHARWADA- ANEMIA CAMP- DHAMANI SCHOOL



General Health Checkup



MJPJAY Multispeciality camp



Physiotherapy camp for screening of spine disorders and developmental disorder

● **Basic Infrastructure:**

The basic village Survey revealed that the Villages lack certain facilities Such as Electricity, Drinking Water, motor able roads, public transportation and internet connectivity.

The Unnat Bharat Abhiyan team has started working on drinking water issue in the villages with the aim to make these Villages self sufficient in terms of water availability all year round.

Drinking water Survey was conducted in the villages Dhamni and Dehrang to locate the sources of drinking water. with the help of other stakeholders efforts have been made to address the drinking Water scarcity in the villages.



Drinking water Project and distribution of water jars
Houshachi Wadi For Screening Of _Water.

Survey & Site Visit At Choti Dhamani And

- One with Environment: As a higher education institute in health science, The institute Recognizes the role of being a major community support and leading the efforts towards protecting our environment . Activities for creating environmental are users and bringing about positive change in environment are as follows
 - Awareness Rallies of medical students in the villages regarding water conservation, appropriate waste disposal and open air deification prevention
 - Drawing competition on Swachh Bharat for School children of the UBA villages.
 - Community Participatory workshops for ASHA Anganwadi workers and panchayat Members for Disposal of domestic waste and recycling of Solid waste.
 - for inculcating habits of using closed toilet blocks, The medical college Took initiative to reconstruct the toilets in the ZP school in village Dhamani and repair the School toilets in village Dehrang .
 - A survey of drainage systems was carried out for village Dhodani and a public waste disposal and compost pit area was identified during Swachh Bharat Summer Internship programme under NSS.

- **Empowering the community:**

- For encouraging the children to attend Anganwadi, on children's Day, 2019 Dhodani and Chinch Wadi Anganwadi Children were distributed school Uniforms. The uniforms were stitched locally and procured by our medical social workers with the help of school teachers in the village.
- Local women self help group was involved in workshops and awareness programs conducted in village Dehrang. The women Came forward and catered For lunch for the programs. The remuneration from the catering services boosted their confidence and also instilled a strong feeling and need to be self dependent Financially.
- The youth in the community is motivated by our team to take up vocational courses to improve their Chances of employment. Three Girls from UBA villages who come forward were directed to take Retail management Course of Govt of Maharashtra. The girls and their family members were Felicited on World Youth Day.

- **Collaborating with stakeholders for Sustainable growth:**

- As the Unnat Bharat Abhiyan lays importance on collective and CO ordinated efforts for overall development of the regions, Unnat Bharat Team of MGMIHS works to bring the community participation at various levels. This involves working as community leader by providing support in the form of knowledge and skills to local self Government, providing a plan for development and on boarding the opinions leaders From the villages, the NGO s and CSR Wings of Corporate Companies working in the region.
- The Gram Panchayat Maldunge members along with other key opinion leaders are invited to visit the MGMIHS campus, have discussion with senior leadership to address their difficulties and create a positive atmosphere for development of the region.

UNNAT BHARAT ABHIYAN REPORT

Unnat Bharat Abhiyan (UBA) is a flagship program of Ministry of Human Resource Development (MHRD) Govt. of India. UBA aims to bring a transformational change in rural development by active participation of MGM MEDICAL COLLEGE, Aurangabad with local communities, and reorientation of curricula R&D design of knowledge Institution.



School Health Check Up Camp. Dept. Community Medicine & Vidhya Aranyam school, Gandheli, Aurangabad 28/02/20. Total beneficiaries : 81



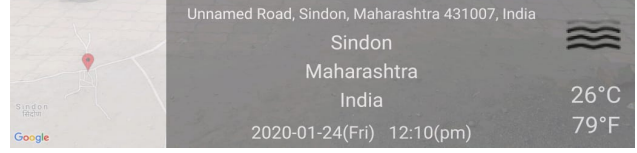
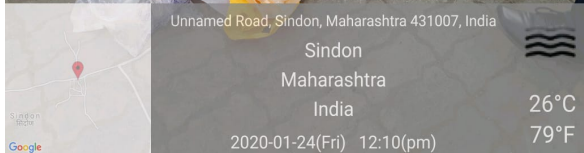
corona virus awareness programme 28/02/2020

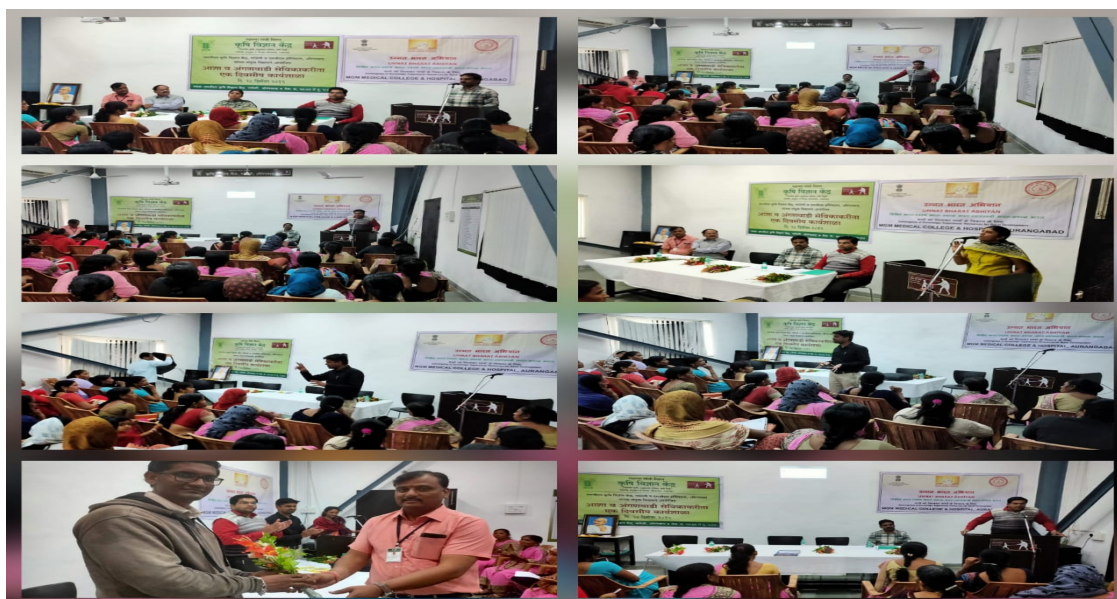


OPEN DEFECATION FREE SURVEY SINDON, BHINDON 09/11/19

STREET PLAY ON SANITATION AND ODF AND PLASTIC FREE & (VIDEO ON BENEFICIARIES)

VIDEO LINK: <https://www.youtube.com/watch?v=mm3Vf11QX0M> for village SINDON
<https://www.youtube.com/watch?v=qylbmTZXJml> for village BHINDON





UNNAT BHARAT ABHIYAN ASHA TRAINING WORKSHOP(Asha & Anganwadi from Adopted Villages (Sindon, Bindhon, Shivgarh tanda, Sahastara muli, Pardari tanda) under the Unnat Bharat Abhiyan training workshop) **28/12/19** Krishi Vidhyanayan Kendra, MGM Hills, Gandheli 10:00am to 2:00pm.

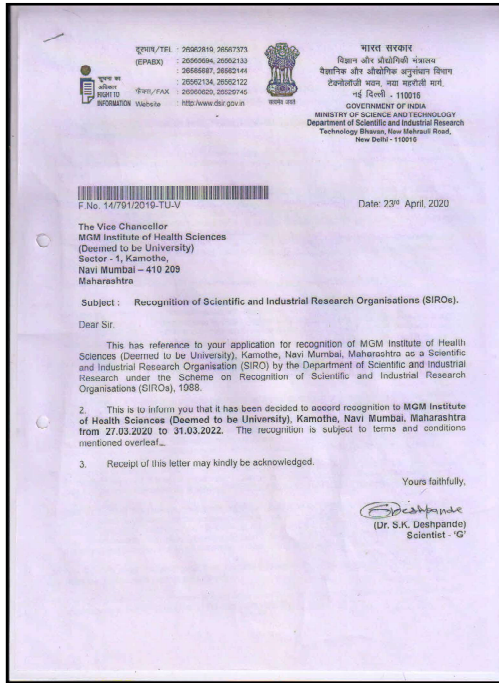


WORLD AIDS DAY AWARENESS *Health Education ,Health Talk and Question Answer Session*11/12/19 Gandheli

AWARDS

| Title | Name of Awardee | Awarding Agency | Date of award | Category |
|---|----------------------------------|---|---------------|-----------------------------|
| Social Enterpreneurship, Swachhta and Rural Engagement Cell | MGM Medical College, Aurangbad | Mahatma Gandhi National Council of Rural Education Department of higher Education, Ministry of Education Government of India | 09/09/2020 | Social Responsibility Award |
| Social Enterpreneurship, Swachhta and Rural Engagement Cell | MGM Medical College, Navi Mumbai | Mahatma Gandhi National Council of Rural Education Department of higher Education , Ministry of Education Government of India | 27/08/2020 | Social Responsibility Award |





Dr. Shashank Dalvi, Vice Chancellor, received First rank for Swachh Campus, Ranking 2019 by MHRD at New Delhi on 3rd December, 2019

RECOGNITION OF SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATIONS (SIRO)



Awards Received For best Hospital and Medical College at Raigad district by Lokmat in 2019



MGMIHS received the prestigious Heartfulness organization award by Heartfulness International institute on 8th Feb 2020



MAHATMA GANDHI MISSION

MGM INSTITUTE OF HEALTH SCIENCES

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

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