



**MAHATMA GANDHI MISSION**

# **MGM INSTITUTE OF HEALTH SCIENCES**

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



## **ANNUAL REPORT**

**2018-2019**



**MAHATMA GANDHI MISSION**

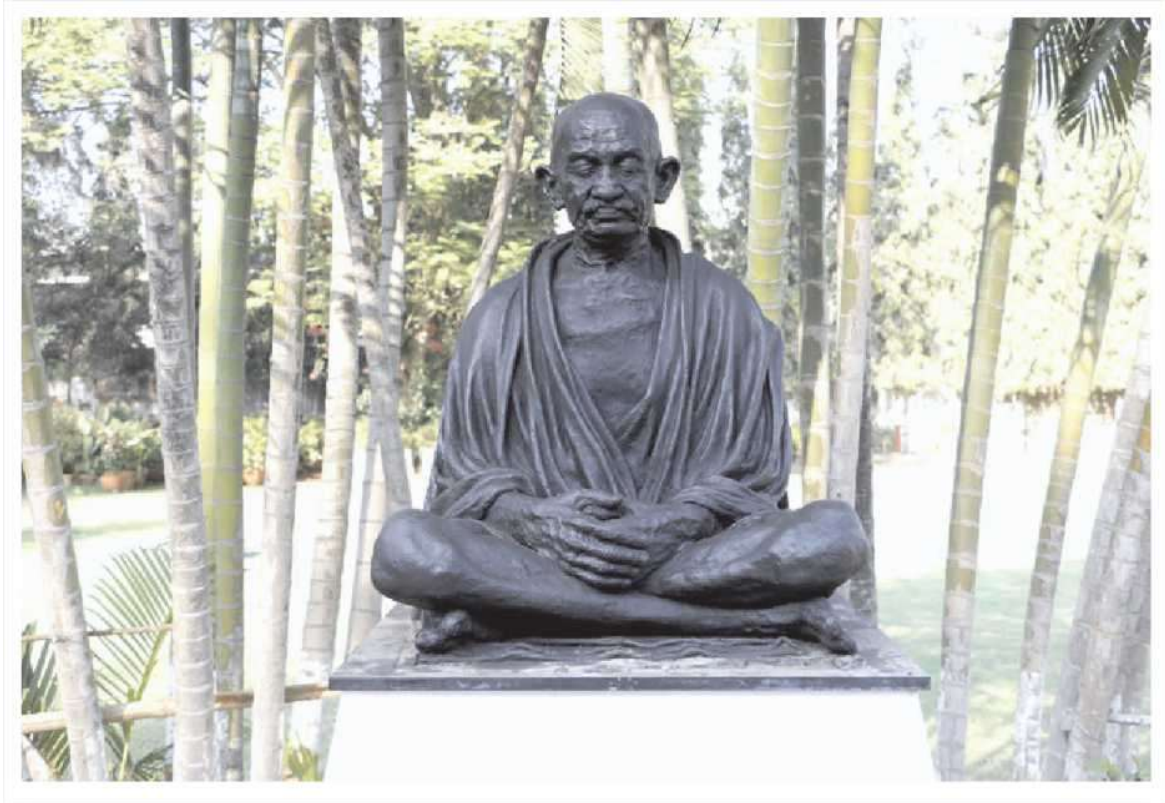
# **MGM INSTITUTE OF HEALTH SCIENCES**

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

## **ANNUAL REPORT**

**2018-2019**

## 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.**

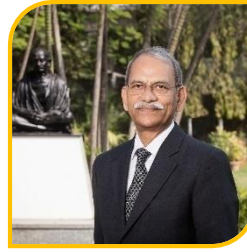
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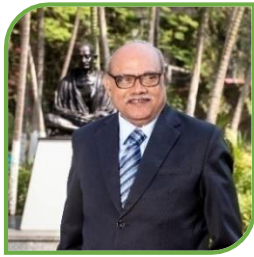
## ADVISORY COMMITTEE



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MGM School of Physiotherapy,  
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### **Contributions**

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

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

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

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

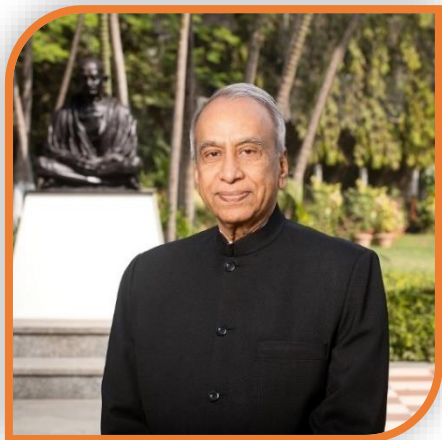
**Dr. Padma Ramesh,** Associate Professor, Department of E.N.T., MGM Medical College, Navi Mumbai

### **Editorial Assistants**

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

## 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

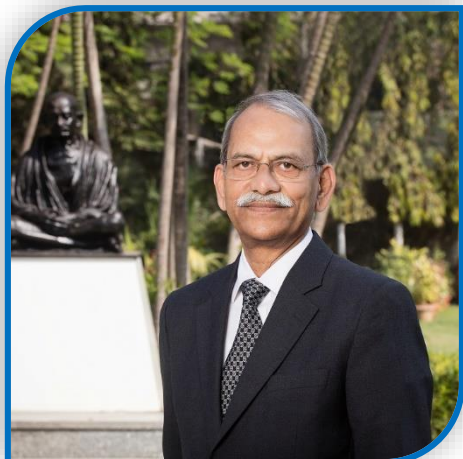
the world. Each year is span of moments divided into weeks and months for all to plan, implement, re - plan for the spinning of yarns of life. Educating a child begins at home continuing its way through school into workplace and wider world. Education cannot be measured or accomplished in a single day, 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 2018-19 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



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

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

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

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

Dr. Rajesh B. Goel  
*Registrar*  
MGMIHS

## Mahatma Gandhi Mission Trust

Mahatma Gandhi Mission, a Charitable Trust was established on 20<sup>th</sup> 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 it's 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%).

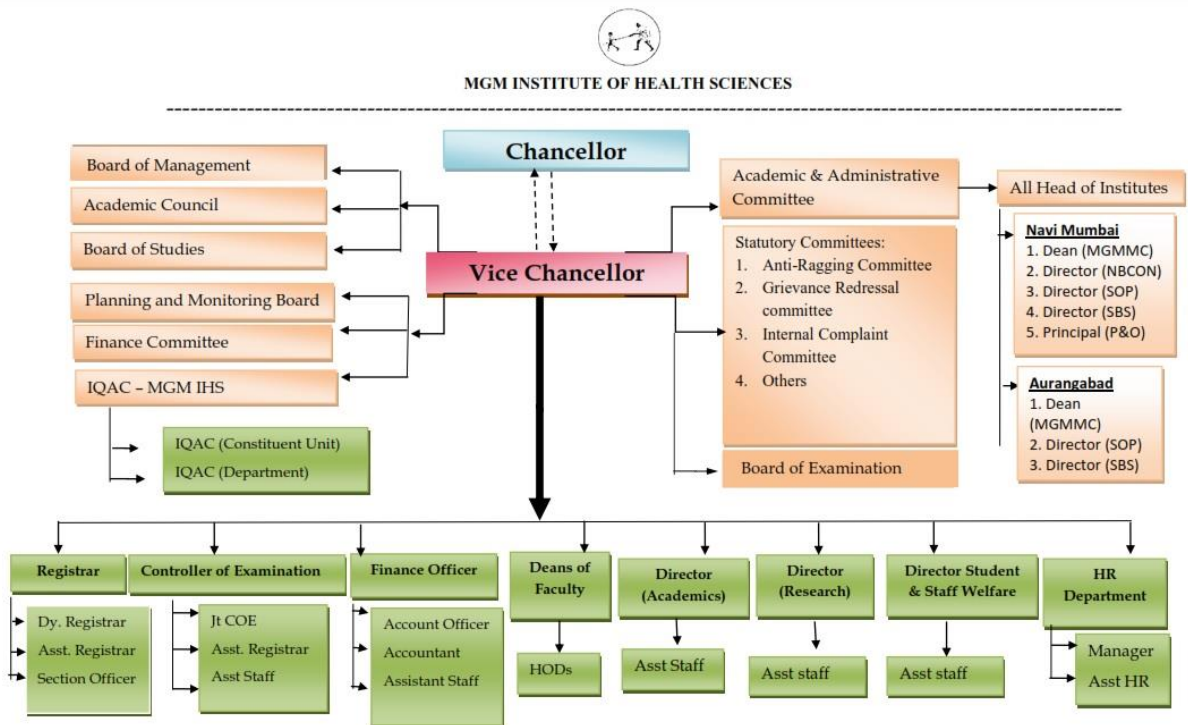
The faculty employed at MGMIHS not only meets the guidelines of Medical Council of India and other regulatory bodies, but are in excess so as to provide teaching in smaller groups and to help the slow learners. About 1022 faculty members are employed in Medical Colleges and other departments at both 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

Sr. No.	Name	Designation
1	Dr. Shashank D. Dalvi	<b>Hon'ble Vice Chancellor (Chairperson)</b>
2	Dr. G.S. Narshetty	Dean (Medical –PG Faculty) MGM Medical College, Navi Mumbai
3	Dr. R. B. Bohra	Dean (Medical –UG Faculty) MGM Medical College, Aurangabad
4	Dr. Pravin H. Shingare	Three eminent academicians nominated by Chancellor
	Dr. Nivritti G. Patil	
	Dr. Prakash Doke	
5	'Awaited'	One eminent academic nominated by Central Govt. in consultation with UGC
6	Dr. Prabha Dasila	Two Teachers (from Professor & Associate Professor) by rotation based on seniority Member
7	Dr. Madhuri Engade	
8	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	
9	Dr. R.B. Goel	Secretary

## Academic Council

Sr. No.	Category	Name	Location
1.	<b>Vice Chancellor - Chairperson</b>	Dr. Shashank D. Dalvi	MGM Institute of Health Sciences, Navi Mumbai
2.	Deans of Faculties	Dr. G.S. Narshetty (Medical - PG Faculty)	MGM Medical College, Navi Mumbai
		Dr. R. B. Bohra (Medical -UG Faculty)	MGM Medical College, Aurangabad
		Dr.(Mrs.) Prabha Dasila (Nursing & AHS)	MGM New Bombay College of Nursing Navi Mumbai
3.	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
	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
	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
		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)	MGMIHS OMICS, Research Centre, Navi Mumbai
		Dr. Seema Gupta (Immuno Haematology & Blood Transfusion)	MGM Medical College, Navi Mumbai
4.	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
5.	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
6.	Two Assistant Professors from the Department (by rotation of seniority)	Dr. Rajesh Kadam (Pharmacology)	MGM Medical College, Aurangabad
		Dr. Shreeja Nair (Respiratory Medicine)	MGM Medical College, Navi Mumbai
7.	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
8.	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
9.	Controllor of Examination Permanent Invitee	Dr. N. N. Kadam	MGM Medical College, Navi Mumbai
10.	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

Sr. No.	Category	Name
1	<b>Chairperson</b> Dean, (Medical -PG Faculty) MGM Medical College, Navi Mumbai	Dr. G.S. Narshetty
2	Dean, (Medical -UG Faculty) MGM Medical College, Aurangabad	Dr. R. B. Bohra
3	<b>Member</b> Chairperson, BOS - Preclinical	Dr. Ravindra S. Inamdar
4	<b>Member</b> Chairperson, BOS - Paraclinical	Dr. (Mrs.) Ipseeta Ray
5	<b>Member</b> Chairperson, BOS - Medicine & Allied	Dr. (Mrs.) Jaishree Ghanekar
6	<b>Member</b> Chairperson, BOS - Surgery and Allied	Dr. Pravin Rajendra Suryawanshi
7	<b>Member</b> Chairperson, BOS - Superspecialty	Dr. Sudhir G. Kulkarni
8	<b>Member</b> Co-Chairperson, BOS - Preclinical	Dr. Gautam A. Shroff
9	<b>Member</b> Co-Chairperson, BOS - Paraclinical	Dr. (Mrs.) Manjushree Vijay Mulay
10	<b>Member</b> Co-Chairperson, BOS - Medicine & Allied	Dr. Shobha B. Salve
11	<b>Member</b> Co-Chairperson BOS - Surgery and Allied	Dr. Siddharth Dubhashi
12	<b>Member</b> Co-Chairperson, BOS - Superspecialty	Dr. Sameer Kadam
13	<b>Joint Controller of Examination</b>	Dr. Parineeta Samant
14	<b>Eminent Academician (Permanent Invitee)</b>	Dr. P.M. Jadhav
15	<b>Controller of Examinations (Permanent Invitee)</b>	Dr. N. N. Kadam
16	<b>Member Secretary</b>	Dr. R.B. Goel



## Faculty of Nursing and Allied Health Sciences

Sr. No.	Name	Designation
1	Dr. Prabha Dasila Dean Faculty (Nursing& AHS) & Principal, MGM New Bombay College of Nursing, Navi Mumbai	Chairperson
2	Dr. Rajani Mullerpatan Director, MGM School of Physiotherapy, Navi Mumbai	Member
3	Prof. Dr. Zaki Anwar In-charge Principal, MGM School of Physiotherapy, Aurangabad	Member
4	Dr. Mansee Thakur In-Charge Director, MGM School of Biomedical Sciences, Navi Mumbai	Member
5	Dr. Veena Hatolkar In-Charge Director, MGM School of Biomedical Sciences, Aurangabad	Member
6	Mrs. Uttara Deshmukh I/C HOD, MGM Institute's University Department of P & O, Navi Mumbai	Member
7	Dr. Siddharth Dubhashi Director, (Academics) MGM Institute, Navi Mumbai	Member
8	Dr. Parineeta Samant Joint Controller, MGM Institute, Navi Mumbai	Member
9	Dr. R. B. Bohra Dean, (Medicine -UG Faculty) MGM Medical College, Aurangabad	Permanent Invitee
10	Dr. G.S. Narshetty Dean, (Medicine -PG Faculty) MGM Medical College, Navi Mumbai	Permanent Invitee
11	Dr. P.M. Jadhav Vice Chairman, MGM Institute of Health Sciences, Navi Mumbai	Permanent Invitee
12	Dr. N. N. Kadam Controller of Examinations, MGM Institute, Navi Mumbai	Permanent Invitee
13	Dr. R.B. Goel Registrar, MGM Institute, Navi Mumbai	Member

**BOARD OF STUDIES - PRE CLINICAL (I MBBS)**

Sr. No.	Name	Department	Designation	Location
1	Dr.Ravindra S.Inamdar (Chairperson)	Physiology	Prof. & HOD	MGM MC, Navi Mumbai
2	Dr. Gautam A. Shroff (Co-Chairperson)	Anatomy	Prof. & HOD	MGM MC, Aurangabad
3	Dr. (Mrs.) Anjali Sabnis	Anatomy	Prof. & HOD	MGM MC, Navi Mumbai
4	Dr. Pramod U. Shinde	Physiology	Prof. & HOD	MGM MC, Aurangabad
5	Dr. Parineeta Samant	Biochemistry	I/C HOD	MGM MC, Navi Mumbai
6	Dr.DhananjayV. Bhale	Biochemistry	Prof. & HOD	MGM MC, Aurangabad
7	Dr. S.R. Phatale	Physiology	Professor	MGM MC, Aurangabad
8	Dr. Rita M. Khadkikar	Physiology	Associate Professor	MGM MC, Navi Mumbai
9	Dr. (Mrs.) Bhavana Junagade	Anatomy	Assistant Professor	MGM MC, Navi Mumbai
10	Dr. Vaishali S. (Dhoot) Mandhana	Anatomy	Associate Professor	MGM MC, Aurangabad
11	Dr. (Mrs.) Kavita More	Biochemistry	Associate Professor	MGM MC Navi Mumbai
12	Dr.Deepali M. Vaishnav	Biochemistry	Associate Professor	MGM MC Aurangabad
13	Dr. Yuvaraj J. Bhosale	Anatomy	Professor (additional), External invitee (Permanent Member)	Seth GS Medical College & KEM Hospital, Parel, Mumbai
14	Dr. D.N. Shenvi	Physiology	Prof.&Head, External invitee (Permanent Member)	Seth GS Medical College & KEM Hospital, Parel Mumbai
15	Dr. Vijaya Haldankar	Biochemistry	Prof.&Head, External invitee (Permanent Member)	Dr.DY Patil Medical College & Hospital, Nerul, Navi Mumbai
16	Dr. Siddharth Dubhashi	Surgery	Director (Academic)	MGMHS
17	Dr. R.B. Goel	Community Medicine	Registrar	MGMHS

**BOARD OF STUDIES - PARA CLINICAL (II MBBS)**

Sr. No.	Name	Department	Designation	Location
1	Dr. (Mrs.) Ipseeta Ray (Chairperson)	Pharmacology	Professor	MGM MC, Navi Mumbai
2	Dr. (Mrs.) Manjushree Vijay Mulay (Co-Chairperson)	Microbiology	Prof. & HOD	MGM MC, Aurangabad
3	Dr. A.D. Urhekar	Microbiology	Prof. & HOD	MGM MC, Navi Mumbai
4	Dr. Deepak S. Bhosale	Pharmacology	Prof. & HOD	MGM MC, Aurangabad
5	Dr. Shilpi Sahu	Pathology	Prof. & HOD	MGM MC, Navi Mumbai
6	Dr. Chandrashekhar P. Bhale	Pathology	Prof. & HOD	MGM MC, Aurangabad
7	Dr. Rajiv Choudhari	F. M. T	Prof. & HOD	MGM MC, Navi Mumbai
8	Dr. Navinkumar M. Varma	F. M. T	Prof. & HOD	MGM MC, Aurangabad
9	Dr. (Mrs.) Anahita Hodiwala	Microbiology	Professor	MGM MC, Navi Mumbai
10	Dr. Seema Gupta	IHBT	Professor	MGM MC, Navi Mumbai
11	Dr. Samir Pachpute	Microbiology	Associate Professor	MGM MC, Navi Mumbai
12	Mrs. Jyotsna Mishra	Microbiology	Assistant Lecturer	MGM MC, Aurangabad
13	Dr. (Mrs.) Savita Shahani	Pharmacology	Prof. & HOD	MGM MC, Navi Mumbai
14	Dr. Prashant S. Chaudhari	Pharmacology	Assistant Professor	MGM MC, Aurangabad
15	Dr. Ujjwala Maheswari	Pathology	Professor	MGM MC, Navi Mumbai
16	Dr. Manisha Tambekar	Pathology	Associate Professor	MGM MC, Navi Mumbai
17	Dr. Hoogar M.B	Pathology	Associate Professor	MGM MC, Navi Mumbai
18	Dr. Mrs. Pingle Suparna Sharad	Pathology	Associate Professor	MGM MC, Aurangabad
19	Dr. Ajay Shendarkar	F. M. T.	Associate Professor	MGM MC, Navi Mumbai
20	Dr. Mahesh P. Jambure	F.M. T.	Associate Professor	MGM MC, Aurangabad
21	Dr. Shilpa Patel,	Oral Pathology	Prof. & HOD	MGM Dental College, Navi Mumbai
22	Dr. Vasant Baradkar	Microbiology	Professor External invitee (Permanent Member)	TNMC and BYL general hospital, Mumbai
23	Dr. Sudha Mani	Pathology	Professor External invitee (Permanent Member)	D.Y. Patil Medical College, Nerul
24	Dr. Shirish Joshi	Pharmacology	Professor	GSMC and KEM Hospital

			External invitee (Permanent Member)	Mumbai
25	Dr. Siddharth Dubhashi	Surgery	Director (Academic)	MGMHS
26	Dr. R.B. Goel	Community Medicine	Registrar	MGMHS

### BOARD OF STUDIES - MEDICINE AND ALLIED

Sr. No.	Name	Department	Designation	Location
1	Dr. (Mrs.) Jaishree Ghanekar (Chairperson)	Medicine	Prof. & HOD	MGM MC, Navi Mumbai
2	Dr. Shobha B. Salve (Co-Chairperson)	Community Medicine	Prof. & HOD	MGM MC, Aurangabad
3	Dr. Naik Manjiri Rajiv	Medicine	Prof. & HOD	MGM MC, Aurangabad
4	Dr. Prasad Waingankar	Community Medicine	Prof. & HOD	MGM MC, Navi Mumbai
5	Dr. Vijay Kamale	Pediatrics	Prof. & HOD	MGM MC, Navi Mumbai
6	Dr. (Mrs.) Anjali V. Kale	Pediatrics	Professor	MGM MC, Aurangabad
7	Dr. Rakesh Ghildiyal	Psychiatry	Prof. & HOD	MGM MC, Navi Mumbai
8	Dr. Manik C. Bhise	Psychiatry	Associate Professor	MGM MC, Aurangabad
9	Dr. (Mrs.) Shylaja Someshwar	Skin & VD	Associate Professor	MGM MC, Navi Mumbai
10	Dr. Ashish R. Deshmukh	Skin & VD	Prof. & HOD	MGM MC, Aurangabad
11	Dr. Pradeep Potdar	Chest & TB	Prof. & HOD	MGM MC, Navi Mumbai
12	Dr. Aashish S. Deshmukh	Chest & TB	Prof. & HOD	MGM MC, Aurangabad
13	Dr. D.B. Bhusare	Emergency Medicine	Prof. & HOD	MGM MC, Navi Mumbai
14	Dr. T.K. Biswas	Geriatrics	Prof. & HOD	MGM MC, Navi Mumbai
15	Dr. Vijaykumar S. Gulve	Medicine	Associate Professor	MGM MC, Aurangabad
16	Dr. Mrunal Mahendra Pimparkar	Community Medicine	Professor	MGM MC, Navi Mumbai
17	Dr. (Mrs.) Swati M. Mahajan	Community Medicine	Associate Professor	MGM MC, Aurangabad
18	Dr. (Mrs.) Bageshree Seth	Pediatrics	Professor	MGM MC, Navi Mumbai
19	Dr. Madhuri B. Engade	Pediatrics	Associate Professor	MGM MC, Aurangabad
20	Dr. (Mrs.) N. D. Moulick	Medicine	Prof. & Head, External invitee	LTMC, Sion Hospital, Mumbai

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

### BOARD OF STUDIES - SURGERY AND ALLIED

Sr. No.	Name	Department	Designation	Location
1.	<b>Dr. Pravin R. Suryawanshi (Chairperson)</b>	Surgery	Prof. & HOD	MGM MC, Aurangabad
2.	<b>Dr. Siddharth Dubhashi (Co-Chairperson)</b>	Surgery	Prof. & HOD & Director (Academic)	MGMIHS
3.	Dr. (Mrs.) Swati S. Shiradkar	OBGY	Professor	MGM MC, Aurangabad
4.	Dr. Sushil Kumar	OBGY	Prof. & HOD	MGM MC, Navi Mumbai
5.	Dr. (Mrs.) Kalpana Rajivkumar	ENT	Prof. & HOD	MGM MC, Navi Mumbai
6.	Dr. Reena Vare	ENT	Prof. & HOD	MGM MC, Aurangabad
7.	Dr. (Mrs.) N. Abidi	Ophthalmology	Prof. & HOD	MGM MC, Navi Mumbai
8.	Dr. J. P Mishrikotkar	Ophthalmology	Prof. & HOD	MGM MC, Aurangabad
9.	Dr. Alfven Vieira	Orthopaedics	Prof. & HOD	MGM MC, Navi Mumbai
10.	Dr. Rajendra N. Shewale	Orthopaedics	Prof. & HOD	MGM MC, Aurangabad
11.	Dr. Devidas Dahiphale	Radiology	Associate Prof. & HOD	MGM MC, Aurangabad

12.	Dr. R.L. Gogna	Anaesthesia	Prof. & HOD	MGM MC, Navi Mumbai
13.	Dr. Pramod V. Bhale	Anaesthesia	Professor	MGM MC, Aurangabad
14.	Dr. N.L. Vyas	Surgery	Associate Professor	MGM MC, Navi Mumbai
15.	Dr. A.Q. Khan	Surgery	Associate Professor	MGM MC, Aurangabad
16.	Dr. (Mrs.) Shaifali Patil	OBGY	Associate Professor	MGM MC, Navi Mumbai
17.	Dr. Gauri N. Bapat	OBGY	Associate Professor	MGM MC, Aurangabad
18.	Dr. Amey Rathi	Dentistry	Assistant Professor	MGM MC, Aurangabad
19.	Dr. Srivalli Natrajan	Oral Maxillofacial Surgery	Prof. & HOD	MGM Dental College, Navi Mumbai
20.	Dr. Satish Dharap	Surgery	Prof. & Head <b>External invitee (Permanent Member)</b>	Topiwala National Medical College & Nair Hospital, Mumbai
21.	Dr. Kamlesh Chaudhari	OBGY	Prof. & Head <b>External invitee (Permanent Member)</b>	K.J. Somaiya Medical College Hospital & Research Centre Mumbai
22.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

### BOARD OF STUDIES - SUPERSPECIALITY

Sr. No.	Name	Department	Designation	Location
1.	<b>Dr. Sudhir G. Kulkarni (Chairperson)</b>	Nephrology	Prof. & Head	MGM MC, Aurangabad
2.	<b>Dr. Sameer Kadam (Co-Chairperson)</b>	CVTS	Professor	MGM MC, Navi Mumbai
3.	Dr. Yogesh P. Belapurkar	CVTS	Associate Professor	MGM MC, Aurangabad
4.	Dr. R. Rathod	Cardiology	Prof. & Head	MGM MC, Navi Mumbai
5.	Dr. Ashish Deshpande	Cardiology	Prof. & Head	MGM MC, Aurangabad

6.	Dr. Shilpa Deshmukh	Cardiology	Associate Professor	MGM MC, Navi Mumbai
7.	Dr. Piyush Singhania	Urology	Prof. & Head	MGM MC, Navi Mumbai
8.	Dr. Martand G. Patil	Urology	Prof. & Head	MGM MC, Aurangabad
9.	Dr. Avinash D. Yelikar	Plastic Surgery	Prof. & Head	MGM MC, Aurangabad
10.	Dr. Ajay U. Mahajan	Cardiology	Professor <b>External invitee (Permanent Member)</b>	LTMC, Sion Hospital, Mumbai
11.	Dr. Ajit Sawant	Urology	Prof. & Head, <b>External invitee (Permanent Member)</b>	LTMC, Sion Hospital, Mumbai
12.	Dr. Siddharth Dubhashi	Surgery	Director (Academic)	MGMIHS
13.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

### BOARD OF STUDIES – BIOMEDICAL SCIENCES

Sr. No.	Name	Department	Designation	Location
1.	<b>Dr. (Mrs.) Mansee Thakur (Chairperson)</b>	MGM School of Biomedical Sciences	In-charge Director, MGM SBS	MGM SBS Navi Mumbai
2.	<b>Dr. Veena Hatolkar (Co-Chairperson)</b>	MGM School of Biomedical Sciences	In-charge Director, MGM SBS	MGM MC, Aurangabad
3.	Dr. G.A. Shroff	Anatomy	Prof. & HOD	MGM MC, Aurangabad
4.	Dr. Yashoda Kattimani	Physiology	Associate Professor	MGM MC, Navi Mumbai
5.	Dr. Parineeta Samant	Biochemistry	I/C. HOD	MGM MC, Navi Mumbai
6.	Dr. Sharvari Samant	Microbiology	Associate Professor	MGM MC, Navi Mumbai
7.	Dr. Shilpi Sahu	Pathology	Prof. & HOD	MGM MC, Navi Mumbai
8.	Dr. Deepika Sathe	Anesthesiology (AT/OT)	Associate Professor	MGM MC, Navi Mumbai
9.	Dr. Kshitija Gadekar	Nephrology (Dialysis)	Assistant Professor	MGM MC, Aurangabad

10.	Dr. Sameer Kadam	CVTS (Perfusion Technology)	Professor	MGM MC, Navi Mumbai
11.	Dr. Priti Kapoor	Radiology (MIT)	Prof. & HOD	MGM MC, Navi Mumbai
12.	Dr. Prashant Udgire	Cardiology (CCT)	Associate Professor	MGM MC, Aurangabad
13.	Dr. Yogita Phadke	Ophthalmology (Optometry)	Assistant Professor	MGM MC, Aurangabad
14.	Dr. Sachin Kale	Pathology (MLT)	Associate Professor	MGM MC, Aurangabad
15.	Dr. (Mrs.) Anjali Sabnis	Anatomy	Prof. & HOD	MGM MC, Navi Mumbai
16.	Dr. Raman P. Yadav	MGMIHS OMICS Research Centre	Prof. & HOD	MGM SBS, Navi Mumbai
17.	Dr. Rita Abbi	Biostatistics	Professor	MGM SBS, Navi Mumbai
18.	Dr. Archana Mishra	MHA	Associate Professor	MGM SBS, Navi Mumbai
19.	Dr. Leela Gul Abichandani,	Biochemistry	Professor <b>External invitee</b>	Grant Govt. Medical College, Mumbai
20.	Dr. Sunita Singh	Biotechnology and Bioinformatics	Associate Professor <b>External invitee</b>	D.Y. Patil University. Belapur Campus
21.	Dr. Siddharth Dubhashi	MGMIHS	Director (Academics)	Navi Mumbai
22.	Dr. R.B. Goel	MGMIHS	Registrar	Navi Mumbai



## BOARD OF STUDIES - PHYSIOTHERAPY & PROSTHETICS & ORTHOTICS

Sr. No.	Name	Department	Designation	Location
1.	<b>Dr. (Mrs.) Rajani Mullerpatan (Chairperson)</b>	MGM School of Physiotherapy	Director	Navi Mumbai
2.	<b>Dr. Zaki Anwer (Co-Chairperson)</b>	MGM School of Physiotherapy	In-charge Principal	Aurangabad
3.	Dr. (Mrs.)Bela Agarwal (PT)	MGM School of Physiotherapy	Associate Professor	Navi Mumbai
4.	Dr. (Mrs.)Meruna Bose(PT)	MGM School of Physiotherapy	Associate Professor	Navi Mumbai
5.	Dr. Divya Jethwani	MGM School of Physiotherapy	Associate Professor	Aurangabad
6.	Dr. Sunil Harsulkar	MGM School of Physiotherapy	Assistant Professor	Aurangabad
7.	Dr. Tajuddin Chitapure	MGM School of Physiotherapy	Assistant Professor	Aurangabad
8.	Mrs. Uttara Deshmukh	MGM Institute's University Department of Prosthetics & Orthotics	I/C HOD	Navi Mumbai
9.	Dr. (Mrs.) Bhavana Junagade	Anatomy	Assistant Professor	MGM MC, Navi Mumbai
10.	Dr. Priyanka Rane	Physiology	Lecturer	MGM MC, Navi Mumbai
11.	Dr. Pramod U. Shinde	Physiology	Prof. & HOD	MGM MC, Aurangabad
12.	Dr. Parineeta Samant	Biochemistry	I/C HOD	MGM MC, Navi Mumbai
13.	Dr. Hoogar M. B	Pathology	Associate Professor	MGM MC, Navi Mumbai
14.	Dr. Meera Mahajan	Pathology	Assistant Professor	MGM MC, Aurangabad
15.	Dr. (Mrs.)Ipseeta Ray	Pharmacology	Professor	MGM MC, Navi Mumbai
16.	Dr. (Mrs.)Sharvari Samant	Microbiology	Associate Professor	MGM MC, Navi Mumbai

17.	Dr. Mitesh Thakkar	General Medicine	Professor	MGM MC, Navi Mumbai
18.	Dr. Sarabjeet Singh Kohli	Orthopedic	Professor	MGM MC, Navi Mumbai
19.	Dr. Darpan Kaur	Psychiatry	Associate Professor	MGM MC, Navi Mumbai
20.	Dr. Prasad Waingankar	Community Medicine	Prof. & HOD	MGM MC, Navi Mumbai
21.	Dr. (Mrs.) Shylaja Someshwar	Dermatology	Associate Professor	MGM MC, Navi Mumbai
22.	Dr. Archana Chatterji	Obstetrics & Gynecology	Associate Professor	MGM MC, Navi Mumbai
23.	Dr. Vijay Kamale	Pediatrics	Prof. & HOD	MGM MC, Navi Mumbai
24.	Dr. Suvarna Shyam Ganvir		Professor & HOD of Neurophysiotherapy <b>External Member</b>	DVVPF's, college of Physiotherapy Vilad Ghat, Ahmednagar
25.	Dr. A.G. Indalkar	All India Institute of Physical Medicine & Rehabilitation	HOD(P & O) Lecturer <b>External Member</b>	Mahalaxmi, Mumbai
26.	Dr. Siddharth Dubhashi	Surgery	Director (Academic)	MGMIHS
27.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

### BOARD OF STUDIES - NURSING

Sr. No.	Name	Department	Designation	Location
1.	<b>Dr.(Mrs.) Prabha Dasila (Chairperson)</b>	MGM New Bombay College of Nursing	Principal	Navi Mumbai
2.	<b>Dr. (Mrs.) Anuradha Mhaske (Co-Chairperson)</b>	MGM College of Nursing	Director	Aurangabad
3.	Dr. (Mrs.) Mary Mathews N.	MGM College of Nursing	Professor & Principal	Navi Mumbai
4.	Dr. Satishchandra T. Buyite	MGM College of Nursing	Professor & Principal	Aurangabad

5.	Mrs. Ponchitra R.	MGM New Bombay College of Nursing	Professor cum Vice Principal	Navi Mumbai
6.	Mrs. Susan Jacob	MGM New Bombay College of Nursing	Professor	Navi Mumbai
7.	Mrs. Maria Preethi Mathew	MGM New Bombay College of Nursing	Associate Professor	Navi Mumbai
8.	Mrs. Padmja Dhawale	MGM New Bombay College of Nursing	Associate Professor	Navi Mumbai
9.	Mrs. Jyoti Chaudhari	MGM New Bombay College of Nursing	Associate Professor	Navi Mumbai
10.	Dr. Vishwanath Biradar	MGM College of Nursing	Assistant Professor	Aurangabad
11.	Mrs. N. Prabhadevi	MGM College of Nursing	Assistant Professor	Aurangabad
12.	Mrs. Kanwaljeet Kaur	MGM College of Nursing	Assistant Professor	Aurangabad
13.	Dr. Jaishree Ghaneekar	Medicine	Prof. & HOD	MGM MC, Navi Mumbai
14.	Dr. Rakesh Ghildiyal	Psychiatry	Prof. & HOD	MGM MC, Navi Mumbai
15.	Dr. Ipseeta Ray	Pharmacology	Professor	MGM MC, Navi Mumbai
16.	Dr. Sharvari Samant	Microbiology	Associate Professor	MGM MC, Navi Mumbai
17.	Dr. Asha Sharma		Vice President of INC <b>External invitee (Permanent Member)</b>	Indian Nursing Council New Delhi - 110002
18.	Dr. Rani Shetty		<b>Professor External invitee (Permanent Member)</b>	Principal Maniba Bhula Nursing College UKA Tarsadia University, Bardoli-Surat
19.	Dr. Meera Achrekar		<b>Professor External invitee (Permanent Member)</b>	Homi Bhabha University Mumbai, (ACTREC, Kharghar)

20.	Dr. Shivabalan T.		Dean, Faculty of Nursing <b>External invitee</b>	College of Nursing, Pravara Institute of Medical Sciences, Loni
21.	Dr. Vaishali Mohite		Dean, Professor & Principal, <b>External invitee</b>	Krishna Institute of Medical Sciences, Karad
22.	Dr. Nancy Fernandes		Principal <b>External invitee</b>	Leelabai Thackersey College of Nursing, Churchagate, Mumbai
23.	Mrs. Savia Fernandes	MGM Hospital	Nursing Superintendent	Vashi
24.	Dr. Siddharth Dubhashi	Surgery	Director (Academic)	MGMHS
25.	Dr. R.B. Goel	Community Medicine	Registrar	MGMHS

## ANOINTING CEREMONY OF HON'BLE CHANCELLOR

Anointing Ceremony was held on **Tuesday, 20<sup>th</sup> November, 2018**, for handing over charge of 'Chancellor' of MGM Institute of Health Sciences to newly appointed Hon'ble Chancellor, Shri. Kamalkishor N. Kadam from outgoing Hon'ble Chancellor Dr. K. G. Narayankhedkar.





**Handing over responsibilities from outgoing Chancellor Dr.K.G.N.Khedkar to incoming Hon'ble Chancellor Shri KamalKishore Kadamji**





**Chairman of MGM Trust presenting a memento to outgoing Chancellor Dr.K.G.N.Khedkar**



## Internal Quality Assurance Cell (IQAC)

### Vision Statement:

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

### Objectives

1. To foster a dynamic teaching-learning environment with outcome-based benchmarks for improvement of academic and administrative performance of MGMIHS and its constituent institutions.
2. To promote initiatives for quality enhancement through internalization of quality culture and institutionalization of best practices at MGMIHS 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
Feedback from Stakeholders	01.07.18
Research Methodology Workshops	01.07.18
Resident as teacher workshop	25.07.18
Academic and Administrative Audit (Internal)	16.07.18
Guest Lecture on Historical Progress towards Quality in Higher Education in India ( <b>Prof. Ved Prakash</b> )	01.08.18
Academic and Administrative Audit (External): <b>Dr S. Rangaswami, Dr.V.Saoji, Dr.Y.M.Jayraj,DrGanvir, DrManjuVatsa.</b>	07.08.18
ICMR-STs Orientation Lecture (Navi Mumbai campus)	24.09.18
Value-based Education and inculcation of Gandhian Philosophy	02.10.18
3T- Bioethics UNESCO Workshop (Aurangabad)	11.10.18
ICMR-STs Orientation Lecture (Aurangabad campus)	12.10.18
Pilot Study for Revised SSR for Health Science Universities in collaboration with NAAC	15.12.18
Contribution by Hon'ble VC Dr. Shashank Dalvi as EPSI team member for contributing development of NAAC manual for health sciences universities.	6.12.18
Guest Lecture on Revised Accreditation Framework for Research, Consultancy and extension activities Prof. <b>Dr. S. P. Thyagarajan</b>	12.01.19
National Seminar on Revised Accreditation Framework in collaboration with NAAC at MGM Medical College, Aurangabad.Speakers: <b>Dr.JagannathPatil, Dr.S.ChandrashekarShetty,DrB.Chapparwal, Dr Y. M Jayraj, Dr. P.N. Razdan, Dr. Shashank Dalvi</b>	19.01.19
Workshop on Pathways to Surgical Excellence ( <b>Dr. NivrittiPatil</b> )	25.02.19
Bioethics E-poster and Essay competitions	06.04.19
Mechanics of question paper setting	21.06.19



**Resident as teacher workshop: 10.7.18**

**Session by Dr Shilpi Sahu;  
Professor and HOD Pathology**

**Session by Dr Jaishree Ghanekar  
Professor and HOD Medicine**



**Session on Research, Innovation and Extension: Prof. Dr. S. P. Thyagarajan,  
Sri Ramachandra Institute of Higher Education & Research, Chennai  
(Former Vice Chancellor, University of Madras) on 12.1.19 at MGMIHS**

**Academic and Administrative Audit (External):7<sup>th</sup> to 9<sup>th</sup> Aug-2018  
Center to Right :Dr S. Rangaswami (Former VC Sri Ramchandra University Chennai,)  
Dr. ShashankDalvi(Hon'able VC – MGMIHS) ,  
Dr.Y.M.Jayraj (VC PIMS,Loni)  
DrGanvir (Principal Dr VVPF College of Physiotherapy)  
Dr. Sameer Kadam, (Prof Surgery, MGMIHS)**

**Center to left: DrManjuVatsa, (Principal, AIIMS, Delhi)  
Dr S.N. Kadam, (Medical Director, MGMIHS)  
Dr.V.Saoji, (VC, KLE University, Belgavi)  
Dr Rajesh Goel, (Registrar, MGMIHS)  
Dr S .Dubhashi (Director Academics, IQAC Coordinator, MGMIHS)**





**AAA committee at Navi Mumbai campus : Dr.V. Saoji Interacting with the Student.**



**AAA Department Presentation, Aurangabad: Dr Y. M Jayraj, Dr. Shashank Dalvi, Hon'ble VC**

National Seminar on Revised Accreditation Framework in collaboration with NAAC at MGM Medical College, Aurangabad.

Speaker : Dr. Shashank D. Dalvi (Hon'ble VC MGMIHS)

Left to Right: Dr.S.Chandrashekar Shetty (VC Adichunchangiri University Karnataka)

Dr.B.Chapparwal (Former VC Devi Ahilya Vishwavidyalaya, Indore)

Dr. JagannathPatil (NAAC Advisor & Regional Coordinator)

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

Dr. R. B. Bohra (Dean Aurangabad, MGMIHS)



**Workshop on Pathways to Surgical Excellence**  
**Speaker: Dr. Nivrutti Patil (Professor of Surgery, University of Hong Kong)**



**Bioethics E-poster and Essay competitions on 06.04.19 for students**



## Future Plans

### (A) Curriculum:

- Introducing new programs:
- Addition of new value added courses for developing graduate attributes.

### (B) Teaching-Learning and Evaluation:

- Nodal Centre of Statutory Council for faculty Development Programs
- Effective implementation of Competency-Based Medical Education Framework
- Structured Induction Programs as per UGC guidelines (*Deekshaarambh*)
- Examination reforms: Online evaluation of Dissertations / Theses
- Formulation and implementation of MOOC
- Thematic State / National level Quiz competitions for students.

### (C) Research:

- Enhancement of start-up culture in Health Science Institutions
- Entrepreneurship and Innovations
- Identification of thrust areas of research for all disciplines, with a focus on inter-disciplinary research.

### (D) Student Welfare:

- Student Exchange Programs with reputed Universities
- Strengthen NSS activities.

### (E) Environment:

- Environment awareness campaigns: One student, One tree initiative  
Environment awareness

## 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 Center is a Centre of Excellence in 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.



Figure: Various sections of MGMIHS OMICS Research Center

Research and technology innovation in the center are mainly revolving around the integration of advanced knowledge of protein science, enzymology, metabolic network, natural products chemistry, green synthesis etc. Presently, the center is actively engaged in discovery and diagnostic research in the area of tuberculosis, malaria, obesity and diabetes. The center is enriched with basic and advanced instruments. This center is powered by availability of separate animal cell culture and microbial culture sections. Center is also equipped with advanced bio-systems for bio-fabrication of metallic nanoparticles. Bio-fabrication based generation of 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 and MGMIHS Incubation and Innovation Centre. Good number of major projects (both external and internal) along with several minor projects were being carried out in full pace. The center is technologically upgraded with computers and internet.

In year 2018-2019, the major focus of research was on extension activity on product development related to TB kit; identification and characterization of novel molecule from plants for anti- diabetes; and sensitivity enhancement of drug for reversal of drug resistance. To achieve these:

- Earlier, the center has successfully demonstrated application of biogenic quantum dots for Cerium quantum dot powered IP-10 antibody assembly for identification of TB antigen and developed detection kit. On extension of this, the centre has established glass slide based kit for detection of *Mycobacterium tuberculosis* IP-10 antigen.
- Towards the search of anti- diabetes molecule, various plants were screened and identified on the basis of pancreatic lipase inhibitory activity and alpha glucosidase inhibitory activity which can be a potential system for anti-diabetes. In this direction, different plants and molecules were studied for multifunctional activities.

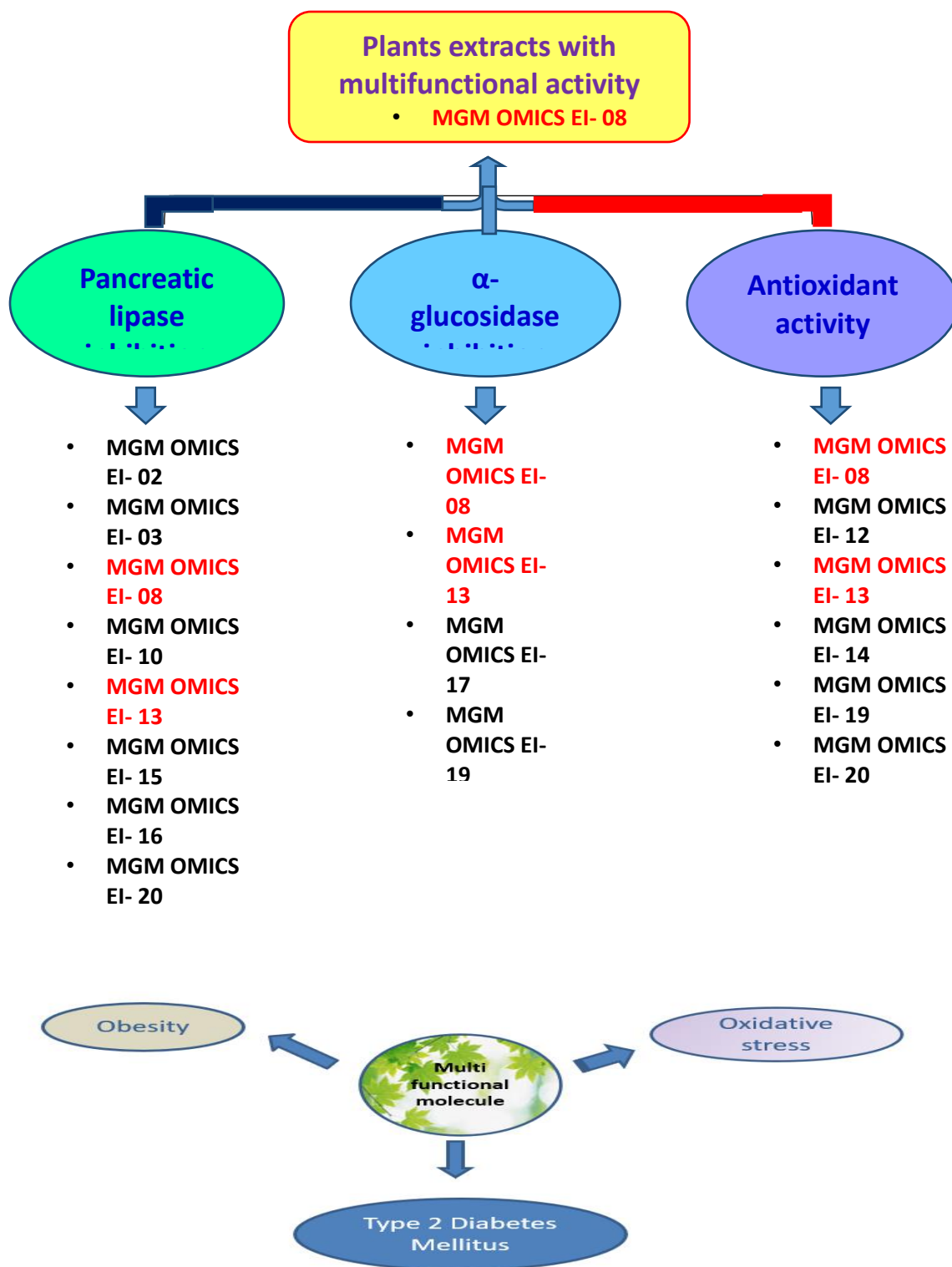


Figure: Exploration of molecule having multifunctional property, example: diabetes (diabetes and obesity)

- The center has also established *in- vitro* culture of malarial parasite (*Plasmodium falciparum*).

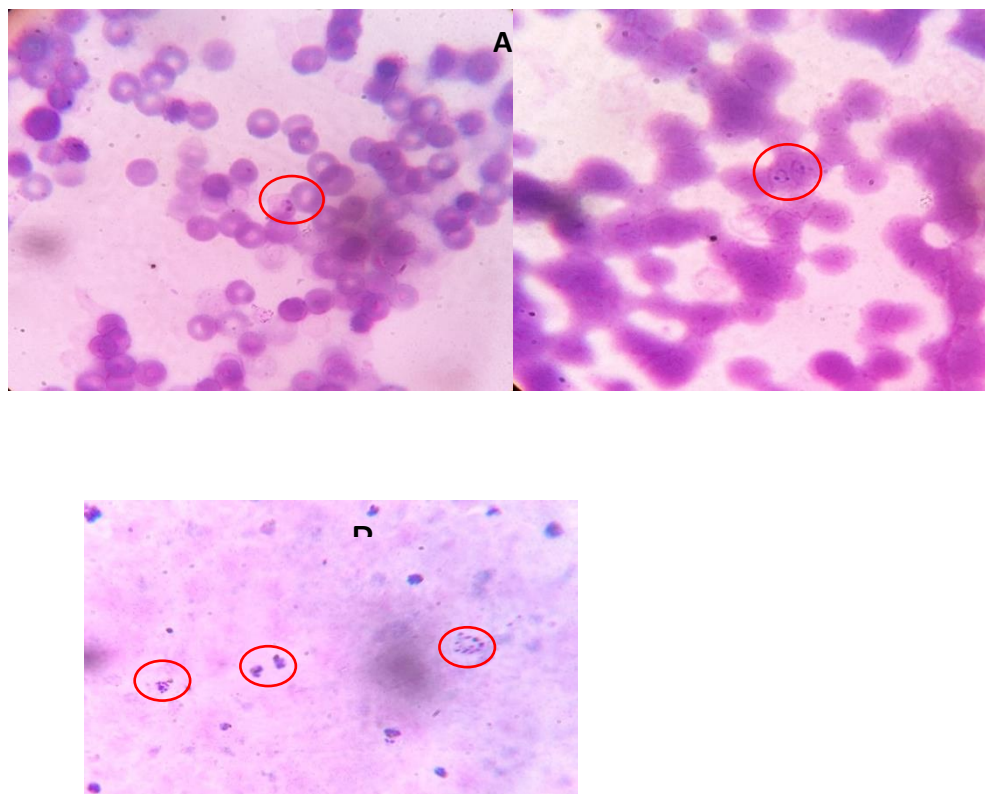


Figure: Different stages (A & B) of *in- vitro* cultivation of *Plasmodium falciparum*

In order to check drug sensitivity enhancement for screening of plant derived extract/ molecule, various models were established including bacterial model.

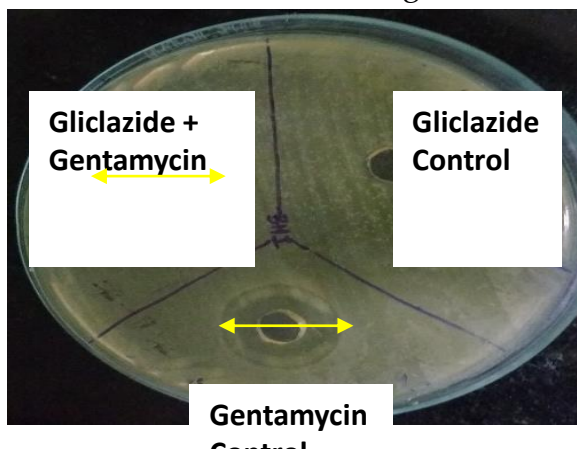


Figure: Bacterial model (*Enterococcus faecalis*) for gentamycin sensitivity enhancement using gliclazide.



Besides this, minor projects such as isolation of new microbial lipase, nutritional drink of *Moringa oleifera*, exploration of florets for carbonic anhydrase in eyecare etc. were carried out. The centre had also initiated the establishment of *Daphnia magna* facility during this period. Two major ongoing projects funded by Department of Science and Technology and BRNS, Department of Atomic Energy, Govt. of India were also being carried out.

### Some important achievements:

#### Patent filed/ published:

1. One PCT filed (International Application No. PCT/IN2018/050688) – Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen. YADAV, Raman Prasad, KADAM, Sudhirchandra Nanasahab, KADAM, Nitin Nanasahab, BHAGIT, Amita Anant. MGM Institute of Health Sciences, Sector-1, Kamothe, Navi Mumbai- 410209, Maharashtra, India.

#### Paper published/ accepted/ under revision:

1. Sveeta Mhatre, Amita A. Bhagit, Raman P. Yadav 2019. Proteinaceous Pancreatic Lipase Inhibitor from the Seed of *Litchi chinensis*, *Food Technology and Biotechnology*. 57(1) (Published)
2. Amita A. Bhagit, Sveeta Mhatre, Raman P. Yadav 2019. Proteome mediated synthesis of biocompatible green fluorescence cerium oxide quantum dot with enhanced antioxidant activity, *Advanced Science Engineering and Medicine*. (Accepted)
3. 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)
4. Priyanka Rathod, Raman P. Yadav. Antidiabetes Potential of Multifunctional Natural Molecule, *Journal of Herbal Medicines*. (Under Revision)

#### Awards:

1. Ph.D. degree (provisional) was awarded to Ms. Amita A. Bhagit (Department of Medical Biotechnology) for work on “Biological Synthesis of Highly Efficient Quantum Dots and Its Application in Detection of MTB and Latent TB (LTB) Antigens”.

#### Thesis submitted:

1. Thesis entitled “Potent Pancreatic Lipase Inhibitor from food plants and Development of Anti- Obesity Formulation” was submitted by Ms. Sveeta V. Mhatre (Department of Medical Biotechnology).

**Contributions:**

1. MGMIHS OMICS Research Center has supported to organize various workshops of MGMIHS Incubation and Innovation Centre such as National Science Day, workshop on IPR, Design competition and Idea competition.
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, Ethics Committee for Research on Human Subjects etc. He also conducted meeting for members of MGMIHS Incubation and Innovation Centre.
3. Dr. Raman P. Yadav provided additional inputs in activity related to MGMIHS patent policy, provided draft of opinion or suggestion regarding MGMIHS Seed money policy.

**Additional Research Related Activities:**

1. Ms. Chandana C. Kulkarni (Ph.D. student) visited National Institute of Malaria Research, New Delhi for training in identification, *in-vitro* cultivation of *Plasmodium falciparum* and sensitivity testing of anti-malarial compounds.
2. The staff and students visited Anchrom laboratory, Mumbai for exploration of their facility for possible outsourcing support in research.
3. Technical Director, MGMIHS OMICS Research Center, Dr. Raman P. Yadav, visited Yash Raj Biotechnology Ltd., Navi Mumbai and Privi Life Sciences Pvt. Ltd., Navi Mumbai for University- Industry interaction for potential exploration.

**Forward Path:**

- Technology transfer
- Conducting workshops/ seminars/ conferences
- Consultancy on technology knowledge
- Planning for Lab visit/ Science popularization program- exhibitions
- Planning to have National and International Collaborations
- Publication and filing of patents
- Exploring new horizons of scientific research and innovation
- Application for extramural funding

## MGMIHS INCUBATION AND INNOVATION CENTRE

MGMHS Incubation and Innovation Centre was established on 18<sup>th</sup> April 2018. The purpose of this centre is to mainly foster entrepreneurial spirit among students, faculty members & other stakeholders. 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 of MGM institute of health sciences for basic and applied work with facilities including library, technical / IT Support, laboratory, workshop & testing facilities, research mentoring etc.



MGMIHS Incubation and Innovation Centre, 4<sup>th</sup> floor, Medical College Building, Kamothe, Navi Mumbai



Slogan of MGMIHS Incubation and Innovation Centre

This centre works with the mission to incubate innovative ideas and to create a multiplier effect on opportunities for innovators and entrepreneurs. “Discover, Develop and Deliver” is the slogan of the centre. The thrust areas of MGMIHS Incubation and Innovation Centre are medical education and training, technology development and transfer, skilled manpower provider, expert consultancy, validation and human trial centre and innovative strategies provider for health science projects.

## Purpose of MGMIHS Incubation and Innovation Centre

### • Integration of our resources

Interdisciplinary platform

Innovation module

Innovators and entrepreneurs in achieving their goals.

---

### • Attract stakeholder

Global Perspective

Commercial module

Network of eminent professionals, academicians, researchers, industrialists and businessman.

3

### Facilities

MGMHS Incubation and Innovation Centre has a good infrastructure with fully air conditioned system including facilities such as-

1. Bioprocess Laboratory (along with preparatory room)
2. Computer Laboratory
3. Director's Cabin
4. Board Room with a projector and a screen
5. Lecture Room with a capacity of around 20 seats, including a whiteboard which can be used as a teaching aid.

### Initiation of Projects

Dr. Raman P. Yadav is recruited as, Director of MGMIHS Incubation and Innovation Centre. In the first phase, fourteen projects were proposed by faculty members of MGMIHS in various domains like bioprocesses, bio- product, biomedical device, Nutraceuticals, pharmaceuticals, diagnostics, waste management, health care products, etc. Out of these, eight projects were approved by Institutional Ethics Committee, MGMIHS for further work around defined objectives. Good progress has been observed in a few projects.

### Progress of Approved Projects

1. Florets of flower are well explored as anti-oxidant and inhibitory activity of carbonic anhydrase has been explored.

2. The potential of leaf is explored as a source of nutritional drink after the successful removal of some important anti-nutrient from the leaf system.
3. Molecule has been identified as a natural dipeptidyl peptidase inhibitor and its potential as an anti-diabetic and cardioprotective agent is well explored.

### **Inauguration of MGM Garden**

MGMIHS Incubation and Innovation Centre inaugurated MGM garden on 6<sup>th</sup> October, 2018. MGM garden is an innovation garden wherein activity mainly revolves around concept based plantation and maintenance of plants of medicinal value, nutraceutical, ornamental plant etc. This garden is mainly fostering the knowledge and uses of various plants. It is also providing unique and interdisciplinary platform for opening of novel avenue for new ways of use of plants. This garden also favours the concept of doing things in natural way.

### **Events organized**

Towards innovating ecosystem in the institute, Director of the centre has taken efforts to popularise the ongoing program of the centre by organizing events/lectures (such as Idea Competition, Design Competition, Workshop on Innovation & Intellectual Property Rights, celebration of National Science Day, etc) for students as well as faculty members of MGMIHS.

### **Guest /Invited lecture:**

In order to sensitize innovation among various stakeholders of MGMIHS, the centre had organised a guest lecture by on Intellectual Property Rights (IPR) by Dr. Gopakumar Nair on 1<sup>st</sup> September, 2018, where he sharpened the students on Innovation and Basics of IPR.

Towards basic understanding of commercialization perspective of R&D outputs and technology transfer, MGMIHS Incubation and Innovation Centre organised a meeting with Mr. S. Dinesh, Technical Officer, Kalam Institute of Health Technology (KIHT), Vishakhapatnam on 16<sup>th</sup> October, 2018.

### **Workshops organized**

The centre has successfully organized a workshop on “**Innovation & Intellectual Property Rights**” on 23<sup>rd</sup> January, 2019, which was graced by 3 guest speakers- Dr. Vijay T Doye, Assistant Controller of Patents and Designs PCT-RO/IN & RMID In charge, E&G Group 2, Patent Office, Ministry of Commerce and Industry, Government of India, Dr. Nitin, Senior Scientist, Intellectual Property Group, CSIR, NCL Pune and Ms. Srividya Ravi, Patent Associate, GNANLex Hermeneutics Pvt. Ltd, Pune. The students were enlightened to various topics such as- Introduction to IPR and Patenting system in India, Innovation and IP Protection and Innovations in Design and Copyright.



Dr. Vijay T Doye, Assistant Controller of Patents and Designs PCT-RO/IN & RMID In charge, E&G Group 2, Patent Office, Ministry of Commerce and Industry, Government of India



Dr. Nitin, Senior Scientist, Intellectual Property Group, CSIR, NCL Pune

**Idea Competition, 2019**

The centre has successfully conducted online “MGMIHS Idea Competition, 2019” (30<sup>th</sup> January 2019 - 16<sup>th</sup> February 2019) under various themes such as Drinking Water, Waste to High value products, Control of Mosquito born disease, Repurposing of Old Drug, Alleviate Malnutrition, Yoga, Affordable Diagnostic & Device, Improve Geriatric care, Prevention of Outbreak of Infectious Diseases, Natural way to control pollution, Nutraceuticals/ Nutrigenetics, Prophylaxis for metabolic diseases and any other related to health care & Environment Management. The main objective of the Idea Competition was to provide innovative ways of solutions for problems and challenges which can boost the improvement in quality of people with enhancement of economic status. Students actively participated in this competition with vibrant ideas.



**Banner of MGMIHS Idea Competition, 2019**

**Design competition, 2019**

MGMIHS Incubation and Innovation Centre has conducted “MGMIHSDesign Competition, 2019” online, from 22<sup>nd</sup> February 2019 to 26<sup>th</sup> February 2019 with various themes such as Diagnostic kits for detection of tuberculosis and malaria, External devices for rehabilitation, Mobile apps for disease preventive strategies, Arm band to record heart rate, Pulse oximetry for screening of congenital heart diseases at birth, Early detection of cancer, Scientific validation of Traditional Medicine, Non-Invasive blood glucose estimation, Electronic monitoring of child’s abnormal movement to prevent untoward event, Creation of databases for hospital records, Strategies for prevention of medication errors, Prevention of Nutritional Iron deficiency in Women, Methods to improve medication compliance, Strategies to combat antimicrobial resistance, Self-monitoring for prevention of cardio-metabolic diseases and any other diseases related to health care in this campus. The idea behind the Design Competition was to provide an opportunity to all stakeholders to present their design for innovative research. The main objective of Design Competition was mainly to explore the potential of innovators for finding out solutions of crucial health science related problems.

**Banner of MGMIHS Design Competition, 2019**



**National science day celebration, 2019**

MGMIHS Incubation and Innovation Centre with other constituent units of MGMIHS celebrated “National Science Day, 2019” on 28<sup>th</sup> February, 2019, with the theme “Science for the People, and People for the Science”. The session was attended by nearly 110 MGM Staff, faculties and students. The objective of celebration of

National Science Day was to propagate the message of the theme of National Science day, 2019. The participants of Idea Competition and Design Competition were also felicitated with certificate of appreciation on this day. They were encouraged further to develop proof of concept.

### **Routine internal meetings**

Meetings were organized routinely by members of MGMIHS Incubation and Innovation Centre, Navi Mumbai, to discuss the progress/status of the proposed projects and to give inputs on its forward path.



**MGMIHS Incubation and Innovation centre felicitating participants of MGMIHS Idea competition, 2019 and MGMIHS Design competition, 2019 with certificate of appreciation on National Science Day**

### **Achievements**

1. Identification of Florets for antioxidant activity and carbonic anhydrase inhibitory activity as potential candidate for reduction of intra ocular pressure
2. Moringa oleifera leaf based formulation for nutrition drink
3. Polyherbal combination of medicinal plants formulation has been identified as a natural dipeptidyl peptidase inhibitor and its potential as an anti-diabetic and cardioprotective agent is well explored.
4. Successfully organized various events and workshops to popularise Innovation ecosystem in campus.

### **Forward Path**

1. Filing for various Intellectual Property Rights
2. Entrepreneurship and Product Development
3. Initiation of Start-ups
4. Establishment of external linkages
5. Project proposals for external funding
6. Popularisation of Innovation ecosystem in campus.



## 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

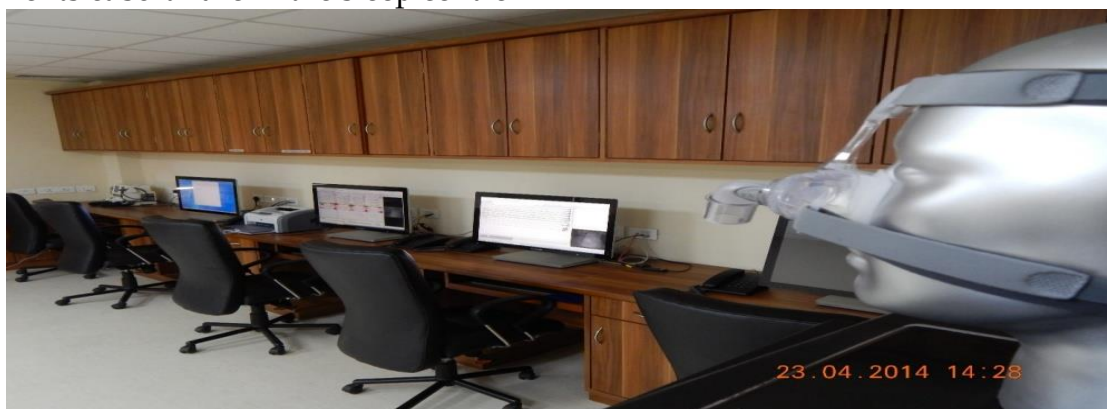
The MGMIHS Sleep Medicine and Research Centre is catering to the needs of patients having any of these following disorders:

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

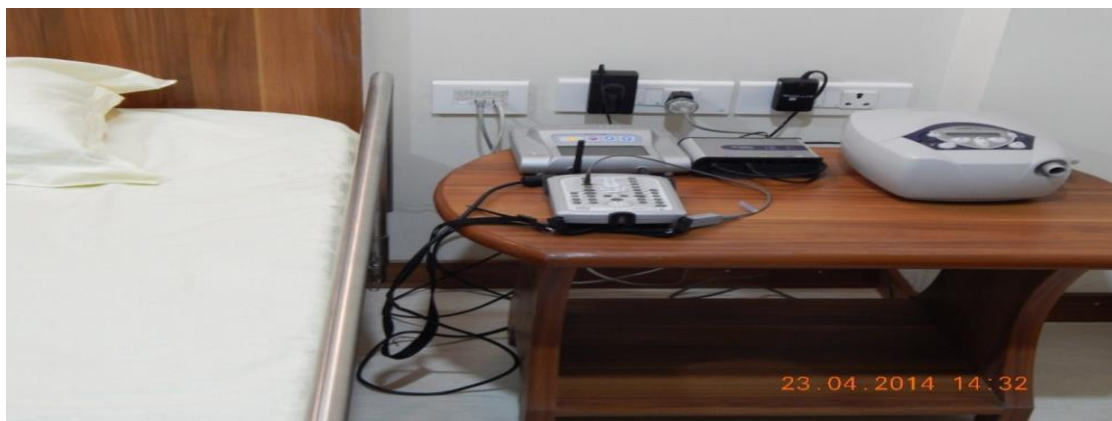
The MGMIHS Sleep Medicine and Research Centre have a dedicated team of physicians and Technologist. This team is headed and managed by Dept. of Pulmonology, MGM Medical College, with guidance from University of Pennsylvania. The following departments are also on board for patient management.

- 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 S4500 and Treatment device:- resmed VPAP (Mode:-CPAP, AUTOCPAP BILEVEL.)**



**Sleep technologist conducting sleep study in the sleep lab.**



**SLEEP CENTRE WORKFORCE**

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
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 Kumar Shah.(Phd Students Bio chemistry) Prof. Z.G.Badade, Dept. of Biochemistry, Dr. Aloke Banerjee, Dept. of Neurology Dr. Sandeep Rai, Dept. of Medicine	31/10/2018
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 <sup>2</sup> ), 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 Khedekar Prof. Z.G.Badade, Dept. of Biochemistry, Dr. P.V.Potdar, Prof. of Respiratory Medicine Dr. Sandeep Rai, Dept. of Medicine	7/3/2019
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



**Picture of two day CME conducted in MGMIHS.**



**Picture showing workshop being conducted –Sleep Disorders & its Technical Applications**

The MGMIHS Sleep Medicine and Research centre also has a well equipped library with international and national journals of Sleep Medicine and renowned books on the topic of Sleep Medicine.

**Future developments and visions of MGMIHS Sleep Medicine and Research Centre**

1. To develop the lab into a training centre for physicians and sleep technologist.
2. To develop facility for pediatric polysomnography

3. To send faculty of Dept. of Pulmonology for short term training programmes to University of Pennsylvania
4. To start value added courses for medical graduates to develop their interest in the field of sleep medicine.
5. To enroll our faculty into various national and international memberships of associations of sleep medicines

**To Summarize, the MGMIHS Sleep research centre is**

- The 1<sup>st</sup> state of the art polysomnography centre of Navi Mumbai and Raigad district.
- Level 1 sleep lab in collaboration with University of Pennsylvania, Philadelphia, USA.
- Regularly involved in sleep awareness campaigns in the region of Navi Mumbai and Panvel.
- Actively involved in imparting education so as to increase the number of physicians and other allied health professionals with the knowledge and skills to diagnose and treat sleep disorders.

## MGMIHS CENTRE OF HUMAN MOVEMENT SCIENCES



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

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

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

Inter-disciplinary collaborative research funded internally and extramurally is in process. Internally funded projects focus on exploration of biomechanical demands of Yogasanas, Suryanamaskar; traditional ground level activity such as squatting and classical dance form namely-Bharatanatyam. 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 4 training courses in clinical biomechanics in the current year 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.

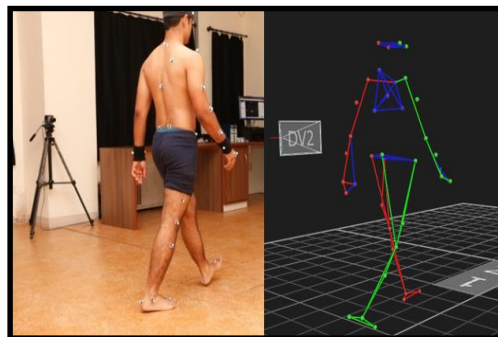
Intense efforts to deliver a triad of clinical service, research and training programs in clinical biomechanics continue at MGMCHMS to meet the ultimate goal of addressing healthcare needs specific to Indian lifestyle.

## 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.

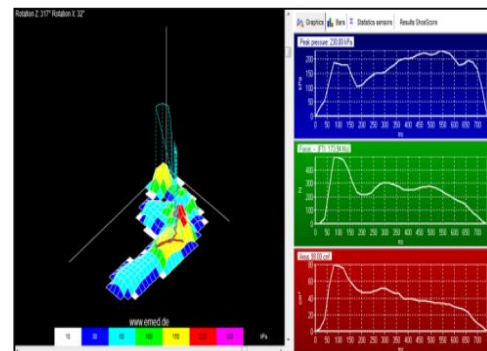


### ❖ Novel e-med system for plantar pressure analysis:

A platform system is available for plantar pressure analysis (novelemed). 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 (VO<sub>2</sub>max) 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:**

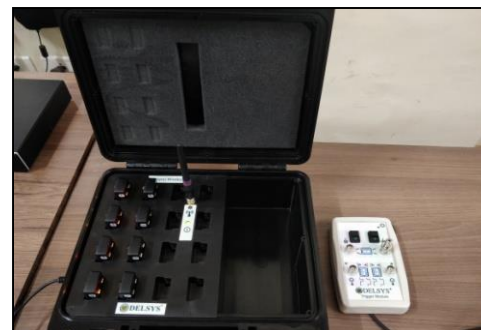
**Delsys Bagnoli EMG System:** Delsys Bagnoli EMG DSY-DS-B03 is a 8 channel wire-less device which can be connected to VICON software so that it is helpful in various range of biomechanical research activity such as muscle activity in gait cycle, sports biomechanics.



**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.

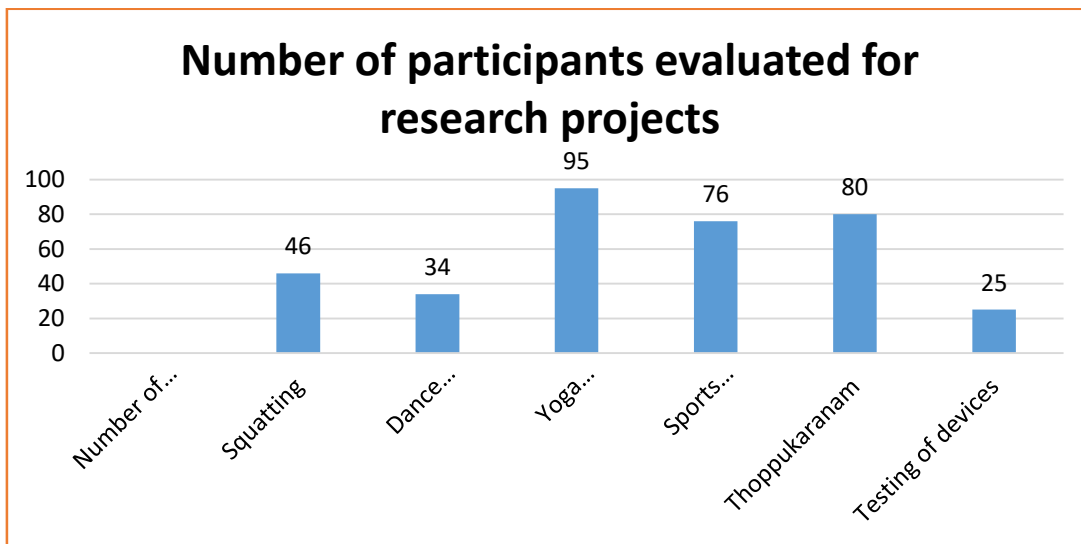
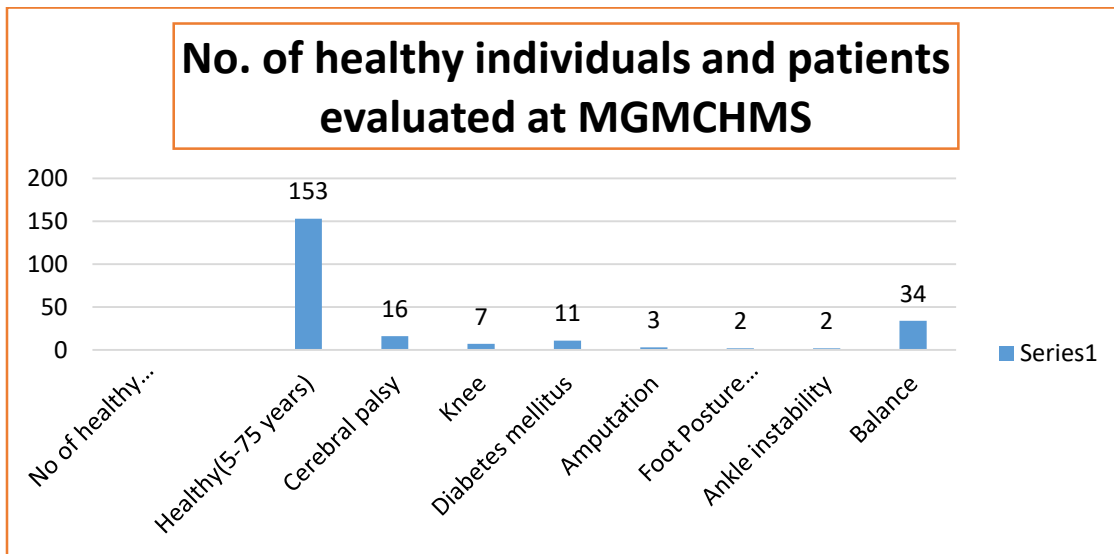


## *Research & Clinical services*

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 years) 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.



## Research Publications

Sr. No.	Title	Author	Journal	Year	Indexing
1	Influence of habitual deep squatting on kinematics of lower extremity, pelvis and trunk	Bela Agarwal, Robert Van Deursen, Rajani Mullerpatan	International Journal of Health and Rehabilitation Science	2018	Pubmed, Scopus, UGC
2	Birth experience of women who have undergone normal delivery in selected community of India	Nancy Fernandes, Shobha Gaikwad, Andrea Hemmerich, Rajani Mullerpatan, Bela Agarwal	International Journal of Innovative, Knowledge Concepts	2018	Pubmed, Scopus, UGC
3	Spine and Lower extremity Kinematics of Suryanamaskar	Rajani Mullerpatan, Bela Agarwal, Triveni Shetty, Omkar SN	International Journal of Yoga	2018	Pubmed, Scopus, UGC
4	Comparison of foot structure between urban and rural Indian children	Rajani Mullerpatan, Yuvraj Singh, Blessy Ann Thomas	The Journal of Indian Association of Physiotherapists	2018	UGC
5	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	Pubmed, Scopus, UGC
6	Exploration of Gait Deviation Index in children with cerebral palsy with severe gait impairment	Triveni Shetty, Ashok Johari, Sailakshmi Ganesan, Rajani Mullerpatan	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	Pubmed, Scopus, UGC
7	Gait Kinematics in Bharatanatyam dancers with and without low back pain	Rajani Mullerpatan, Juhi Bharnuke, Claire Hiller	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	Pubmed, Scopus, UGC

## *Patents file*

Invention Title	Name of Inventors	Patent No.	Date of Filing
<b>A Device For Screening Of A Diabetic Foot</b>	Nishant Kathpal,Ghyar Rupesh,Chetan Pakhare,Yash Gupte,Bhallamudi RaviMullerpatan Rajani	201821005692	05/02/2018

## *Extramural projects*

### ❖ **Development of a Powered Transtibial Prosthesis**

A collaborative project between IIT Bombay and MGM Institute of Health Sciences, Navi Mumbai aimed towards developing a powered trans-tibial prosthesis for people with below knee amputation; funded by Department of Biotechnology, Government of India. Dr.Abhishek Gupta, Department of Mechanical Engineering, IITB and Dr Rajani Mullerpatan, MGM School of Physiotherapy, MGMIHS are the principal investigators working on the project and Dr.Swagatika Mishra, Department of Orthotics & Prosthetics, MGMIHS as a co-investigator.

The proposed study plans to incorporate a bi-articular actuator, in addition to one that is conventionally used in powered trans-tibial prosthesis, to apply torque to knee joint. This actuator will mimic behavior of gastrocnemius and soleus muscles in an intact leg and is expected to improve synergy between the patient's joints & prosthesis. It is expected to lead to a more symmetric and closer to natural gait thus reducing excessive joint forces experienced by trans-tibial amputees and effectively reduce energy cost of walking with artificial limb.

The preliminary objective of designing a bi-articular actuation mechanism has been completed. The concept of this actuator finds reference to the unpowered ankle exoskeleton which was developed to reduce metabolic cost of walking by Collins S.H. et published in Nature, 2015 (doi:10.1038/nature14288). In comparison to a uni-articular unpowered device, our proposed actuator is bi-articular. The bi-articular actuation mechanism forms the core component of the proposed designed. Design included selection of actuators and sensors, placement of actuators, and design of mechanical linkages to transfer power to the ankle. One of the actuators was mounted on the shank of the prosthesis, whereas the other attached to a knee brace worn by the user. Position sensors used to measure the angular position of the ankle during walking.

The second objective of designing an energy storage and return foot has been completed as the readymade foot will be used. Design of the knee brace has been

completed and some modifications in designing are near completion.



A) Front view of Orthosis



(B) Side view of Orthosis

### ❖ Biomechanical analysis and energy expenditure of traditional, chair and wall suryanamaskar

**ApurvaShimpi, RiddhiGoradia, Asha Shaikh, Sancheti College of Physiotherapy  
Rajani Mullerpatan, MGM School of Physiotherapy, MGM Institute of Health  
Sciences**

Suryanamaskar (SN), a yogic technique is composed of twelve postures of dynamic muscular movements synchronized with deep breathing. Practice of surya-namaskar has become very popular amongst people, since its practice gives the benefit of aerobic exercise along with stretching of muscles. Traditionally, Suryanamaskar, is performed on floor. Hence modifications of Suryanamaskar like wall Suryanamaskar and chair Suryanamaskar have been devised for them. In spite of continue interest, there was lack of data on basic physiological responses related to traditional Suryanamaskar practices.. Accurate measurement of physical demands in terms of joint angles, forces, moments, muscle activity and energy expenditure was vital to understand the changes in energy metabolism with aging. It was important to understand the application of these modified SNs in healthy population first so that they can then be prescribed to people with musculoskeletal disorders. Thus, we aimed to study variations in biomechanics in terms of kinematics and kinetics, muscle activity along with energy expenditures, between 2 commonly used techniques of wall and chair suryanamaskar compared to traditional 12 step SN technique.



Kinematics and kinetics all 3 types of suryanamaskar (traditional and 2 modified types) was collected using 12-camera motion analysis system (Vicon, UK) Energy expenditure was assessed by using indirect calorimetry via metabolic cart Fitmate Med (Cosmed ,Italy). Highest energy expenditure was noted while performing traditional Suryanamaskar followed by chair and wall Suryanamaskar. Thus,

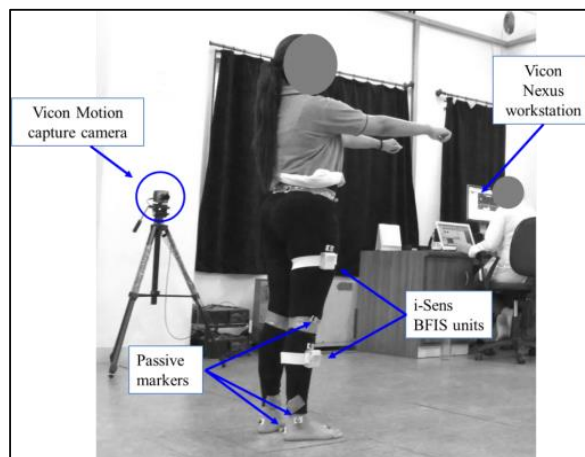
recommending modified version of Suryanamaskar for patients and elderly population

❖ **Validation of wearable inertial sensors-based gait analysis system for estimation of spatiotemporal parameters and joint kinematics in the sagittal plane**

**Gunjan Patel, Rajani Mullerpatan, Bela Agarwal, Triveni Shetty, RajdeepOjhac, Sujatha Srinivasan, \_**  
**TTK Center for R2D2, Department of Mechanical Engineering, Indian Institute of Technology Madras,**  
**MGM School of Physiotherapy, MGM Institute of Health Sciences, Navi Mumbai,**  
**Department of Physical Medicine and Rehabilitation, Christian Medical College, Vellore**

Wearable inertial sensor-based (i-Sens) systems can be considered an alternative to standard camera-based motion capture system for estimation of joint angle and gait parameters. Owing to its miniaturized size and wireless data transmission the setup finds its usefulness in indoor and outdoor environments.

Gait Analysis at self-selected speed was performed on healthy adults in in-door (n=15) and outdoor (n=8) environments. Two i-Sens units (for indoor and outdoor study) were placed at level of knee and hip respectively along with passive markers (for indoor study only) of Vicon system for simultaneous data recording. Mean absolute percentage error (MAPE) was performed over spatiotemporal parameters collected from i-Sens system against Vicon system as a true reference. Reliability criteria were adopted to categorize results. Mean and standard deviation of kinematic data for a gait cycle were plotted for both systems against normative reference data. The joint kinematic data was assessed for root mean squared error (RMSE) and Pearson's correlation coefficient (CC).



Low RMSE and strong positive correlation was observed between the two systems in terms of hip and knee joint angles (Indoor: hip  $3.98 \pm 1.03^\circ$ , knee  $6.48 \pm 1.91^\circ$ , Outdoor: hip  $3.94 \pm 0.78^\circ$ , knee  $5.52 \pm 0.99^\circ$ ) respectively. The MAPE (E%) in both environments was good and excellent for stride length, sufficient and good for stride time, cadence, walking speed.

**Significance:** Results shows that i-Sens system has potential to become an alternative modality for gait analysis. Further clinical trials using i-Sens system are warranted on normal as well as pathological conditions.



### *Intramural projects*

#### ❖ **Gait Kinematics of Indian Classical Bharatanatyam Dancers** **Juhi Bharnuke, Rajani Mullerpatan**

Bharatanatyam dance involves complex symmetric and asymmetric poses performed in a maximal arc of motion which may result in kinematic changes reflected in a common weight-bearing activity such as gait. Prevalence of low-back pain among dancers has been reported to be 43.5%. The aim of this study was to investigate the kinematics of gait to understand musculoskeletal adaptations among Bharatanatyam dancers, and thus gain an understanding of the pathomechanics of spine pain.

Seventeen active Bharatanatyam dancers with eight years of formal dance training formed Group A. Group B included dancers with chronic mechanical, nonradicular low-back pain, and Group C included healthy age-matched nondancers. Gait kinematics was recorded using 12 infrared cameras and 3D motion analysis. Participants were instructed to walk five times at a self-selected walking speed on a 10-m walkway. Midgait data were processed in Vicon Nexus 2.4 to obtain peak joint angles of spine, pelvis, hip, knee, and ankle. Intergroup analysis was performed using the Kruskal-Wallis test.

Dancers with low-back pain exhibited 20% greater spine extension, 35% greater anterior pelvic tilt, and 30% lesser pelvic rotation compared to dancers without low-back pain. Kinematic demands of typical dance postures resulted in increased spine extension, exaggerated anterior tilt, and obliquity of the pelvis. Implementation of a specific exercise program designed to neutralize excess deviation at the pelvis and spine may result in strength and conditioning effects to safeguard the lower back.

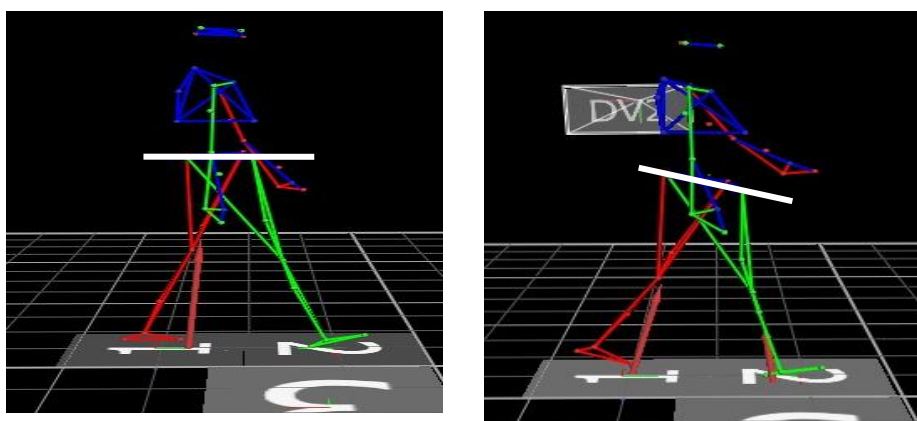
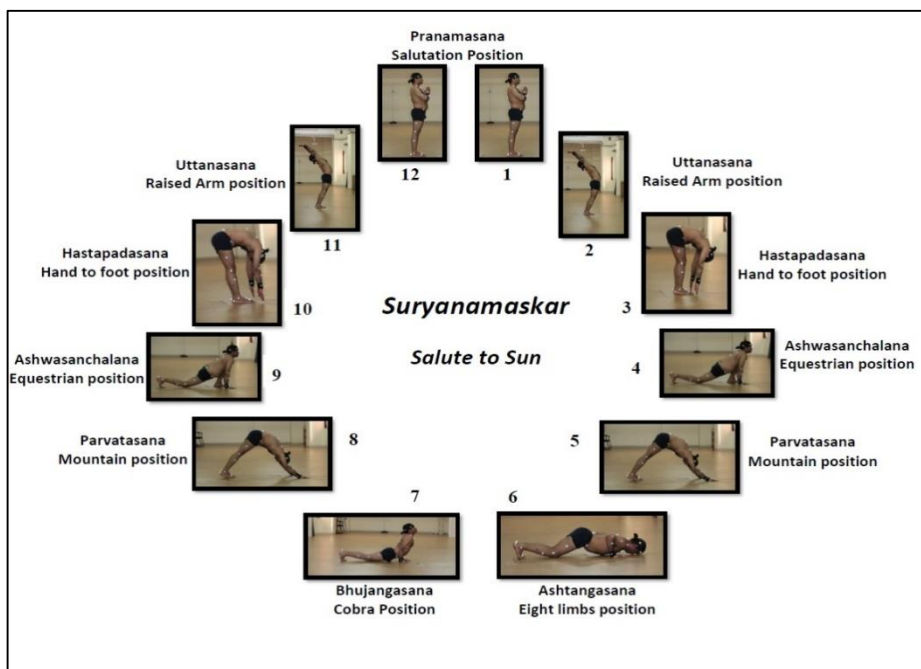


Fig1: Gait Kinematics of Bharatanatyam dancers with and without low back pain

#### ❖ **Spine and Lower extremity Kinematics of Suryanamaska** **Rajani Mullerpatan, Bela Agarwal, Triveni Shetty, S N Omkar**

Suryanamaskar, a composite Yogasana consisting of a sequence of 10 consecutive poses, producing a balance between flexion and extension is known to have positive health benefits for obesity and physical fitness management; upper limb muscle endurance and body flexibility. However limited information is available on biomechanical demands of Suryanamaskar i.e. kinematic and kinetic. Present study aimed to explore kinematics of spine and lower extremity during Suryanamaskar to enhance greater understanding of Suryanamaskar needed for considering its safe prescription in appropriate spine disorders.

3D motion capture of Suryanamaskar was performed on ten healthy trained yoga practitioners with 12-camera Vicon system (Oxford Metrics Group, UK). Joint angles of spine and lower extremity during 10 subsequent poses were computed within Vicon Nexus.



Joint motion was largely symmetrical in all poses except pose 4 and 9 which were reciprocal. Spine moved through a range of 56° flexion to 47° extension. Alternating transition between flexion and extension produced a stretch on posterior structures such as dorsolumbar fascia and hamstrings. Additionally, tendoachilles was stretched during pose 3. Hip moved from 148° flexion to 15° extension, which stretched iliacus and rectus femoris bilaterally. Knee flexed to a maximum of 140° and Ankle moved in a closed kinematic chain through 40° dorsiflexion from neutral effectively stretching the tendoachilles. Varying base of support during the complete sequence of 10 poses is likely to challenge the postural control of the body.

❖ **Exploration of Gait Deviation Index in children with cerebral palsy with severe gait impairment**

Triveni Shetty, Rajani Mullerpatan

The gait deviation index (GDI) is a comprehensive tool derived from three-dimensional gait analysis providing averaged kinematic data from the pelvis, hip, knee, ankle, and foot. It guides clinicians in quantifying intervention efficacy over time by informing gait performance and magnitude of kinematic change in gait pattern.

Severity in motor disability is associated with decreased GDI. However, the lack of information on the GDI of children with severe gait impairment characterized by high crouch angle ( $> 20^\circ$ ) motivated our group to explore GDI at different levels of the gross motor function classification system (GMFCS). Forty-seven ambulatory children (5–18 years) with cerebral palsy (CP) (28 males; 19 females) with a mean crouch angle  $20.15^\circ$  were compared with 45 normally developing healthy children.

The GDI of children with CP was 25% lower than that of age-matched healthy children and 13%–27% lower than that of children with less severe crouch angle ( $2.2^\circ$ – $18.9^\circ$ ) at similar functional levels reported in the literature. Significant linear decline was observed in GDI across GMFCS I (70), GMFCS II (65.42), and GMFCS III (44.6). Out of nine kinematic variables computed to calculate GDI, minimum knee flexion in stance was three times greater ( $6.9^\circ$ ) among children at GMFCS I and two times greater ( $16.1^\circ$  and  $37.39^\circ$ , respectively) among children at GMFCS II and III compared with children at similar GMFCS levels reported in the literature. This is the first study to report GDI of children with CP characterized by greater crouch angle at varying GMFCS levels. The sensitivity of GDI in detecting minimal clinically important differences can guide physicians and health care professionals in monitoring the outcome of surgical and nonsurgical interventions in children with CP.

#### ❖ Influence of Varying Squat Exposure on Knee Pain and Function among People with Knee Osteoarthritis

**Bela Agarwal, Manisha Advani, Robert Van Deursen, Rajani Mullerpatan**

Knee osteoarthritis (OA) is a leading cause of pain and functional disability globally. Knowledge about the influence of high-flexion postures on knee function among people with knee OA is limited. Sustained occupational squatting is assumed to increase tibio-femoral and patella-femoral compressive force and knee osteoarthritis. Additionally, people spend varying amounts of time in deep squat for performing self-care, activities of daily living (ADL), and leisure. Hence, a study was conducted to explore the influence of varying squat exposure on knee pain and function.

An interview-based survey was conducted inclusive of 300 participants, following institutional ethical approval and informed consent. Participants were classified based on daily squat exposure using a validated tool: the MGM Ground Level Activity Exposure Questionnaire. Knee pain and function were assessed using the Numeric Rating Scale and the Modified Western Ontario and McMaster Universities Osteoarthritis Index (WOMAC), respectively. Thirty-three people from the study cohort (Non-squatters  $n = 13$ , ADL squatters  $n = 10$ , occupational squatters  $n = 10$ ) were evaluated for knee motion, muscle strength, and balance using 2D motion analysis, 30-second chair-stand test, calf-raise test, 30-second deep-squat test, single-leg stance test, and star excursion test, respectively.

Prevalence of knee pain was 27% in squatters and 21% in non-squatters. People with

higher squat exposure demonstrated greater knee motion, muscle strength, and balance compared with non-squatters. Occupational squatters continued to work on a higher level of function despite pain and difficulty. Deep-squat activity performed in moderation is a potentially beneficial activity to maintain knee range, muscle strength, and balance.

### ❖ Influence of daily squatting exposure on kinematics of deep squat

<sup>1</sup>Bela Agarwal, <sup>2</sup> Robert van Deursen and <sup>3</sup> Rajani Mullerpatan

<sup>1</sup> MGM Center of Human Movement Science, MGM Institute of Health Sciences, Navi Mumbai, India, <sup>2</sup> Cardiff University, Cardiff, UK Corresponding author email: belaagarwal@gmail.com

Background: Deep squatting is traditionally adopted for self-care, activities of daily living (ADL), leisure and occupation in India and other parts of the world. However western life style is gradually replacing squatting with sitting postures. Given the fact that there is now huge variation in the use of deep squatting in people's daily lives in India. The aim of this study is to explore differences in adaptations in lower limb kinematics among people with varying levels of exposure to deep squatting.

Method and materials : Kinematic analysis of deep squat was performed in 8 adults 30-45 yrs of age who don't squat daily (non-squatters), 10 adults who squat on a daily basis ( ADL- squatters) and 8 adults who use squatting very regularly for long durations of time ( occupational-squatters). Five trials of deep squat were captured using Vicon Nexus software at 100Hz. Full body plug-in-gait model was used with 4 additional markers on left-right iliac crests and medial femoral-condyle to allow for reconstruction of marker trajectories lost during parts of the movement

Results: BMI was used as a covariate to account for differences in the lifestyle characteristics. There were significant differences between groups in maximum knee flexion ( $p < 0.05$ ). Occupational-Squatters had greatest knee flexion followed by ADL-squatters and least knee flexion was seen in non-squatters

Non squatter(NS)                      ADL Squatter(ADLS)      Occupational Squatter(OS)

### *PhD projects:*

#### Effect of squatting on knee articular cartilage... Benefits & Threats (ongoing)

Bela Agarwal, Rajani Mullerpatan

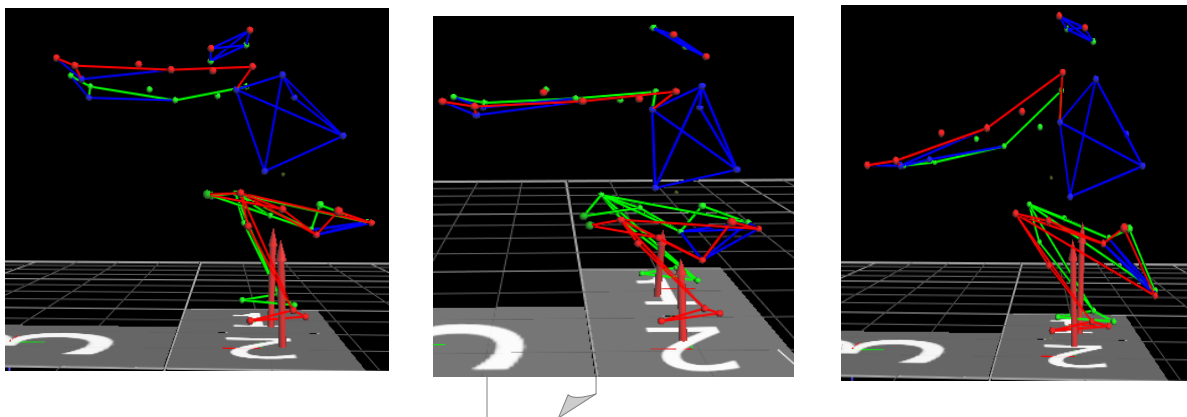
**Background:** Deep squat is adopted for self-care, instrumental activities of daily living, leisure and occupational activity in India. It is a self-loading functional activity

known to enhance mobility and muscle strength. Changing life style is gradually replacing squatting with upright postures. This study aims to explore natural adaptations in lower limb joints with respect to structure and function in people with varying degree of squat exposure.

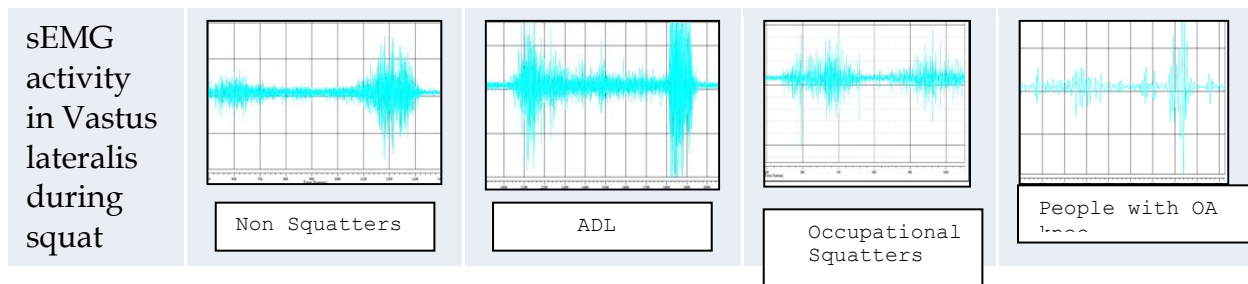
**Methods:** We analyzed kinetics and kinematics of knee with respect to joint angles, joint reaction forces and muscle activity during deep squat in people with varying squat exposure in consecutive consenting sample of 60 adults (30-50years) and people with OA knee following informed consent. 3D motion capture of walk and deep squat performed at MGM Centre of Human Movement Science using 12 camera Vicon motion capture system.(Oxford Metrics Ltd , UK). Forty-two retro reflective spherical markers were applied to anatomical landmarks using plug in full body marker set with four additional markers at right-left/bilateral iliac crest and medial femoral condyles in order to aid reconstruction of body segments.Ground reaction force data were collected using 2 AMTI force plates. Muscle activity was captured using wireless surface electromyography system over 8 tripolar electrodes positioned over muscles of lower extremity. Continuous real time data was captured during walk and squat. Muscle strength of leg and trunk muscles was evaluated using dynamometer and 30-second-deep squat test. Body composition was analyzed using Tanita Body Composition Analyzer, to obtain percent fat and muscle mass.

**Results:** Body mass and body fat% of non-squatters (NS) and people with knee OA (KOA) was higher than ADL squatters (ADLS) and occupational squatters (OS). Range of motion at the knee during deep squat was highest in OS ( $161.4 \pm 5.2^\circ$ ) and lowest in people with KOA ( $133 \pm 45.1^\circ$ ). Muscle strength was greatest in ADL squatters as observed by trunk and leg dynamometry and 30-second-deep squat repetitions. People with KOA could perform only 2-3 repetitions on the 30-second-deep squat test. People with KOA had lower sub-maximal functional capacity compared to healthy people thus demonstrating an overall reduction in mobility, strength and endurance capacity. With respect to kinetics, high hip and knee extensor moments were observed in NS while lowest moments were observed in OS. Large standard deviations are observed in knee adductor moment. Low muscle activity was observed in people with KOA. MRI of the knee joint will enable visualization of soft tissues of knee.

Ongoing work would enable establishing strength of association between biomechanical variables, function and structural affection in adults with varying



squat exposure and people with established OA knee.



**Figure1:** Surface EMG activity of people with varying squat exposure during deep squat activity.

### Long term monitoring of functional outcome of multilevel orthopedic surgeries in children and adolescents with cerebral palsy (Ongoing)

Triveni Shetty, Dr Rajani Mullerpatan, Dr Ashok Johari

#### Introduction

Crouch gait is multi-factorial and develops during child's growth spurt and maturation. Currently, multilevel orthopedic surgeries have been used to correct crouch gait, but no prospective longitudinal cohort studies using instrumented gait analysis have been reported to the best of our knowledge in India.

The prospective study will include cohort sample of 20 children and adolescents with cerebral palsy, classified as spastic diplegia, with crouch gait successfully recruited for orthopedic surgery to improve their gait function. A control group of 20 ambulant children and adolescents with cerebral palsy (spastic diplegia) with crouch gait but were not recruited for orthopedic surgery (due to various reasons) will be included for comparison. A written informed consent form will be taken from all the participants prior to commencement of the test.

#### Objectives:

- Evaluate effect multilevel orthopedic surgery on crouch gait immediately and 24 months post- surgery.
- Evaluate effect multilevel orthopedic surgery on Postural stability over a period of 24 months.
- Evaluate effect multilevel orthopedic surgery on muscle tendon length over a period of 24 months.
- Evaluate effect multilevel orthopedic surgery on muscle strength and activity over a period of 18 months.
- Evaluate effect multilevel orthopedic surgery on GMFC level and overall quality of life of children and adolescents with cerebral palsy over a period of 18 months.
- Evaluate effect multilevel orthopedic surgery on Functional mobility scale of children and adolescents with cerebral palsy over a period of 18 months.

- Identify specific outcome variables which will determine of functional outcome after surgery.

### **Methods:**

This exploratory, longitudinal study will be conducted in MGM Centre of Human Movement Science (MGMCHMS) at Sanpada after ethical approval from institutional ethical committee. The prospective study will include cohort sample of 20 children with cerebral palsy, classified as spastic diplegia, with crouch gait successfully recruited for orthopedic surgery to improve their gait function. A control group of 20 ambulant children and adolescents with cerebral palsy (spastic diplegia) with crouch gait but were not recruited for orthopedic surgery (due to various reasons) will be included for comparison. A written informed consent form will be taken from all the participants prior to commencement of the test.

A record of any previous surgical (soft tissue) intervention or Botox intervention will be taken.

### **Expected outcome:**

- Understanding the effect of multilevel orthopedic surgery on crouch gait immediately after surgery and 18 months post-surgery.
- Understanding the effect of multilevel orthopedic surgery on postural stability immediately after surgery and 18 months post-surgery.
- Understanding effect multilevel orthopedic surgery on muscle tendon length over a period of 24 months.
- Understanding effect multilevel orthopedic surgery on muscle strength and activity over a period of 18 months
- Understanding the effect multilevel orthopedic surgery on GMFC level and overall quality of life of children and adolescents with cerebral palsy over a period of 18 months
- Understanding the effect multilevel orthopedic surgery on Functional mobility scale of children and adolescents with cerebral palsy over a period of 18 months.
- Identification of specific outcome variables that will determine functional outcome post multi-level orthopedic surgeries.

### ***Post graduate research Projects:***

- ❖ **Comparison of erector spinae muscle activity in healthy adults and mathadi workers with mechanical low back pain with and without spring loaded passive exoskeleton.**

**SnehaKirve, Rajani Mullerpatan**

Low back serves important functions like structural support, movement and protection of certain body tissues. Low back pain is one of the most prevalent musculoskeletal disorders among the workers. One of it is wearable exoskeletons have recently been introduced as



an alternative workplace intervention. A present study designed a wearable exoskeleton with a spring attached which would exert contractile force parallel to the erector spinae muscle because the spring mimics the muscle action. Hence with this motivation, the research seeks to investigate how the external assistance can compensate the insufficiency of the muscle and minimize the load on spine with the help of spring loaded passive exoskeleton.

**Methods:** Thirty mathadi workers with and without mechanical low back pain in the mean age of 26 years was recruited via purposive sampling technique. Electromyography activity was collected using eight channel EMG surface recording (Delsys Trigno) through the use of wireless surface electrodes placed over Longissimus part of erector spinae (L1 level 2.5 cm from midline), Multifidus (L5 level 2.5 cm from midline) and Gluteus maximus muscles bilaterally. The sEMG signal was sampled at 2000 Hz passed through preamplifier to a filter (Butterworth filter with corner frequencies of 20-450 Hz.) Median Frequency (MF) recorded signals were obtained by Delsys software through the Trigno System Base Station. Participants were instructed to stand erect followed by Sorensen's trunk holding test position for 60 seconds respectively with approximate rest of 10 minutes in between. Same procedure was followed with wearing brace only and spring loaded passive exoskeleton



**Conclusion:** Mathadi workers with MLBP shows higher fatigue in erector spinae muscle than mathadi workers without MLBP ( $p$  value 0.01). Spring loaded passive exoskeleton has reduced muscle fatigue significantly in erector spinae and gluteus maximus muscle amongst mathadi workers without LBP as compared to mathadi workers with LBP.

#### ❖ **Influence of squatting on back muscles, pelvic motion, and labor outcomes in pregnant women**

**RajalSavla, Rajani Mullerpatan**

Pregnancy is a major life event in a woman's life where she undergoes enormous physical, emotional, and hormonal changes throughout 40 weeks of her gestation. There is a rising tide for C-section observed recently in India. Although it is considered one of the safe surgeries, but its surgery-related trauma cannot be denied. There is no scientific evidence that supports lithotomy as the best birthing position, which is the standard and most commonly used birthing position. Squatting is considered as one of the best birthing positions. There is paucity of literature that studies the influence of ADL (activity of daily living) squatting in pregnant women during labor. To study the influence of squatting on back muscles, pelvic motion and



labor outcomes in pregnant women

**Methods-** Nine ADL squatters were recruited using convenient sampling technique, and data was collected once in their second trimester (13-24 weeks) and once in third trimester (25-36 weeks). At each data point, 3D analysis and clinical data were collected. Fourteen ADL squatters and fourteen non-squatters were recruited in late 3<sup>rd</sup> trimester (32-40 weeks) and clinical data were collected for these participants (Back pain, VAS, Beighton's laxity score, modified modifiedschober test, back muscle endurance, vital parameters, lower limb strength tests- 30secs deep squat test, 30 seconds chair raise test, calf raise test; six minutes' walk test, and labor outcomes.



**Conclusion-** There was a significant positive correlation observed between average daily squat exposure (MGMGLAEQ) and endurance of back muscles in ADL squatters. It can be concluded that ADL squatting has a positive influence on back muscles, pelvic motion and labor outcomes when compared with non-squatters. ADL squatters had better back muscle endurance, reduced back pain, increased lumbopelvic motion, and lower limb endurance as compared to non-squatters. Also, the duration of second stage of labor and incidence of LSCS was less in ADL squatters comparatively.

❖ To study the neuromusculoskeletal, cardiopulmonary, cognitive and psychological effects of "thoppukaranam" in healthy adults

Heena Bhanushali, Rajani Mullerpatan

"Thoppukaranam" has a potential to evolve as such an exercise. Although being the origin of Super brain Yoga which is being widely practiced in US, there is only a single study on Thoppukaranam till date, which has been done to study its effects on selective attention and psychological states. Its effects on neuromuscular and cardiopulmonary systems are yet to be explored. Therefore, a research study to investigate, the neuromusculoskeletal, cardiopulmonary, cognitive and psychological effects of "Thoppukaranam" will provide us with scientific data and will encourage evidence-based practice of the same among healthy as well as affected individuals.

**Method:** A total of 30 university students (mean age 21.2±1.5) participated in a 12week intervention program of Thoppukaranam after complying with the



inclusion criteria. Musculoskeletal performance was assessed using calf raise test, 30sec deep squat test, chair stand test, timed limb coordination test. Kinetics and kinematics of the lower limb was assessed on Vicon system. Cardiopulmonary function was evaluated by assessing peak value of  $VO_2$ , HR and EE on bruce protocol; functional capacity was measured using six-minute walk test. Cognitive performance of participants was assessed before and after intervention using d2 attention test, while psychological performance was evaluated using Hamilton Anxiety Rating Scale, State Mindful Attention Awareness Scale and Academic Stress scale.

### **Result and Conclusion**

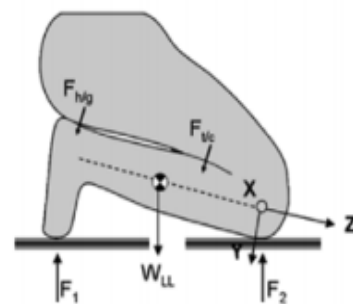
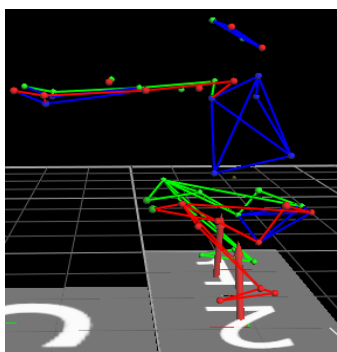
Thoppukaranam intervention resulted in increase in neuromusculoskeletal performance indicated by the increase in strength and endurance of lower limb muscles. Improvement in functional capacity was noted post intervention. Both cognitive and psychological performance improved post intervention. Thus, it can be concluded that Thoppukaranam results in improvement of neuromusculoskeletal, cardiopulmonary, cognitive and psychological performance post 12week intervention in healthy adults in age group of 18-25 years.

### ***Platform for engaging engineers:***

MGM Centre of Human Movement Science was conceived with an intention of engaging engineers and clinicians together for development of meaningful applications in clinical biomechanics for Indian healthcare needs.

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

**Need:** Bone on bone forces for squatting have been estimated previously however thigh-calf contact force occurring during deep squat are known to alter the net joint moments acting on the knee articular cartilage. Effect of thigh-calf contact force on muscle force and bone on bone force needs to be estimated to compute net joint moment which can be incorporated separately in the finite element model to accurately determine the stresses and strains developed during squatting thus enabling evidence based prescription of squat activity.



**PhD Researcher Scholar:** Dr.Bela MGM School of Physiotherapy, MGM Center of Human Movement Sciences, MGM Institute of Health Sciences

**Mechanical Engineer Researcher Scholar** MsSayleePatkar



(BETiC-KJ Somaiya) under the guidance of Prof Ramesh Lekurwale (Professor, Mechanical Engineering Dept, KJ Somaiya Engineering College

**Role of Physiotherapist**

- To capture kinetics and kinematics of deep squat activity using 12 camera Vicon system and 2 AMTI force plates to inform marker trajectories, velocity, acceleration, joint angles, force and moment.
- Process data within Vicon Nexus system to generate c3d files for motion trajectories and force data to be exported into opensim software.
- Capture and process muscle activity data via surface EMG using 6 channel Bioinfinity from bilateral rectus femoris, gluteus maximus and gastrocnemius muscles.
- Comparison of net joint moments in people with varying squat exposure and BMI

**Role of Mechanical Engineer**

- To develop a computational model for estimating net joint moments during deep squat activity.
  - Validating marker model developed for opensim to analyze deep squat with incorporation of thigh calf contact force.
  - Determined net joint moments for squatting activity in Opensim software with the help of computed muscle control (CMC) tool.
- **Comparison of erector spinae muscle activity in healthy adults and Mathadi workers with mechanical low back pain with and without spring loaded passive exoskeleton**



Need: As the low back pain is the leading cause of activity limitation and work absence throughout the world, due to increased fatigability and decrease function of the muscle. Thereby some external force is required to enhance the muscle capability and increased performance which will be done by Spring loaded passive exoskeleton



MPT Researcher Scholar, Master of Physiotherapy, MGM School of Physiotherapy  
 MGM Center of Human Movement Sciences, MGM Institute of Health Sciences

**Mechanical Engineer Researcher Scholar**, Senior Project Technical Assistant, Department of Mechanical Engineering, IIT Bombay, Powai



**Role of Physiotherapists**

- The main aim is to reduce the erector spinae muscle fatigue

thereby compensating with the spring due to its mechanical property is same as muscle property

- The data of EMG and VICON system of the participants with healthy adults and Mathadi workers will be collected using with and without spring loaded passive exoskeleton
- The final result will be analysed and if the results are acceptable, such that it can be implemented on workers with low back ache, with prolonged standing activity and also can be used prophylactically for healthy adults to prevent the low back ache

### Role of Mechanical Engineer

- Design/selection of brace for spring attachment so as to minimize the relative motion between the body and spring attachment points
- Study of the prior art related to the subject to set clear approach and implementation
- Determination of optimum value of spring constant by the approach set forth
- Construction of setup and ensuring desired force transfer on muscle
- **Comparison of plantar cutaneous sensory thresholds in bare foot and shod adults**



Need: It is important to understand changes as there are implications related to safe guarding foot health of numerous urban and tribal Indians who still walk predominantly bare foot. To study seasonal changes in plantar cutaneous sensory thresholds in bare foot walkers.



**MPT Researcher Scholar**, Master of Physiotherapy ,MGM School of Physiotherapy

MGM Centre of Human Movement Sciences, MGM Institute of Health Sciences

**Mechanical Engineer Researcher Scholar**, Senior Project Research Assistant BETIC Lab

Department of Mechanical Engineering, IIT Bombay, Powai



### Role of Physiotherapist

- The main aim is to evaluate plantar cutaneous sensory threshold in bare foot and shod adults and to identify changes in foot structure and muscle strength that could influence vibration thresholds.

- The data of plantar tissue stiffness, monofilament, biothesiometer, E-med will be assessed from healthy adult (shod, bare foot) Diabetic and non-diabetic participants in rural and urban area.
- The final result will be analysed.

### Role of Mechanical Engineer

- Design and development of one of a kind plantar tissue stiffness measurement device.
- Selection of components like actuator and force sensor, with proper indentation rate and force sensitivity
- Testing of prototypes with volunteer an taking feedback from volunteers and doctors for improvements
- Troubleshooting and conducting trails with doctors and data collection.



### Testing medical devices

Visit by Mr.Momin.S from BeTic IIT Mumbai on 29<sup>th</sup> November, 2019 for demonstration of Plantar Tissue stiffness



analysis device at MGMCHMS.

### Dissemination

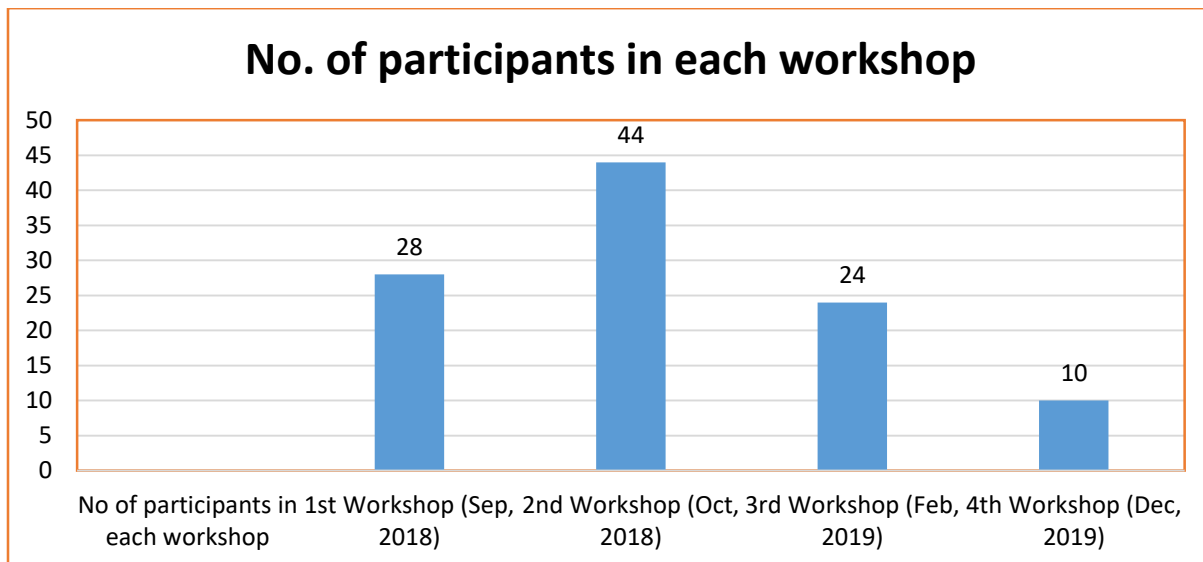
1. There was a one-day session of **ORTHOMEET** on 13<sup>th</sup> Jan 2018 in MGM Center of Human Movement Science lab. The Orthopedic surgeons and residents of MGM Medical College and Hospital, Kamothe, were invited in the lab to give them an overview about facilities like Vicon 3d Motion analysis, foot pressure assessment by Emed pressure platform, electromyography by Bio infinity system and energy cost by Cosmed available at MGM Center of Human Movement Science lab for assessment of patient with osteoarthritis, Hip a vascular necrosis, patient undergoing joint replacement surgery.



2. Eminent speakers like Dr. Margareta Nordin, Dr. Adam Wilke, Dr. Scott Haldeman, Dr. Alberto Zebri, Dr. Carolina Cancellere, Dr. Khadaga Gurung, Dr. Manohar Panjabi and Dr. Kim Reed from international Spine conference had visited MGM CHMS lab on 17<sup>th</sup> January 2019. Dr. Scott Haldeman and Dr. Carolina conducted lecture for MPT students on introduction to World Spine Care, a non-profit organization and Research Methodology. Dr. Nordin, Dr. Adam, Dr. Scott, Dr. Alberto and Dr. Rajani conducted a group discussion for questions to be asked during panel discussion. VICON and EMG systems were introduced to Dr. Manohar Panjabi.



3. A workshop was conducted for 10 interns on “Overview of Gait Analysis” by Dr. Triveni Shetty (PT) and Dr. Juhi Barnuke (PT) on 31<sup>st</sup>, December, 2019 at MGMCHMS.



**CME:**

1. There was a one-day session on ‘Injury prevention and performance enhancement for Indian classical dancers’ on 10<sup>th</sup> February, 2018. 14 dancers attended the session. The Speakers were Dr Claire Hiller (Research fellow, Research Manager, Arthritis and Musculoskeletal Research Group, University of Sydney, Australia), Dr. Rajani Mullerpatan (Prof-Director, MGM School of Physiotherapy) and Dr. JuhiBharnuke (PT) (Lecturer, MGM School of Physiotherapy, Indian classical dancer). Dr. Claire Hiller described about the common sites of injuries prevalent, prevention strategies and rehabilitation of injuries for performance enhancement among classical and modern ballet dancers of Australia. Dr. JuhiBharnuke (PT) spoke about the findings of preliminary studies on survey of musculoskeletal injuries, balance performance and gait kinematics among Indian classical dancers. This was followed by interactive session with dancers to understand their perception about injuries and musculo-skeletal pain, need of role of physiotherapy during training and performance.



2. MGMCHMS had organized a one-day course on gait analysis for understanding of basic methodology of 2-D and 3-D gait analysis for Physiotherapy student and clinicians on 08/09 /2018. 25 PG scholar and 3 clinicians participated in the course. Participants were briefed with various phases of gait, kinetics, kinematics and temporal-spatial gait parameters, various methods for capturing gait from

observational gait analysis to 2-D and 3-D analysis. Introduction to 3-D motion analysis was presented. A brief overview of Vicon 3-D motion analysis using AMTI force plate was preceded by live demonstration of gait capture using 3-D motion analysis system on healthy participants. Interpretation of graphical reports generated from 3-D system was discussed with examples from pathological gait of patients with knee osteoarthritis, Cerebral palsy and above knee Amputation. Practical demonstration for recording video and analyzing it using Kinovea (2-D gait analysis software) was conducted.



3. MGM Centre of Human Movement Science had organized a lecture on 'Computation Modeling of Musculoskeletal System' on 11<sup>th</sup> December 2018 by Dr. Marcus Pandy, University of Sydney. He had shared his knowledge about muscular forces during function activity among 13 faculty and post graduate students.



4. Visit by Dr. Roshan Vania (HOD Neuro-Physiotherapy, Bombay Hospital) on 26<sup>th</sup> was organized by MGM School of Physiotherapy to train IV BPT and MPT students for Hands-on assessment and management in upper quadrant stroke rehabilitation. The session started with overview of biomechanics of shoulder complex by 2 MPT students. Physical examination of normal range-of-motion, end-feel, isolated muscle strength testing was demonstrated by Dr. Roshan Vania. Clinical case presentation of left hemiplegic patient with Shoulder Hand syndrome was done by 2 MPT students. Assessment of synergy pattern in stroke was demonstrated by Dr.



Roshan Vania. Sensory assessment and spasticity management was emphasized during the session. Discussion of impairments and management of symptoms was discussed after lunch. Session concluded with interaction for doubt solving between students and speaker and student feedback.



## About 9<sup>th</sup> Convocation

The 9<sup>th</sup> Convocation was held on Tuesday, 31<sup>st</sup> July 2018 at 10.00 am. The Chief Guest was Prof. Ved Prakash, Former Chairman, University Grants Commission, New Delhi.

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

Dr. K. G. Narayankhedkar, 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 9th Convocation Dated 31/07/2018			
Course	Number of Students		Total
	NM	Aurangabad	
PG Course			
Superspeciality	0	2	2
Ph.D.	13	5	18
MD	45	33	78
MS	19	17	36
PG Diploma	8	8	16
MPT	2	2	4

M.Sc. Medical	5	0	5
<b>Total</b>	<b>91</b>	<b>67</b>	<b>158</b>
<b>UG Course</b>			
MBBS	136	115	251
B.Sc. (AHS)	11	20	31
BPT	72	38	110
<b>Total</b>	<b>219</b>	<b>173</b>	<b>392</b>
<b>Total (UG &amp; PG)</b>	<b>310</b>	<b>240</b>	<b>551</b>

## LIST OF MEDALS AWARDED IN NINTH CONVOCATION

1. **Dr. A. M. Vare Gold Medal** to **Bohra Palak Rajendra** from MGM Medical College, Aurangabad for securing **Highest Marks in Anatomy** in First Year MBBS Examination. [Batch-2012-17]
2. **Dr. R.D. Kulkarni Gold Medal** to **Mhatre Juilee Nitin** from MGM Medical College, Navi Mumbai for securing **Highest Marks in Pharmacology** in Second Year MBBS Examination. [Batch-2012-17]
3. **Dr. C.A. Franklin Gold Medal** to **Mhatre Juilee Nitin** from MGM Medical College, Navi Mumbai for securing **Highest Marks in FMT** in Second Year MBBS Examination. [Batch-2012-17]
4. **MGM IHS Gold Medal** to **Javeri Aarti Harish** from MGM Medical College, Navi Mumbai for securing **Highest Marks in General Medicine** in Third Year (Part-II) MBBS Examination. [Batch-2012-17]
5. **MGM IHS Gold Medal** to **Ranade Soham Shrikant** from MGM Medical College, Navi Mumbai for securing **Highest Marks in General Surgery** in Third Year (Part-II) MBBS Examination. [Batch-2012-17]
6. **MGM IHS Gold Medal** to **Thorat Deeksha Dattatraya** from MGM Medical College, Navi Mumbai for securing **Highest Marks in OBGY.** in Third Year (Part-II) MBBS Examination. [Batch-2012-17]
7. **MGM IHS Gold Medal** to **Bohra Palak Rajendra** from MGM Medical College, Aurangabad for securing **Highest Marks in Paediatrics** in Third Year (Part-II) MBBS Examination. [Batch-2012-17]

8. **Chancellor's Medal for the Best Graduate in BPT to Badade Rutuja Prakash** from MGM School of Physiotherapy, Navi Mumbai for the Academic Year 2013-2017.
9. **Chancellor's Medal for the Best Graduate in MBBS to Bohra Palak Rajendra** from MGM Medical College, Aurangabad. [Batch-2012-17]
10. **Chancellor's Medal for the Best Post Graduate in MD/MS Examination in Pre & Para Clinical Sciences (MD Pathology) to Kaul Urshlla** from MGM Medical College, Navi Mumbai. [Batch-2015-18]
11. **Chancellor's Medal for the Best Post Graduate in MD/MS Examination in Clinical Sciences MS (Obstetrics & Gynaecology) to Meenal Chugh** from MGM Medical College, Navi Mumbai. [Batch-2015-18]

### About 10<sup>th</sup> Convocation

The Tenth Convocation was held on Sunday, 27<sup>th</sup> January, 2019 at 10:00 A.M. The Chief Guest was Prof. Sanjay Zodpey, Vice President, Academics, Public Health Foundation of India, New Delhi & Director, Indian Institute of Public Health, Delhi. Dr. Kamalkishor Kadam, Chancellor, MGM Institute of Health Sciences, Navi Mumbai & Chairman, Mahatma Gandhi Mission Trust presided over the function and conferred degrees in presence of Dr. ShashankD. Dalvi, Vice Chancellor, MGM Institute of Health Sciences, Navi Mumbai.



<b>Total number of Eligible Students for 10th Convocation Dated 27/01/2019</b>			
<b>Course</b>	<b>Number of Students</b>		<b>Total</b>
	<b>NM</b>	<b>Aurangabad</b>	
<b>PG Course</b>			
Superspeciality	2	5	7
Ph.D.	10	2	12
MD	6	5	11
MS	4	3	7
PG Diploma	2	0	2
MPT	6	5	11
M..Sc. Nr.	3	0	3
M.Sc. Medical	20	1	21
<b>Total</b>	<b>53</b>	<b>21</b>	<b>74</b>
<b>UG Course</b>			
MBBS	3	2	5
B.Sc. (AHS)	99	22	121
BPT	4	1	5
B.Sc. Nr.	49	0	49
P.B.B.Sc. Nr.	12	0	12
<b>Total</b>	<b>167</b>	<b>25</b>	<b>192</b>
<b>Total (UG &amp; PG)</b>	<b>220</b>	<b>46</b>	<b>266</b>

## **LIST OF MEDALS TO BE AWARDED IN TENTH CONVOCATION**

1. **Chancellor's Medal** to **Ms. Dangi Sweety Shivram** from MGM New Bombay College of Nursing, Navi Mumbai for being the "**Best Graduate in Nursing**" of the Academic year **2014-18**.
2. **Chancellor's Medal** to **Ms. Brincy Darwin John** from MGM New Bombay College of Nursing, Navi Mumbai for being the "**Best Post Graduate in Nursing**" of the Academic year **2016-18**.
3. **Chancellor's Medal** to **Ms. Mhamane Sharyu Vinayak** from MGM School of Biomedical Sciences, Navi Mumbai for being the "**Best Graduate in Biomedical Sciences**" of the Academic year **2015-18**.
4. **Chancellor's Medal** to **Ms. Hafiz Shazmin Mohiuddin** from MGM School of Biomedical Sciences, Navi Mumbai for being the "**Best Post Graduate in Biomedical Sciences (2 years)**" of the Academic year **2016-18**.

## Research and Extension Activities at MGMIHS

### Introduction

Research experience and application of research are prerequisite to achieving excellence in research. The environment at the MGMIHS is favourable for research, which has encouraged the faculty to file & register patents, copyrights and designs. MGMIHS has been granted a patent.

Interdisciplinary scientific platform for outcome of research is creditable; its impact on Society, Health and Economics can be gauged by the outcome of Research and Publications.

The University encourages research and innovation in health services and clinical trials by faculty and students at Undergraduate, Postgraduate and PhD levels. The infrastructure, equipment's and facilities of the Research Laboratories and Centres is excellent.

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.

R&D at MGMIHS is organised into six categories:

- I. Academic Research
- II. Sponsored Research
- III. Extension & Extramural
- IV. Centres of Excellence
- V. Consultancy
- VI. IPR & Copyright

MGMIHS has in place policies to promote research, the infrastructure for research is commendable, financial assistance for research is provided, publications on research is propagated, workshops and conferences conducted to build an environment for research, writing scientific papers and filing IPR. The Research Board is headed by the Vice Chancellor. The policies are reviewed regularly by the Research Board to update as per the UGC norms to make amendments. The activities of the R&D are mentioned as under:

**Seed Money 2018-19:**

<b>Promotion of Research And Facilities</b>					
<b>The amount of seed money provided by the Institution to its faculty year wise during the last five years (INR in Lakhs) Total 22.32 lakhs</b>					
	<b>Name of the Project and Duration</b>	<b>Duration of the Project</b>	<b>Name(S) of the Teacher(S) Working in the Project Receiving Seed Money</b>	<b>The amount of seed money Provided (INR In Lakhs)</b>	<b>Year of receiving the seed money</b>
<b>2018-19</b>					
1	Study of Effect of Iron Nanoparticles On Iron Deficiency Anaemia Using Rat Model	2 Year	Dr Mansee Thakur,	0.32	02.04.2018
2	Book Publication	1 Year	Dr Mansee Thakur,	0.08607	25.04.2018
3	Studies On Meternal Colonization of Group B Streptococcus And Its Association With Preterm Deliveries , Preeclampsia & Still Birth	3 Year	Dr A.D Urekar , Abhishek	0.5156	25.05.2018
4	Payment For Patent Sensor Based Inflatable Device	1 Year	Dr Mansee Thakur	1.3405	01.07.2018
5	Fellowship Fees - Dr. Sarika Gadekar, Professor Dept of Ophthalmology Cornea Fellowship Attending At Dr. Shroff's Charity Eye Hospital, New Delhi From 1st Sep 2018 To 1st Dec-2018.	1 Year	Dr. Sarika Gadekar	0.85	20.08.2018
6	Study of Chlamydial Trachomatis And Chlamydia Specific Immune Response And Its Association With Vaginal Flora Patterns Among Women Attending A Tertiary Care Hospital In Navi Mumbai.	3 Year	Dr A D Urhekar	0.56	08.10.2018
7	Effect of Yoga On Blood Sugar Levels In Patients of Type 2 Dibetes Millitus	1 Year	Dr. R.S.Inamdaar	0.225	10.10.2018

8	Ocular And Systemic Co-Morbidities In Patients Undergoing Cataract Surgery At Tertiary Care Hospital.	1 Year	Dr. J.P. Mishrikotkar	1.218	01.11.2018
9	Prospective Observational Study Comparing Changes In Keratometry And Pachymetry In Manual Small Incision Cataract Surgery Versus Phacoemulsification.	1 Year	Dr. Sarika Gadekar	0.522	01.11.2018
10	Study of Effect of Iron Nanoparticles On Iron Deficiency Anaemia Using Rat Model	2 Year	Dr Mansee Thakur,	0.155	06.11.2018
11	Comparative Study of Safety & Efficacy of Pregabalin Gabapentin & Amitriptyline In Management of Uropathic Pain	1 Year	Dr.Deepak Bhosle	0.42	14.11.2018
12	Comparative Study of Safety & Efficacy of Atorvastatin Plus Fenofibrate Versus Atorvasta Plus Saroglitazar In Patients of Type 2 Diabetes Mellitus With Dyslipidemia	1 Year	Dr.Deepak Bhosle	0.42	14.11.2018
13	Evaluation of Utility of Preoperative Spirometr & ABG To Predict Post Operative Complications In Patients Submitted To Upper Abdominal Surgeries	1 Year	Dr.Sunil Jadhav	0.3	14.11.2018
13	To Evaluate Sensitivity And Specificity of CBNAAT In Diagnosing Pulmonary Tuberculosis	1 Year	Dr.Ashish Deshmukh	1.368	14.11.2018
14	Clinical & Radiological Profile of Pneumothorax Patients Visiting To Tertiary Care Centre	1 Year	Dr.Ashish Deshmukh	0.468	14.11.2018
15	FNAC of Salivary Gland Lesions With Histopathology Correlation	1 Year	Dr. A.A.Vare	0.14	22.11.2018
16	Clinico-Pathological Study of GIT Malignancies	1 Year	Dr. C.P.Bhale	0.125	22.11.2018



17	Study of Expression of HER2/Neu Receptor In Primary Colorectal Carcinomas In A Tertiary Care Hospital	1 Year	Dr. S.S.Pingle(Bindu)	0.2475	22.11.2018
18	Clinical Profile of Neck Space Infections In A Tertiary Care Centre	1 Year	Dr. R. A. Vare	1.95	08.12.2018
19	Comparative Study B/W Polymeric Clip & Extracorporeal Knot For Study Closure In Lap Appendectomy.	1 Year	Dr. A. Q. Khan	1.5075	24.11.2018
20	To Study Outcome And Feasibility of Enteral Recovery After Surgery In Abdominal Surgery	1 Year	Dr. Rajendra Shinde	0.608	24.11.2018
21	Effect of Antihypertensive Drugs On Circadian Variation of Blood Pressure Using Ambulatory BP Monitoring In Controlled Hypertensive Individuals	1 Year	Dr. K. M. Raul	0.414	08.12.2018
22	To Study Incidence of Vitamin D Deficiency In Obese Adults	1 Year	Dr. V. S. Gulwe	2.2	08.12.2018
23	Glycated Albumin Versus Glycosylated Hemoglobin In Diabetic Patients With And Without Chronic Kidney Disease	1 Year	Dr. Sonali Bhattu	2.368	08.12.2018
24	Study of Reciprocal ST Segment Depression In ST Segment Elevation Myocardial Infarction And Its Significance	1 Year	Dr. A. G. Kulkarni	1.73	08.12.2018
25	Correlation of Thyroid Function Test With Severity of Liver Dysfunction In Cirrhosis of Liver	1 Year	Dr. Sonali Bhattu	1.91	08.12.2018
26	To Study Phenotypic Characteristics of Different Types of Diabetes In The Young And Genetic Characterization of Monogenic Diabetics	2 Year	Dr. Parineeta Samant	0.2172	11.12.2018
27	Isolation of Plant Derived Efflux Pump Inhibitor And Its Drug Susceptibility Potential In Plasmodium Falciparum	2 Year	Dr Raman P Yadav , Chandana Kulkarni	0.0944	26.02.2019

28	Isolation & Characterization of Multifunctional Molecule From Plant And Its Antidiabetesity Potential	2 Year	Dr Raman P Yadav , Priyanka Rathod	0.0413	18.03.2019
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### Teachers awarded national international fellowships:

Teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research / conference participation in Indian and Overseas Institutions during 2018-2019			
Name of the teacher awarded national/international fellowship	Name of the award/fellowship	Year of award	Awarding Agency
2018 - 19			
Ms. R. Ponchitra	Fellowship FAIMER	2018 - 19	PSG FAIMER Regional Institute Coimbatore
Dr Vaishali Sangole	Otology Fellowship , Pollachi India.	2018 - 19	Pollachi India.
Dr. Sarika Gadekar	Fellowship in cornea and hands on penetrating Keratoplasty surgery from	2018 - 19	Dr. Shroff, Charitable Eye Hospital, New Delhi
Dr. Varsha Kandewad	Fellowship of Miniml Access of Surgeons of India (FMAS)	2018 - 19	Association Of Surgeons Of India
Dr. Narayan Sanap	Fellowship of Miniml Access of Surgeons of India (FMAS)	2018 - 19	Association Of Surgeons Of India
Dr Amey Rathi	Fellowship In TMD ,Orofacialpain ,obstructive sleep apnea & Dental sleep medicine	2018 - 19	Roseman university - college of dental medicine
Dr. Varsha Kandewad	Fellowship of Indian Association of Gastrointestinal Endoscopic Surgeons (FIAGES)	2018 - 19	Indian Association Of Gastrointestinal Endosurgeons
Dr. Narayan Sanap	Fellowship in Advanced Laparoscopic Surgery Hepatico Pancreatico-Biliary Surgery (FALS-HPB)	2018 - 19	Indian Association Of Gastrointestinal Endosurgeons
Dr. Jitendra Rathod	Accepted For Fellowship In Rhinoplasty	2018 - 19	Seoul, North Korea
Dr Gutam A Shroff	3T IBHSC training course for health sciences faculty	2018 - 19	The Indian program of the UNESCO chair in Bioethics (Haife)
Dr Pravin Suryawanshi	2 nd world congress of the International Laparoscopic liver society Olympus co operation hand	2018 - 19	International Laparoscopic Liver Society

	on workshop		
Dr. Vikram Patra	Allergy & Clinical Immunology ,Saveetha Medical College, Thandalam, Chennai ,Starting From	2018 - 19	,Saveetha Medical College, Thandalam, Chennai
Ms. Jyoti Chaudhari	International conference on theme ‘ Public Health – A workforce for countdown 2030 (SDGs)	2018 - 19	MGM New Bombay College of Nursing
Dr. Prabha K. Dasila	Second BRICS Nursing Forum - India	2018 - 19	MGM New Bombay College of Nursing
Mrs. R. Ponchitra	Second BRICS Nursing Forum - India	2018 - 19	MGM New Bombay College of Nursing
Dr Bhavana Junagade	Participating training programme on ICH -GCP - E6 (R2) focusing on addendum 2016 (14 Dec 2018)	2018 - 19	MGM Medical College NM
Dr Anshika Rai	Participating training programme on ICH -GCP - E6 (R2) focusing on addendum 2016 (14 Dec 2018)	2018 - 19	MGM Medical College NM
Dr Noopur Vyas	Participating training programme on ICH -GCP - E6 (R2) focusing on addendum 2016 (14 Dec 2018)	2018 - 19	MGM Medical College NM
Dr Ipseeta Ray	Participating training programme on ICH -GCP - E6 (R2) focusing on addendum 2016 (14 Dec 2018)	2018 - 19	MGM Medical College NM
Dr Savita Katlam	Participating training programme on ICH -GCP - E6 (R2) focusing on addendum 2016 (14 Dec 2018)	2018 - 19	MGM Medical College NM
Dr Minakshi Bhosale	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Shilpa Kadam	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Sushil Kumar	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Aditya Naik	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Kishor Jadhav	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Rahul Kadam	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Alfven Vieira	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr K R Salgotra	EPICON 2019 (2 - 4 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Priyanka Gaikwad	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Talatnoor Sheikh	Downstaging of Cervical Cancer ( 30	2018 - 19	MGM Medical

	July 2018)		College NM
Dr Ujwala Maheshwari	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Nisheena Raghavan	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr M B Hoogar	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Jyotsna Sahai	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Ankita Rai	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Anshika Rai	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Shilpi Shahu	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Manish Tambekar	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Prabhakar Patro	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Rakesh Demde	Downstaging of Cervical Cancer ( 30 July 2018)	2018 - 19	MGM Medical College NM
Dr Gavhane Jeetendra B	Schedule Y and ICH good clinical practice (27 July 2018)	2018 - 19	MGM Medical College NM
Dr Jaishree Ghanekar	Curriculum Implementation support program (13 - 15 feb 2019)	2018 - 19	MGM Medical College NM
Dr Ujjawala Maheshwari	IFA Training for operations, technical and application (15 -16 Dec 2018)	2018 - 19	MGM Medical College NM
Dr Shilpa Kadam	American college of cardiology foundation (ACCF) (16-18 Mar 2019)	2018 - 19	MGM Medical College NM
Dr Jadhav Pradeep R	Continuting medical education (30 June 2018)	2018 - 19	MGM Medical College NM
Dr Mitesh Thakkar	Critical care beyond the basics (28 -30 Mar 2019)	2018 - 19	MGM Medical College NM
Dr R S Inamdar	Revised parameters of Assessment & Accreditation of health science institutions (19 Jan 2019)	2018 - 19	MGM Medical College NM
Dr Reshma Ramakrishnan	Surgical skill transfr course (SSTC) on Punctal Plugs (14 -17 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Reshma Ramakrishnan	Surgical skill transfer course (SSTC) on Core Virectomy (14 -17 Feb 2019)	2018 - 19	MGM Medical College NM
Dr Himika Gupta	EYE - Circlage 2019 ( 3 feb 2019)	2018 - 19	MGM Medical College NM
Dr Vijay Kamale	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Kirti Arora	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Dr Prisca Colaco	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical

			College NM
Dr Nimain Mohanty	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Dr Bhageshree Seth	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Dr Vikram Patra	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Dr Jeetendra Gavhane	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Dr Revathi N	Nutricon (24 -25 Aug 2019)	2018 - 19	MGM Medical College NM
Mitesh Thakkar	World TB day 2019 (27 Mar 2019)	2018 - 19	MGM Medical College NM
Jaishree Ghanekar	World TB day 2019 (27 Mar 2019)	2018 - 19	MGM Medical College NM
Madhur Rai	World TB day 2019 (27 Mar 2019)	2018 - 19	MGM Medical College NM
Dr Mitesh Thakkar	Curriculum Implementation support program (24 -26 Apr 2019)	2018 - 19	MGM Medical College NM
Dr Mahantaya V Math	Curriculum Implementation support program (24 -26 Apr 2019)	2018 - 19	MGM Medical College NM
Dr Santosh Gawali	Curriculum Implementation support program (24 -26 Apr 2019)	2018 - 19	MGM Medical College NM
Dr Rita Kahdkikar	Curriculum Implementation support program (24 -26 Apr 2019)	2018 - 19	MGM Medical College NM
Dr Alfven E Vieira	Curriculum Implementation support program (24 -26 Apr 2019)	2018 - 19	MGM Medical College NM
Dr Mini Mol	CCTS - 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Dr Deepika Sareen	CCTS - 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Mr Prafull Silimkar	CCTS - 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Ms Prema Shewale	CCTS - 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Ms.Prema Shewale	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Mr. Helvin Louis	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Dr. Deepika Sareen	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)

Mr. Praful Silimkar	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Dr. Mini Mol	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Mr. Yogesh Patil	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Mrs. Smital Kulkarni	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Mrs. Poonam Patil	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Ms. Surya Panikar	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Dr. Mansi Thakur	Lab Medians 2019	2018 - 19	MGM School of Biomedical Sciences (MGMIHS)
Dr. Shrutika Parab	AHA BLS ACLS	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Raturaj Shete	AHA BLS ACLS	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Mini Mol	AHA BLS ACLS	2018-19	MGM School of Biomedical Sciences (MGMIHS)
Mrs. Poonam Patil	AHA BLS ACLS	2018-19	MGM School of Biomedical Sciences (MGMIHS)
Mrs. Brincy Darwin	AHA BLS ACLS	2018-19	MGM New Bombay College of Nursing
Mrs. Sarika Nair	AHA BLS ACLS	2018-19	MGM New Bombay College of Nursing
Mrs. Renuka Y. Bhosale	AHA BLS ACLS	2018-19	MGM School of Biomedical Sciences (MGMIHS)
Dr. Vijay Kamale	AHA BLS ACLS	2018-19	MGM Medical College
Dr. N. C. Mohanty	AHA BLS ACLS	2018-19	MGM Medical College
Dr. J. Gavhane	AHA BLS ACLS	2018-19	MGM Medical College
Dr. Vishwas Sathe	AHA BLS ACLS	2018-19	MGM Medical College

Dr. Suhasini Sonavdekar	AHA BLS ACLS	2018-19	MGM Medical College
Dr. Deepika Sathe	AHA BLS ACLS	2018-19	MGM Medical College
Dr. Krishna Patel	AHA BLS ACLS	2018-19	MGM Medical College
Dr. Samir Pachpute	AHA BLS ACLS	2018-19	MGM Medical College
Dr Priti Kapoor	Radio- Anaesthesia (20.04.2019)	2018-19	MGM Medical College
Dr Ashutosh Chitnis	Radio- Anaesthesia (20.04.2019)	2018-19	MGM Medical College
Dr Sonali Kadam	Radio- Anaesthesia (20.04.2019)	2018-19	MGM Medical College
Dr Priti Kapoor	SONOFEST 2018 (01 Sep 2018)	2018-19	MGM Medical College
Dr Sonali Kadam	SONOFEST 2018 (01 Sep 2018)	2018-19	MGM Medical College
Sushil Kumar	SONOFEST 2018 (01 Sep 2018)	2018-19	MGM Medical College
Dr Priti Kapoor	Musculoskeletal (28 to 31 oct 2018)	2018-19	MGM Medical College
Dr Abhay Gursale	MSK - 2018 (Musculoskeletal 28 to 31 oct 2018)	2018-19	MGM Medical College
Dr Ashutosh Chitnis	MSK - 2018 (Musculoskeletal 28 to 31 oct 2018)	2018-19	MGM Medical College
Dr Sonali Kadam	MSK - 2018 (Musculoskeletal 28 to 31 oct 2018)	2018-19	MGM Medical College
Dr Neha Bhangadiya	MSK - 2018 (Musculoskeletal 28 to 31 oct 2018)	2018-19	MGM Medical College
Dr Alfven Vieira	MSK - 2018 (Musculoskeletal 28 to 31 oct 2018)	2018-19	MGM Medical College
Dr Nikhil Bhuskute	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Neha Bangdiya	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Sonali Kadam	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Ashutosh Chitnis	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Abhay Gursale	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Priti Kapoor	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Vikram Shende	Radiology & Related Orthopaedic Tutorial (23 - 24 Mar 2019)	2018-19	MGM Medical College
Dr Priti Kapoor	Radiocon Nov 2018	2018-19	MGM Medical College

Dr Abhay Gursale	Radiocon Nov 2018	2018-19	MGM Medical College
Dr Ashutosh Chitnis	Radiocon Nov 2018	2018-19	MGM Medical College
Dr. Kulkarni Sadhana	Medinspire Conference, held at D.Y. Patil Medical College, Navi Mumbai	2018-19	MGM Medical College Aurangabad
Dr. Rachakonda Lakshmi	FIGO Conference in RIO at Brazil	2018-19	MGM Medical College Aurangabad
Dr. Bohra Rajendra	MORCON-2018	2018-19	MGM Medical College Aurangabad
Dr. Rathod Jitendra	MORCON-2018	2018-19	MGM Medical College Aurangabad
Dr. Vare Reena	MORCON-2018	2018-19	MGM Medical College Aurangabad
Dr. Wyawahare Anupama	15th National Conference of Hospital Infection Society India, held at Hyderabad on 3rd Oct. 2018	2018-19	MGM Medical College Aurangabad
Dr. Shinde Abhimanyu	Conference on Ancient Wisdom and Modern Science of Prenatal Developmental held at Lonavala	2018-19	MGM Medical College Aurangabad
Dr Ashish Jain	MAHAEM 2019	2018-19	MGM Medical College Navi Mumbai
Dr Alfven Vieira	MAHAEM 2019	2018-19	MGM Medical College Navi Mumbai
Dr. Bhale Dhananjay	Revised Accreditation Framework of NAAC Certificate	2018-19	MGM Medical College Aurangabad
Dr. Sasturkar Vasanti	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Gulanikar Suvarna	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Nawal Anagha	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Varma Naveenkumar	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Quadri Umer	Workshop on Intellectual Property Rights	2018-19	MGM Medical College



			Aurangabad
Dr. Bansal Vishvesh	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Mulay Manjushree	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Bapat Gauri	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Rachakonda Lakshmi	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Deshpande Supriya	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Phadke Yogita	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Phatale Sangita	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Isaac David	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Choudhary Prashant	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Pingle Suparna	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Magar Suvarna	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Siddiqui Saeed	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Adchitre Sangita	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Salve Shobha	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Dase Rajesh	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Tayade Deepak	Workshop on Intellectual Property Rights	2018-19	MGM Medical College

			Aurangabad
Dr. Kunde Pallavi	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Mahajan Swati	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Nakel Mahavir	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Joshi Bhavna	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Surve Rahul	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Takwale Glory	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Deshmukh Shweta	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Suryawanshi Pravin	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Deshmukh Deepanjali	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Jadhav Shradhha	Workshop on Intellectual Property Rights	2018-19	MGM Medical College Aurangabad
Dr. Adchitre Sangita	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Ansari Ashfaque	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Bapat Gauri	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Bhale Dhananjay	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Chandra Shruti	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Choudhary Prashant	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the	2018-19	MGM Medical College

	UNESCO Chair in Bioethics Haifa		Aurangabad
Dr. Gavhane Sunil	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Ghogare Harish	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Hatolkar Veena	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Hivre Manjusha	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Holkar Shrirang	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Irani Farahanaz	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Jadhav Shradhha	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Jambure Mahesh	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Joshi Bhavna	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Kadam Pranita	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Kadam Rajesh	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Karad Aruna	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Kharche Jyoti	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Kulkarni Prakash	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Kulkarni Sadhana	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad

Dr. Kulkarni Sanhita	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Mahajan Swati	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Maharshi Anupriya	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Mandhana Vaishali	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Mandhane Anirudha	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Mishrikotkar Jyotika	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Mohd Haseeb	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Mulay Manjushree	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Naik Manjiri	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Nakel Mahavir	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Nayak Prabha	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Pole Shivaji	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Salve Shobha	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Sasturkar Vasanti	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Shewale Rohini	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Shiradkar Swati	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad

Dr. Shroff Gautam	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Somani Badrinath	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Suryawanshi Asmita	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Suryawanshi Mahendra	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Suryawanshi Pravin	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Taksali Reeta	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Tayade Deepak	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Thakre Snehal	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Vaishnav Deepali	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Wyawahare Anupama	3T - IBHSc Course for Health Sciences Faculty - The Indian Program of the UNESCO Chair in Bioethics Haifa	2018-19	MGM Medical College Aurangabad
Dr. Anandgaonkar Ruta	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Bansal Vishvesh	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Bapat Gouri	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Bathe Sandeep	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Bhale Dhananjay	National Seminar on Revised Parameters of Assessment and	2018-19	MGM Medical College

	Accreditation of Health Science Institution		Aurangabad
Dr. Bhale Pramod	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Bhosle Deepak	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Bidari Archana	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Borde Neha	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Chhabda Tejinder	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Choudhary Prashant	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Dagadia Laxmikant	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Dahiphale Devidas	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Darakh Prashant	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Dase Rajesh	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Deshmukh Ashish R.	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad

Dr. Deshmukh Hafiz	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Deshpande Ashish	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Deshpande Vidyanand	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Engade Madhuri	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Gadekar Sarika	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Gaike Chandrashekhar	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Galande Ashok	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Hatolkar Veena	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Hivre Manjusha	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Holkar Shrirang	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Jambure Ashlesha	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Jambure Mahesh	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad

Dr. Kadam Rajesh	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kalbande Manohar	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kale Anjali	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kandewad Varsha	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Karad Aruna	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kotecha Nitin	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kulkarni Anil	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kulkarni Sadhana	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Kulkarni Sudhir	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Mahajan Swati	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Mande Shubhangi	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Mandhande Anirudha	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad



Dr. Marwale Arun	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Mishrikotkar Prasanna	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Mohd Siddiqui	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Mulay Manjushree	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Musande Bhaskar	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Nakel Mahavir	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Patil Martand	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Phadke Yogita	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Phatale Sangita	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Rachakonda Lakshmi	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Rathod Jitendra	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Rathod Swati	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad

Dr. Salve Shobha	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Sanap Narayan	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Sasturkar Vasanti	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Shewale Rajendra	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Shinde Pramod	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Shinde Rajendra	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Shinde Sushil	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Shiradkar Swati	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Shroff Gautam	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Suryawanshi Mahendra	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Suryawanshi Pravin	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Vaishnav Deepali	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad

Dr. Vare Reena	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Varma Naveenkumar	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Yelikar Avinash	National Seminar on Revised Parameters of Assessment and Accreditation of Health Science Institution	2018-19	MGM Medical College Aurangabad
Dr. Gulanikar Aniruddha	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Mahendra Wawhal	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Vijaykumar Gulwe	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Shilpa Pathrikar	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Vinay Joshi	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Anand Soni	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Vikram Lokhande	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Anupriya Maharshi	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Kunal Jadhav	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Vishal Jadhav	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Mangesh Panat	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Yuvraj Rajput	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad

Dr. Mangesh Rajput	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Meera Mahajan	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Ganesh Kadam	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr. Vinod Ingale	Patient & Employee safty and Importance of communication skil in healthcare	2018-19	MGM Medical College Aurangabad
Dr Alfven Vieira	KEM orthopaedics PG foundation course (2-4 Nov 2018)	2018-19	KEM Hospital Mumbai
Dr. Juhi Bharnuke (PT)	National Conference on Integrating Human Values in Professional Education	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Meruna Bose(PT)	Skill Demonstration on Rolf Structural Integration (RSI)	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Rajani Mullerpatan	UNESCO Chair Bioethics	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Meruna Bose(PT)	Prevention, early detection and management of spine disability:A patient centric integrated approach	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Mamta Shetty (PT)	Prevention, early detection and management of spine disability:A patient centric integrated approach	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr.ShrutikaParab (PT)	Prevention, early detection and management of spine disability:A patient centric integrated approach	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. RaturajShete (PT)	Prevention, early detection and management of spine disability:A patient centric integrated approach	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Yuvraj Singh (PT)	Prevention, early detection and management of spine disability:A patient centric integrated approach	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Pradnya Girdhar (PT)	Prevention, early detection and management of spine disability:A patient centric integrated approach	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Juhi Bharnuke (PT)	Basic Course in Gait Analysis	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Bela Agarwal (PT)	Workshop on Qualitative Research Analysis	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Meruna Bose(PT)	Workshop on Qualitative Research	2018-19	MGM School of

	Analysis		Physiotherapy (MGMIHS)
Dr. Juhi Bharnuke (PT)	Workshop on Qualitative Research Analysis	2018-19	MGM School of Physiotherapy (MGMIHS)
Dr. Juhi Bharnuke (PT)	Workshop on Moodle Learning Management System	2018-19	MGM School of Physiotherapy (MGMIHS)

### Grants for research projects non-governmental clinical trials by non-government sources such as industry:

Resource Mobilisation for Research							
Grants for research projects/clinical trials sponsored by the non-governmental sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment Chairs etc. in the Institution during 2018-19 (INR in Lakhs)							
Name of the Project, Clinical Trial, Endowment, Chairs	Name of the Principal Investigator/ Co Investigator	Name of the funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co-Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of Project
2018 -19							
Biomechanical analysis and energy expenditure of traditional, chair and wall Suryanamaskar	Dr. Rajani Mullerpatan	Sancheti College of Physiotherapy	Non - Government	Physiotherapy Navi Mumbai	2018	0.172	1 yrs
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	Dr. Prashant Udgire	Sanofi-Synthelabo Pvt Ltd	Non - Government	Cardiology Aurangabad	2018	112.925	Ongoing
A Randomized, Double-Blind, Placebo-Controlled, three-arm, Parallel Design, Multiple site, Study to Evaluate the Therapeutic equivalence and Safety of Tacrolimus Ointment,0.1% (Encube Ethicals Private Limited) with Protopic® - (Tacrolimus Ointment 0.1%	Dr. Ashish Deshmukh	Accutest	Non - Government	Skin and VD Aurangabad	2018	10.97	Ongoing

(Astellas Pharma US, Inc) in the treatment of Moderate to Severe Atopic Dermatitis.							
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.	Dr. Mahendra Surywanshi	Macleods Pharmaceutical Ltd	Non - Government	Surgery Aurangabad	2018	2.88	Ongoing
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.	Dr. Deepak Bhosle	IQVIA HDS (India) Private Limited	Non - Government	Pharmacology Aurangabad	2019	20.3976	Ongoing
Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization, a phase IV study.	Dr. Shivaji Pole	SIRO Clinpharm Pvt. Ltd.	Non - Government	Interventional Radiology Aurangabad	2019	10.7085	Ongoing

**Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years:**

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled during 2018-2019					
Name of Research fellow	Year of Enrolment	Duration of fellowship	Type of the fellowship	Granting agency	Qualifying exam if any (Net,GATE,Etc)
2018-19					
Shaikh Yahiya Ali	2018	1 yrs	Clinical Research Assistant	MGM Medical College & Hospital Aurangabad	Nil
Jayesh Vishwanath Kakde	2018	1 yrs	Clinical Research Assistant	MGM Medical College & Hospital Aurangabad	Nil
Dr. Priyanka Kailash Tiwari	2018	1 yrs	Senior Research Fellow	ICMR	Nil
Miss. Soni Agale	2018	11 Month	Clinical Research Coordinator	MGM Medical College & Hospital Aurangabad	Nil
Mr Akash Tiwari	2018	1yrs	Research Coordinator	MGM School of Biomedical sciences	Nil
Blessy Thomas	2019	1 yrs	Senior Research Fellow	DBT	Nil
Miss. Archana Sawsakke	2019	6 Month	Clinical Research Coordinator	MGM Medical College & Hospital Aurangabad	Nil
Miss.Ayesha Shaikh	2019	6 Month	Clinical Research Coordinator	MGM Medical College & Hospital Aurangabad	Nil
Mr. Mahesh Padala	2019	11 Month	Clinical Research Coordinator	MGM Medical College & Hospital Aurangabad	Nil
Miss. Linpadmaja Thakur	2019	11 Month	Clinical Research Coordinator	MGM Medical College & Hospital Aurangabad	Nil

Ms Gargi Chaphekar	2019	1yrs	Research Fellow	MGM School of Biomedical sciences	Nil
Yogesh Patil	2018	3 yrs	PhD	MGMIHS	MGM CET
Dr. Niharika Swain	2018	3 yrs	PhD	MGMIHS	MGM CET
Kamlesh Dekate	2018	3 yrs	PhD	MGMIHS	MGM CET
Renuka Bhosle	2018	3 yrs	PhD	MGMIHS	MGM CET
Anil Khandare	2018	3 yrs	PhD	MGMIHS	MGM CET
Rathod Jitendra Kerba	2018	3 yrs	PhD	MGMIHS	MGM CET
Katre Mehendrakumar Isulal	2018	3 yrs	PhD	MGMIHS	MGM CET
Irani Baman	2018	3 yrs	PhD	MGMIHS	MGM CET
Bankapur Vinaykumar Shamsundar	2018	3 yrs	PhD	MGMIHS	MGM CET
Dr. Bhavna P Joshi	2018	3 yrs	PhD	MGMIHS	MGM CET
Dr. Harshad B Lande	2018	3 yrs	PhD	MGMIHS	MGM CET
Dr. Sameer N Sahebrao	2018	3 yrs	PhD	MGMIHS	MGM CET
Dr. Farukh Ismail Ali Inamdar	2018	3 yrs	PhD	MGMIHS	MGM CET
Dipak N Khadke	2018	3 yrs	PhD	MGMIHS	MGM CET
Sandeep Thombre	2018	3 yrs	PhD	MGMIHS	MGM CET
Susan Jacob	2018	3 yrs	PhD	MGMIHS	MGM CET
Pricey Jimmy	2018	3 yrs	PhD	MGMIHS	MGM CET



### Grant for Research project sponsored by the non Government/non govt:

Resource Mobilisation for Research							
Grant for Research project sponsored by the non Government/non govt source such as Industry, Corporate house, international bodies, Endowments, Chairs in the Institution during 2018-19							
Name of the Project, Clinical Trial, Endowment, Chairs	Name of the Principal Investigator/ Co Investigator	Name of the funding agency	Type (Government/Non)	Department of Principal Investigator/ Co-	Year of Award	Funds provided (INR in)	Duration of Project
<b>2018 -19</b>							
Biomechanical analysis and energy expenditure of traditional, chair and wall Suryanamaskar	Dr. Rajani Mullerpatan	Sancheti College of Physiotherapy	Non-Government	Physiotherapy Navi Mumbai	2018	0.1720	1 year
Comparison of newly developed prosthetic designs against conventional prosthesis in unilateral below/above knee amputation patients	Dr. Rajani Mullerpatan	IIT-Madras	NonGovernment	Physiotherapy Navi Mumbai	2018	0.7500	1 year
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	Dr. Prashant Udgire	Sanofi-Synthelabo Pvt Ltd	NonGovernment	Cardiology Aurangabad	2018	112.9250	Ongoing
A Randomized, Double-Blind, Placebo-Controlled, threearm, Parallel Design, Multiple site, Study to Evaluate the Therapeutic equivalence and Safety of Tacrolimus	Dr. Ashish Deshmukh	Accutest	NonGovernment	Skin and VD Aurangabad	2018	10.9700	Ongoing

Ointment,0.1% (Encube Ethicals Private Limited) with Protopic® - (Tacrolimus Ointment 0.1% (Astellas Pharma US, Inc) in the treatment of Moderate to Severe Atopic Dermatitis.							
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	Dr. Mahendra Surywanshi	Macleods Pharmaceutical Ltd Pharmaceutical Ltd	NonGovernment	Surgery Aurangabad	2018	2.8800	Ongoing
surgery. 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	Dr. Deepak Bhosle	IQVIA HDS (India)	NonGovernment	Pharmacology Aurangabad	2019	20.3976	Ongoing
Hypertension.Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization, a phase IV study.	Dr.Shivaji Pole	SIRO Clinpharm Pvt. Ltd.	NonGovernment	Interventional Radiology Aurangabad	2019	10.7085	Ongoing

MGM's New Bombay Hospital - To conduct hospitalbased typhoid surveillance for the typhoid conjugate vaccine (TCV) evaluation project, Navi Mumbai, India 2018-19	Dr.Jeetendra Gavhane	World Health Organization	Government	Pediatrics Navi Mumbai	2018	44.6000	Ongoing
Association of sleep quality and glycemic control in type 2 diabetes mellitus	Ms. Sweta Shashikant Bhagat Dr. Rita Manoj	ICMR - STS	Government	Physiology Navi Mumbai	2019	0.1000	Ongoing
A Comparative study between glaogow coma scale and S.V.N coma scale	Reeva Nadkarni Dr Jayashree Ghanekar	ICMR - STS	Government	Medicine Navi Mumbai	2019	0.1000	Ongoing
Profile of sleep pattern psychiatric comorbidity and problematic electroic and gadget use in children and adolescents with autism and adhd	Sanay Patani Dr Darpan Kaur	ICMR - STS	Government	Psychiatry Navi Mumbai	2019	0.1000	Ongoing
Assesment of self directed learning readiness among undrgraduate student of medical college and tertitory hospital	Sagar Patel Dr Madhavi Manker	ICMR - STS	Government	Community Medicine Navi Mumbai	2019	0.1000	Ongoing
Cardio metabolic risk stratification & life style intervention for risk reduction among overweight &	Shardule Kamble Dr Ipseeta Ray	ICMR - STS	Government	Pharmacology Navi Mumbai	2019	0.1000	Ongoing
Evaluation Of Quality Of Life In End Stage Renal Disease Patients On Haemodialysis	Siddesh Guide Dr Mitesh Thakkar	ICMR-STS	Government	Medicine Navi Mumbai	2019	0.1000	Ongoing
Assessment of role of women Empowerment, knowledge & attitude in dietary habits of school going children (1115 Yrs) in low income families in kalamboli	Komal Guide Dr Prasad	ICMR-STS	Government	Community Medicine Navi Mumbai	2019	0.1000	Ongoing
BLS ACLS, ALS Training	Dr Sameer Kadam , Dr	American Heart	Non-Gover	Surgery Navi	2018-19	15.9700	Ongoing

	Vishwas Sathe	Association	nm	Mumbai			
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Additional Tests	Non-Governm	MGM Medical college & Hospital	2018-19	0.0260	Ong oing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Bank Of Baroda Hc	u Non-Governm	MGM Medical college & Hospital	2018-19	0.1100	Ong oing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	CA Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.1158	Ong oing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Giants Group Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	1.4445	Ong oing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Group A Office Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.1400	Ong oing

Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Jai Janardhan Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	2.7300	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Jain Engineers Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.9840	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Kohler Pre Employment	Non-Governm	MGM Medical college & Hospital	2018-19	0.0805	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Lemon Tree Vaccin	a Non-Governm	MGM Medical college & Hospital	2018-19	0.0570	Ongoing

Medical Health Check Up	MGM Medical college & Hospital Aurangabad	LIC Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	1.2150	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	MGM 21 - 40 Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.0660	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	MGM 41 - 50 Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.2786	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	MGM Cardiac Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.2880	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	MGM Executive Hc	Non-Governm	MGM Medical college & Hospital	2018-19	1.2310	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	MGM Master Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.0840	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	MGM Sports Club	Non-Governm	MGM Medical college & Hospital	2018-19	0.2200	Ongoing
Effect Of Iron Oxide Nanoparticale Plant Growth In Spinach	MGM School of Biomedical Sciences	Ms Saisha (Pillai College Student)	Non-Governm	MGM School of Biomedical	2018-19	0.1500	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Praxair Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.1160	Ongoing
Testing Of Air Sterilizer In Ems-ICU	MGM Medical college &	Quinton Aom Pvt. Ltd,	Non-Governm	MGM Medical college &	2018-19	0.2400	Ongoing

	Hospital Navi	Jogeshwari,		Hospital			
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Samsung Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.0460	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Siemens Connect &	Non-Governm	MGM Medical college & Hospital	2018-19	1.2560	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Taj Hotel Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.0404	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Teacher Hcu	Non-Governm	MGM Medical college & Hospital	2018-19	0.0160	Ongoing
Medical Health Check Up	MGM Medical college & Hospital Aurangabad	Walk In Pre Employ	Non-Governm	MGM Medical college & Hospital	2018-19	0.8778	Ongoing
Ethical Committee Consultation	MGM Medical college & Hospital Navi	Yash raj Biotech	Non-Governm	MGM Medical college & Hospital	2018-19	0.3000	Ongoing

**Awards Recognitions Received For Innovation Discoveries by the Institution:**

<b>Awards / Recognitions Received For Innovation / Discoveries By The Institution/Teachers/Research Scholars/Students During 2018-19</b>				
<b>2018-19 - Awards 19</b>				
<b>Name of the awards/ recognitions received for innovation/ discoveries by the institution / teachers / research scholars / students received awards</b>	<b>Name of the Faculty/ research scholars/ students received awards</b>	<b>Designation: (teachers/research scholars / students)</b>	<b>Awarding Agency</b>	<b>Year of award</b>
<b>2018-19</b>				
Certificate of Merit In National Level Competition For Life Sciences	Gayatri Yadav	Students	MGM SBS , MGMIHS 20-21st	2018

Students			Dec 2018 & IIT Kharagpur	
Certificate of Merit In National Level Competition For Life Sciences Students	Cleon	Students	MGM SBS , MGMIHS 20-21st Dec 2018 & IIT Kharagpur	2018
Publishing Copyright Entitled : MGM Ground Level Activity Exposure Questionnaire	Dr Bela Agarwal	Teacher	MGM Institute of Health Sciences	2018
Publishing Copyright Entitled : Characterization and Toxicity Assessment of Homeopathy Drugs in Zebra fish Embryos	Dr Himanshu Gupta	Teacher	MGM Institute of Health Sciences	2018
Publishing Copyright Entitled : Histological and Bioaccumulation Evaluation of Gold Nanoparticles in Gonads of ZebraFish (Danio Rerio)	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2018
Certificate of Recognition For Innovation in Research	Preeti Samir Pachpute	Research Scholar	MGM Institute of Health Sciences	2018
Certificate of Recognition For Innovation in Research	Saloni Chinmay Desai	Research Scholar	MGM Institute of Health Sciences	2019
Certificate of Recognition For Innovation in Research	Himanshu Rajat Gupta	Research Scholar	MGM Institute of Health Sciences	2019
Certificate of Recognition For Innovation in Research	Amita Anant Bhagit	Research Scholar	MGM Institute of Health Sciences	2019
Publishing Patent Entitled : A Biological Safety Cabinet And A Kit Thereof	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2019
Publishing Patent Entitled :Sensor Based Inflatable Device	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2019
Publishing International Patent : Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen.	Dr Raman P Yadav	Teacher	MGM Institute of Health Sciences	2019
Publishing Copyright Entitled : Establishment Of Hydroponics Lab & Preliminary Phytochemical Screening Of Vegetables	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2019
Publishing Copyright Entitled : Calculation of The Percentage of Chromogranin A Cells In Foetal Suprarenal Gland Of Different Gestational Ages Using Immuno histochemisty	Dr. Aruna Mukherjee	Teacher	MGM Institute of Health Sciences	2019
Publishing Copyright Entitled : MGM – Vacuum DressingSystem	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2019
Publishing Copyright Entitled : Role Of MTHFR Genetic Polymorphisms In Preterm Labour And Birth	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2019
Publishing Copyright Entitled : Effects Of Biologically Synthesized Fe <sub>2</sub> O <sub>3</sub> Nanoparticles On Spinacia	Dr Mansee Thakur	Teacher	MGM Institute of Health Sciences	2019

Oleracea Growth And Development				
Rising Star of Asia	Dr. Swagatika Mishra	Teacher	Indian Institute of Oriental Heritage	2019
WFSBP Young Investigator Award 2019,	Dr. Darpan Kaur	Teacher	14th World Congress of Biological Psychiatry At Vancouver, Canada. 2-6 June 2019	2019

### Research Facilities available in university:

Research Facilities available in university	
Name of the Facility	Year of Establishment
<b>1. Central Research Laboratory / Central Research Facility ( Both Campuses-NM-ABD)</b>	
Infectious Lab – Diagnostic And Research	1993
Molecular Lab – RT PCR,	2007
Genetic Testing And Counseling Lab	2009
OMICS	2014
Sleep Lab	2014
TB Lab	2015
MGM Centre Of Human Movement Science	2015
Skill Lab	2016
<b>2. Animal House/ Medicinal plant garden/ Museum</b>	
Animal House	2009 (No:3030/Cpcsea;15-12-2009)
Zebra fish Facility	2014
Forensic Museum	1989
Anatomy Museum	1990
Community Medicine Museum	1989
Microbiology Museum	1989
Pathology Museum	1989
OBGY Museum	2000
Nephrology Museum	2005
Physiology Museum	1989
<b>3. Media laboratory/Business Lab/e-resource Studios</b>	
MGM Community Radio	2017
Digital Audio Studio	2017
Digital Video Studio	2017
Computer Lab (e-resource)	2008
<b>4. Research/Statistical Databases/Health Informatics</b>	



NKN Wifi 1GBPS	2011
SPSS Software	2016
<b>5. Clinical Trial Center</b>	
Clinical Trail	2016

### Patents published:

Number of Patents Published / Awarded during 2018-19 Total -11				
Name of the Patenter/Copyright awardee	Patent Number/Copyright Number	Title of the patent/Copyright	Year patent was awarded/publi shed	Published / Awarded
<b>2018-19</b>				
Bela Agarwal and Rajani Mullerpatan	L-76907/2018	MGM Ground Level Activity Exposure Questionnaire	27/7/2018	Published
Mansee Thakur , Himanshu Gupta	L-78185/2018	Characterization and Toxicity Assessment of Homeopathy Drugs in Zebra fish Embryos	4/10/2018	Published
Mansee Thakur, Navmi Dayal	L-78260/2018	Histological and Bioaccumulation Evaluation of Gold Nanoparticles in Gonads of ZebraFish (Danio Rerio)	9/10/2018	Published
Suri V K, Thakur Mansee, KhedkarSanotsh, Singh Indra Vijay, Rao Muralidhara Nakka, Patil Yogesh,Kadam Sudhirschandra, Gupta Himanshu, ShriramPrajyot P, DoggaBharadwaj S, Chhabra S Harpreet, Chavan Prashant R, (MGM CET, MGMIHS)	201721023794	A Biological Safety Cabinet And A Kit Thereof	11/1/2019	Published
Dr. Mini Mol, Dr.Gautam Shroff, Dr. Mukherjee	L-81432/2019	Calculation Of The Percentage Of Chromogranin A Cells In Foetal Suprarenal Gland Of Different Gestational Ages Using Immuno histochemisty	19/03/2019	Published
Mansee Thakur, Smital Kulkarni, Poonam Patil	L-814325/2019	Establishment Of Hydroponics Lab & Preliminary Phytochemical Screening Of Vegetables	19/03/2019	Published
Yogesh Patil, Mansee Thakur, Dr.V.K. Suri,	L-81497/2019	MGM – Vacuum Dressing System	27/03/2019	Published

Dr. Salgotra				
Dr.V.K.Suri, Dr.Mansee Thakur, Dr. Santosh Narayan Khedkar, Mr.Indra Vijay Singh , Dr.NakkaMuralidhara Rao, Mr.YogeshPatil, Dr.Sudhirchandra Kadam (MGMIHS, MGM CET)	201721023124 A	Sensor Based Inflatable Device	5/4/2019	Published
YADAV,Raman Prasad, KADAM, Sudhirchandra Nanasaheb, KADAM, Nitin Nanasaheb, BHAGIT, Amita Anant.	WO/2019/097536 (Inernational Patent)	Quantum dot powered IP- 10 antibody based kit for latent TB and TB antigen.	23/05/2019	Published
Dr Mansee Thakur , Surya Panikar , Dr Sunil Sharma	L-83409/2019	Role Of MTHFR Genetic Polymorphisms In Preterm Labour And Birth	20/06/2019	Published
Dr Mansee Thakur , Smital Kulkarni, Gargi Chapekar, Priyanka Patil	L-83417/2019	Effects Of Biologically Synthesized Fe2O3 Nanoparticles On Spinacia Oleracea Growth And Development	20/06/2019	Published

### Patents Applied:

Number of Patents Applied during the last five years					
Sr. No.	Name of the Patenter	Patent Number	Title of the Patent	Year of Award of patent	Details of documentation proof with hard copy / scanned/ e-copies
1	Dr Rajani Mullerpatan, Amit Maurya, Bhallamudi Ravi,Ghyar Rupesh	1431/MUM/2015	A Device for Measurement of properties of a body part	7/4/2017	Applied
2	Nishant Kathpal, Ghyar Rupesh,Chetan Pakhare,Yash Gupte, Bhallamudi Ravi,Mullerpatan Rajani	20182100 5692	A Device For Screening of A Diabetic Foot	15/02/2018	Applied
3	MGMSBS	318667-001	Design patents for Custom-built Electrophoresis system	12/06/2019	Applied
4	Innovation and Incubation Centre, MGMIHS, Dr. Ipseeta Ray	201921053266A	Polyherbal composition having dipeptidyl peptidase-4 inhibitory effects	3/1/2020	Applied

**Startups:**

<b>Number of start-ups incubated on the campus during 2018-19</b>				
<b>Start -ups - 4</b>				
<b>Sr. No.</b>	<b>Name of the start-up</b>	<b>Nature of start-up</b>	<b>Year of commencement</b>	<b>Contact information of the promoters</b>
1	Portable Biosafety cabinet	MGM Analyticals-Affordable technology	10.11.2018	Dr.Mansee Thakur, Mr.Yogesh Patil, Dr.Himanshu Gupta, Miss.Shaila Kotkar
2	MGM O & P care	Analyticals-Affordable technology	10.11.2018	Dr Uttara Deshmukh
3	MGM Fish feed tech	LifeBioTech - Technology for Biosciences	29.03.2019	Dr. Himanshu Gupta, Dr.Mansee Thakur, Mr.Yogesh Patil, Mr.Ashitosh Shivekar, Miss.Gargi Chaphekar
4	BioMol Seperator	MGM Analyticals-Affordable technology	06.06.2019	Mr. Yogesh Patil, Dr.Mansee Thakur, Mr.Saurav Pawar

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<b>Sr. No.</b>	<b>Name of the Patenter/ Copyright awardee</b>	<b>Copyright Number</b>	<b>Title of the patent/Copyright</b>	<b>Year of Award of patent</b>	<b>Published/ Awarded</b>
1	Bela Agarwal and Rajani Mullerpatan	L-76907/2018	MGM Ground Level Activity Exposure Questionnaire	27/7/2018	Published
2	Mansee Thakur , Himanshu Gupta	L-78185/2018	Characterization and Toxicity Assessment of Homeopathy Drugs in Zebra fish Embryos	4/10/2018	Published
3	Mansee Thakur, Navmi Dayal	L-78260/2018	Histological and Bioaccumulation Evaluation of Gold Nanoparticles in Gonads of ZebraFish (Danio Rerio)	9/10/2018	Published
4	Mansee Thakur, Smital Kulkarni, Poonam Patil	L-814325/2019	Establishment Of Hydroponics Lab & Preliminary Phytochemical Screening Of Vegetables	19/03/2019	Published
5	Dr. Mini Mol, Dr.Gautam Shroff, Dr. Mukherjee	L-81432/2019	Calculation Of The Percentage Of Chromogranin A Cells In Foetal Suprarenal Gland Of Different Gestational Ages Using Immuno histochemistry	19/03/2019	Published
6	Yogesh Patil, Mansee Thakur, Dr.V.K. Suri, Dr. Salgotra	L-81497/2019	MGM – Vacuum DressingSystem	27/03/2019	Published
7	Dr Mansee Thakur , Surya Panikar , Dr Sunil Sharma	L-83409/2019	Role Of MTHFR Genetic Polymorphisms In Preterm Labour And Birth	20/06/2019	Published

8	Dr Mansee Thakur , Smital Kulkarni, Gargi Chapekar, Priyanka Patil	L-83417/2019	Effects Of Biologically Synthesized Fe <sub>2</sub> O <sub>3</sub> Nanoparticles On Spinacia Oleracea Growth And Development	20/06/2019	Published
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**Books:**

Sr. No.	Name of Teacher	Affiliating Institute at the time of publication
<b>Books</b>		
<b>2018</b>		
1	Dr. S. H. Talib	MGM Medical College, Aurangabad
2	Himanshu Gupta, Mansee Thakur, Dipty Singh	MGM School of Biomebical Science
3	Mhatre V and Pathak J.	MGM Institute of Health Sciences
4	Dr. Mangesh Panat	MGM Medical College, Aurangabad
5	Dr. Priya Bagade	MGM Institute of Health Sciences

**Number of IPR workshops seminars conducted Industry Academia Innovative practices during 2018-2019:**

Number of workshops/ seminars conducted on Intellectual Property rights (IPR) and Industry Academia Innovative practices during 2018-2019			
Sr.No.	Year	Name of the workshop/seminar	Date
1	2018-19	IPR and Industry Academia Innovative practice at Workplace	03.7.2018
2	2018-19	Phlebotomy and Sample Collection	06.07.2018
3	2018-19	Site Initiation Visit (Macleods Pharmaceutical Ltd) 06	06.08.2018
4	2018-19	Site Initiation Visit (Macleods Pharmaceutical Ltd)	13.08.2018
5	2018-19	Research Methodology seminar	13.08.2018
6	2018-19	Sample Trnaspor	10.08.2018
7	2018-19	Quality Control	04.09.2018
8	2018-19	Out Sourced Lab tests	29.10.2018
9	2018-19	Clinical Pathology SOP	22.11.2018

10	2018-19	Registration/ Accession	27.12.2018
11	2018-19	Talk on Plagiarism MGM SOP, NM	19.10.2018 to 22.10.2018
12	2018-19	How to write a Research Paper by Dr. R.C. Deka MGM MC	23.11.2018
13	2018-19	Site Initiation Visit (Accutest Research Lab Pvt Ltd	06.12.2018
14	2018-19	Statistical Package for Social Sciences(SPSS) MGM P & O, NM	07.12.2018 to 08.02.2019
15	2018-19	Workshop on " Good Clinical Practice	14.12.2018
16	2018-19	National Level Competition For Life Sciences Students	20.12.2018 to 21.12.2018
17	2018-19	Seminar on Research Methodology by Dr. Scott Haldeman of WSC and Carolina Cancelliere	18.01.2019
18	2018-19	Workshop on Innovation and IPR	23.1.2019
19	2018-19	Workshop on "Innovation & Intellectual Property Rights" organized by Innovation and Incubation Centre, MGMIHS, Navi Mumbai. MGM NBCON, NM	23.01.2019
20	2018-19	MGMIHS Incubation and Innovation Centre Navi Mumbai organized a "Idea Competition 2019" MGM NBCON, NM	30.01.2019 to 16.02.2019
21	2018-19 2018-19	MGMIHS Incubation and Innovation Centre Navi Mumbai organized a "Design Competition 2019" MGM NBCON, NM	22.02.2019 to 26.02.2019
22	2018-19	Workshop on Hydroplantonics	28.2.2019
23	2018-19	Industrial visit and Industry Academia Innovative practices for Optometry students	18.02.2019
24	2018-19	Industrial visit and Industry Academia Innovative practices for Biotechnology students	18.02.2019- 19.02.2019
25	2018-19	Hands on training on Gel Documentation System	22.03.2019
26	2018-19	Workshop on research methodology and statistics: Understanding Critical Thinking MGM SOP, A	29.03.2019 to 31.03.2019
27	2018-19	CME on Hospital Infection Control MGM	24.04.2019

		MC, A	
28	2018-19	Industry academic platform using NGBT conference	20.06.2019
30	2018-19	NC,CA and PA	18.01.2019
31	2018-19	Complaint resolution	18.02.2019
32	2018-19	Advisory Services	18.03.2019
33	2018-19	Quality Indicators	19.04.2019
34	2018-19	Clause 5.2 (ISO:15189)	16.05.2019
35	2018-19	Clause 5.3 (ISO:15189)	27.06.2019

### Conference proceedings:

Sr. No.	Publication Title	Author Name	Journal Name	Year
<b>2018</b>				
1	Contribution of Physiotherapy to address India's burden of non communicable diseases	Dr. Rajani Mullerpatan	National Physiotherapy Conference, Punjab	2018
2	Role of increase in C reactive protein and trombocytopenia as early indicators of neonatal sepsis in a tertiary care hospital	Madhulika Bansal	MICROCON 2018	2018
3	Extended spetrum beta lactamase detection in gram negative bacilli from various clinical isolate	Samant SA, Madhulika Bansal, Singh Swikriti, Urhekar AD	MICROCON 2018	2018
4	Phenotypic detection of carbapenemase production in gram negative bacteria by modifiedhodge test	Samant SA, Madhulika Bansal, Singh Swikriti, Urhekar AD	MICROCON 2018	2018
5	Importance of Gene Xpert in diagnosis of MDR Tuberculosis	Harpriya Kar , Pradnya Samant , AD Urhekar	MAHAMICROCON 2018	2018
6	A Spectrum of ESKAPE pathogens isolated from ICU and its antimicrobial resistance pattern in a tertiary care hospital	Samant SA, Aakruti Kurade	MAHAMICROCON 2018	2018
7	Study of oral candidiasis in HIV/AIDS patients and its antifungal suseptibility pattern	Abhishek Singh , Hodiwal A, Kar H, Mohammad Nasim	MAHAMICROCON 2018	2018
8	Comprison of acidometric method and clover leaf method for detection of beta lactamase in staphylococcus aureus	Ankita , Hodiwala A, Samant SA, Ravi Vashist, Pradnya Samant	MAHAMICROCON 2018	2018
9	Prevalence of bacterial colonization at intensive care unit admission with special reference to ESBL and MBL producing gram negative bacteria	Neha Singh, Sharvari Samant	MAHAMICROCON 2018	2018

10	Btrast Tuberculosis	Siddharth P. Dubhashi, G. S. Narshetty	National Conference - Surgipath 2018	2018
11	Lab Automation with vision	DR. Ujwala Maheshwari	National Conference - Surgipath 2018	2018
12	Histopathology Report - tug of war between surgeon and pathologist	Dr. Shilpi Sahu	National Conference - Surgipath 2018	2018
13	A Memoir of Tissue Biopsy	Dr. Manisha Tambekar	National Conference - Surgipath 2018	2018
14	Comparison of four histochemical satining technieues in gastric biopsies for the detection of H. pylori.	Dr. Reeta Dhar	National Conference - Surgipath 2018	2018
15	Laparoscopic management of large hydatid cyst of liver	Dr Kalyanshetti Ashok , Jadhav Ashish , Jadhav Raviraj	National Conference - Surgipath 2018	2018
16	Dieulafoy's Lesion	Majethia H, Gandhi A, Vyas NL	National Conference - Surgipath 2018	2018
17	Follicular Appendicitis	Jadhav A, Kalyanshetti A , Shrishrimal K, Pradhan A	National Conference - Surgipath 2018	2018
18	Study of Age Incidence of Endometrial Hyperplasia in tertiary care hospital	Dr Mithila Bahuleyan, Dr Ujwala Maheshwari	National Conference - Surgipath 2018	2018
19	Madura Foot (Mycetoma) : A case report	Dr Talatnoor Sheikh , Dr Shilpi Sahu, dr Asmita Desai	National Conference - Surgipath 2018	2018
20	Foreign body granuloma - A case report	Meghna Kinjaikl , NL Vyas	National Conference - Surgipath 2018	2018
21	Mullerianosis of urinary bladder - a rare case report	Dr Neelam Rajput, Dr Bindu , Dr A Bembde, Dr CP Bhale	National Conference - Surgipath 2018	2018
22	Pigmented basal cell carcinoma: unusual presentation - A rare case report	Dr Omar Bali, Dr Reeta Dhar, Dr MB Hoogar	National Conference - Surgipath 2018	2018
23	Strengthening allied health sciences courses through - Relevant curriculum design and evaluation	Dr Mini Mol, Dr Mansee Thakur	Curriculum Design And Evaluation	2018
24	Phytochemical screening of selected plant species by using raft based hydroponic system	Sneha Malwatkar, Chitra Nair, Smital Kulkarni, Mansee Hakur	BIOINNOVA 2018, National conference on food nutrition and healthcare	2018
25	PCR based identification of extended spectrum B lactamase (Esbl) producing E coli & their antibiotic resistance profiles	Rosy Lalthangzovi, Yogesh Patil Akshay Adsare, Akshata Rakshe,	BIOINNOVA 2018, National conference on food nutrition and healthcare	2018

		Mansee Thakur, Servari Samantgirish Pai		
26	Comparative analysis of conventional & real time PCR of IS6110 gene with Afb Zn staining, culture method and Gene Xpert assay for the diagnosis of mycobacterium tuberculosis complex	Rosy Lalthangzovi, Yogesh Patil Akshay Adsare, Akshata Rakshe, Mansee Thakur, Servari Samantgirish Pai	BIOINNOVA 2018, National conference on food nutrition and healthcare	2018
27	Rapid detection of S aureu directly from parents clinical specimens by conventional and real time PCR ,comparison with gold stanard culture method	Rosy Lalthangzovi, Yogesh Patil Akshay Adsare, Akshata Rakshe, Mansee Thakur, Servari Samantgirish Pai	BIOINNOVA 2018, National conference on food nutrition and healthcare	2018
28	A green approach to develop Iron nano formulations and its toxicity assay	Smital Kulkarni , Mansee Thakur	BIOINNOVA 2018, National conference on food nutrition and healthcare	2018
29	Cultural Competence in Medical Education.	Dubhashi SP, Narshetty GS.	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
30	The Hidden Curriculum.	Dubhashi SP.	EDUCON 2018 – National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
31	Research , Innovations and Extension	Dr Z G Badade	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
32	Doctor Patient relation- Hidden curriculum	Dr Parineeta Samant	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
33	Redesigning A Competency-Based Syllabus Of Paramedical Courses: Implementing Choice Based Credit Based System (CBCS)	Dr. Mansee Thakur	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018



34	Importance Of Feedback In Teaching Learning Process	Dr. Mamta S. Shetty (PT)	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
35	Patient Safety, Students` Perspective	Dr Kuldip R Salgotra	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
36	Feedback in clinical setting- Review of literature	Dr Jaishree Ghanekar	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
37	Teaching is an Art or Science?	Dr. Siddharth S. Mishra (PT)	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
38	Student-Centric Teaching Strategies	Dr. Seema Anjenaya	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
39	Student Support	Dr. R. S. Inamdar	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
40	Access for Healthcare-The Scene in India	Anshruta Raodeo	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
41	Effectiveness of Simulation Based Teaching (SBT) on learning Domains for Traumatic Brain Injury topic framed for final year BPT students.	Dr. Siddharth S. Mishra	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
42	Use of Social media as teaching learning tool in physiology for first MBBS students	Dr. Yashoda R Kattimani, Dr. Rita M Khadkikar, Dr. Mahantayya V Math,	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences,	2018

		Dr R S Inamdar,	Navi Mumbai, 2018.	
43	Simulation-Based Training: Tool for Teaching & Evaluation in Nursing.	Sharad B. Pandit, Dr. B. G. Boricha, Dr. Anuradha N. Mhaske	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
44	Early Clinical Exposure as a learning tool in st 1 MBBS students.	Priyanka R Rane, Yashoda Kattimani, Manjusha P, Koushiki mani, Madhur Rai, Rita Khadkikar , Math M.V, R.S. Inamdar	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
45	Attitudes of Physiotherapy Students towards learning Communication skills	Dr Vijaya Krishnan, Dr Vrushali Panhale	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
46	Assessment for self-directed learning skills among undergraduate Physiotherapy students.	Dr Prachita Walankar , Dr Vrushali Panhale	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
47	Perceived Barriers to Evidence Based Practice (EBP) among Post-graduate Physiotherapy Students of Mumbai.	Dr Shruti Nair, Vrushali Panhale, Nithin Nair	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
48	E-Learning in Medical Education – A Novel Approach	Dr. Koushiki Mani, Dr. Rita Khadkikar, Dr. Yashoda Kattimani, Dr. M.V. Math,Dr. Ravindra Inamdar, Dr. Priyanka Rane, Dr. Madhur Rai,Dr. Manjusha Padhye, Mr.Santosh Sah	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
49	Knowledge and awareness study about Universal Safety Precautions among 1st M.B.B.S, students	Dr Manjusha Padhye	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018

50	Student Led Objective Tutorials	Dr Talatnoor Sheikh, Dr. Asmita Desai, Dr Rakesh D, Dr. Shilpi Sahu, Dr.Reeta Dhar	EDUCON 2018, National Conference on Quality Benchmarks in Higher Education, held at MGM Institute of Health Sciences, Navi Mumbai, 2018.	2018
51	Efficacy of New Anti-Anaemic Preparations Using Biologically Synthesized Iron Nanoparticles in Wistar Rats	S. Kulkarni, N. Mohanty, N. Kadam, N. Swain, R. Patil, M. Thakur	NCIFEH Conference Proceeding RJLBPCS 2018	2018
52	Study of Methylene Tetrahydrofolate Reductase MTHFR (C677T) Polymorphism Association with Preterm Delivery	S. Panikar, S. Sharma, M. Thakur	NCIFEH Conference Proceeding RJLBPCS 2019	2018
53	Ethics of Wound Care.	Dubhashi SP.	National Conference of Indian Society of Wound Management, held at Hassan, Karnataka 2018	2018
54	Ethical dimensions of Breast Cancer Awareness in Rural India.	Dubhashi RS, Dubhashi SP, Banerjee A.	Proceedings of the 2nd National Bioethics, Medical and Research Conference – ETHOS 2018, Amritsar;2018:20-21.	2018
55	Investing in disaster risk reduction in developing countries : An ethical analysis	Dr Siddharth Dubhashi	Proceedings of the 2nd National Bioethics, Medical and Research Conference – ETHOS 2018, Amritsar;2018:20-21.	2018
56	Active learning Technique to promote students learning	Dr Siddharth Dubhashi	Global Bioethics Enquiry (26-27 May 2018)	2018
57	Strengthening the profession of nursing Enhancing Transformation.conference proceedings	Prabha K Dasila,Ponchitra,Jyoti Chaudhari,Susan,Pr eethiMaria,RP Dixit	Strengthening the profession of nursing Enhancing Transformation held at MGMIHS Kamothe Navi Mumbai	2018

**Number of Ph.D.s /DM/M Ch/PG degrees in the respective disciplines awarded per recognized PG teacher\* of the Institution during 2018-19---204**

Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
<b>2018-19</b>					
Thomas Annju Zachariah Jessi	Ph.D in Physiotherapy	Dr B Vbellare	Influence of the hydrophilic and lipophilic media in continuous and pulsed modes of therapeutic ultrasound in phonophoresis: Phase II effect of diclofenac sodium through oral and phonophoresis administration in osteoarthritis of knee.	2012	2018-19
Seeraj S R	Ph.D in Nursing	Dr B Gboricha	Impact of skill training programme regarding essential obstetric & new born care (EONC) during labour on the competencies of Nurses in a selected rural health setup	2013	2018-19
Sharad Bhausaheb Pandit	Ph.D in Physiology	Dr R Inamdar	Pattern of Sleep in Type II diabetes mellitus.	2014	2018-19
Santosh Kumar Sah	Ph.D in Nursing	Dr N C Mohanty	Effect of stripping of the umbilical cord blood towards the baby at birth on neonatal and developmental outcome through infancy.	2012	2018-19
Manisha Nandkumar Pawar	Ph.D in Pharmacology	Dr Y A Deshmukh	To study effect of topical corticosteroid on blood pressure in healthy volunteers and in patients requiring topical corticosteroid therapy	2011	2018-19
Chetan Sushil Javasen	Ph.D in Pharmacology	Dr Y Adeshmukh	Effects of doxycycline and oxyteracycline on neuro-muscular junction.	2010	2018-19
Savitri Rajeshwarisingh Katlam	Ph.D in Genetics	Dr Mansee Thakur	Studies on the mechanism of action of homeopathic drugs on osteoporosis in zebra fish model.	2014	2018-19
Himanshu Gupta	Ph.D in Nursing	Dr Mary Mathews	Effect of caregivers education programme on functional status and health related quality of life among patients with hemiplegia due to cerebro vascular accident in selected hospitals.	2013	2018-19
Mr Rahul Bhausaheb Pandit	Ph.D in Nursing	Dr Prabha Dasila	Impact of parent - child education on physical psychosocial and academic performance among internet addicted teens in selected school of mumbai	2015	2018-19
Ms Farzana Begum	Ph.D in Nursing	Dr Prabha Dasila	Effectiveness of an educational intervention program regarding birth preparedness on outcome of pregnancy among primigravida women	2014	2018-19
Ms Chinchpure Supriya	Ph.D in Physiotherapy	Dr. Bharati Bellare	The Effect of Dual Task Oriented Training on Functional Outcome and the Health Related Quality Of Life in Parkinson's Disease	2011	2018-19
Dr. Meruna Bose	Ph.D in Physiotherapy	Dr. Rajani Mullerpatan	Comprehensive analysis of shoulder muscles among patients with type 2 diabetes	2010	2018-19
Dr. Surendra Wani	Ph.D in Physiology	Dr S G Wankhede	Evaluation of Efficacy Of Yogic Exercise On Cardio-Respiratory Fitness, Mental Health and Nitric Oxide Level In Healthy Individuals	2015	2018-19
Udhan Vishnu	Ph.D in Genetics	Dr D S Joshi	Studies on Polymorphisms in fucosyl transferase2 (FUT2) Gene and its association with prevalent genotypes of rotavirus and norovirus.	2013	2018-19
Kshitija Rane	Ph.D in Hospital Management	Dr Prakash P Doke	Disaster management preparedness in hospitals of Navi Mumbai, identifying gap areas and strategizing, appropriate intervention measures.	2012	2018-19
Saloni Desai	Ph.D in Pharma Management	Dr R K Shrivastav	A Study on prescription to over-the-counter conversation patterns and its impact on the consumer purchase behavior in the Indian Health care Industry	2012	2018-19
Suneel Deshpande	Ph.D in Nursing	Dr P Doke	Effect of planned teaching programme on knowledge, attitude and practices (KAP) and screening regarding selected aspects of secondary prevention of cervical cancer among women in rural community of Raigad District.	2012	2018-19
Kadam Varsha	Ph.D in Nursing	Dr P Doke	The impact of communication on self care management among individuals with diabetes mellitus in an urban community.	2012	2018-19
Mangalam Sriram	Ph.D in Biotechnology	Dr Raman Yadav	Biological synthesis of Highly Efficient Quantum Dots and Its Application in detection of MTB and Latent TB (LTB) antigens	2013	2018-19
Amita Bhagit	Ph.D in Nursing	Dr Jayashree Ghanekar	Effect of Multipronged Health awareness counselling on knowledge and practices in relation to prevention of coronary artery disease among individual with sedentary lifestyle living in mumbai	2012	2018-19
Bharati Veer	Ph.D in Nursing	Dr S Pani	The effectiveness of extended nursing care model on the quality of life of patients coronary artery bypass graft surgery.	2012	2018-19
Jyoti Milind Chaudhari	Ph.D in Physiotherapy	Dr B V Bellare	The integration of training of Evidence Based Practice (EBP) in Physiotherapy education.	2012	2018-19
Vrushali Prashant Panhale	Ph.D in Pharmaceutical Management	Dr R K Shrivastav	The role of brand equity on prescription behavior of doctors: A comparative study of global and local brand.	2013	2018-19
Jitendra Ganpatrao Bodhke	Ph.D in Nursing	Dr. A Banerjee	To develop and evaluate the effect of ventilator associated pneumonia prevention protocol for nurses working in intensive care units and to evaluate the effect in reducing the incidence of ventilator associated pneumonia in multispecialty hospitals of Mumbai	2012	2018-19
Savia Fernandes	D.M Cardiology	Dr Ratan Rathod	NA	2015	2018-19
Dr. Hegde Sainath Ambarish	D.M Cardiology	Dr Ratan Rathod	NA	2015	2018-19
Dr. Abhishek Vikram Singh	D.M Nephrology	Dr.Kulkarni Sudhir	NA	2015	2018-19
Dr. Bhange Nilesh Ramkrishna	M.Ch Plastic Surgery	Dr.Yelikar Avinash	NA	2015	2018-19



Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
Dr. Vichare Aakanksha Sudhir Jayanti	M.Ch Urology	Dr.Patil Martand	NA	2015	2018-19
Dr. Abhinav Agrawal	M.Ch Urology	Dr.Patil Martand	NA	2015	2018-19
Dr.Dodia Bhooshan Valjibhai	M.Ch Urology	Dr.Patil Martand	NA	2015	2018-19
Dr. Dheeraj Shamsukha	M.Sc. Medical Microbiology	Dr. Bansal V.P.	Incidence Of Methicillin Resistance And Inducible Clindamycin Resistance In Clinical Isolates Of Staphylococci And Their Antibiotic Sensitivity Pattern.	2015	2018-19
Gadekar Krushna Saluba	M.Sc. Medical Biochemistry	Dr. Parineeta Samant	Thyroid status in Menorrhagia Cases	2016	2018-19
Anuja Mary Sabu	M.Sc. Medical Biochemistry	Dr. Z.G. Badade	"Study of Biochemical Markers and BMD and in Pre and Post Menopausal women. "	2016	2018-19
Bhadarge Gangaram Laxman	M.Sc. Medical Biochemistry	Dr. Parineeta Samant	Comparision, Correlation and Evaluation of Cystatin C Based GFR with Creatinine Based GFR in Type 2 Diabetic Patients With Nephropathy	2016	2018-19
Dilip Raj Timalsina	M.Sc. Medical Biochemistry	Dr. Kavita More	Association of Glycosylated Hb with Microalbumin and Creatinine in Diabetes Mellitus	2016	2018-19
Hawale Dattu Vilas	M.Sc. Medical Biochemistry	Dr. Parineeta Samant	Study of Changes in Liver Function Tests, Coagulation Profile Its Correlation with oxidative stress in Alcoholic liver disease and Non Alcoholic Liver Disease	2016	2018-19
Marchande Dipali Gautam	M.Sc. Medical Biochemistry	Dr. Kavita More	Study of Biochemical Parameters in Acute Myocardial Infarction (AMI) in Obese Patients	2016	2018-19
Prakash Tiruwa	M.Sc. Medical Biochemistry	Dr. Z.G. Badade	Study of Cyclophilin -A, HS-CRP and Reactive Oxygen Species in Diabetic Mellitus	2016	2018-19
Rakesh Kumar Jha	M.Sc. Medical Biochemistry	Dr. Z.G. Badade	Study of renal functions in childhood nephrotic syndrome	2016	2018-19
Syed Farhana Abdul Sadique Jebabegum	M.Sc. Medical Biochemistry	Dr. Kavita More	Predicting Biomarkers for Preterm Delivery	2016	2018-19
Kondhalkar Ankita Ashok Shanta	M.Sc. Medical Microbiology	Dr. Harapriya Kar	To Study The Non Fermenting Gram Negative Bacilli And Its Antibiotic Susceptibility Pattern From Different Clinical Samples	2016	2018-19
Akanksha Chauhan	M.Sc. Medical Microbiology	Dr. Sharvari Samant	Faecal Carriage of ESBL producing Bacteriafrom Hospitalized Patients	2016	2018-19
Girish Khirendra Chaudhari	M.Sc. Medical Microbiology	Dr. Harapriya Kar	A Comparative Evaluation of Rapid Immunochromatographic Method & ELISA Test for Diagnosis of Leptospirosis In Tertiary Care Hospital	2016	2018-19
Mistry Nilima Atmaram	M.Sc. Medical Microbiology	Dr. Anahita V . Bhrosania Hodiwala	Study of Dengue Infection -Comparative Analysis of Rapid Dengue Testing & Elisa for NS1 Antigen and IgM Antibody	2016	2018-19
Rumaney Aalia Aslam	M.Sc. Medical Microbiology	Dr. Sharvari Samant	Antibiotic Susceptibility Pattern of MRSA Isolated from a Tertiary Care Hospital with Special Reference to Vancomycin and Linezolid Resistance	2016	2018-19
Sharu B S	M.Sc. Medical Microbiology	Dr. Sharvari Samant	Bacteriological Profile of Endotracheal Aspirate from Patients with Lower Respiratory Tract Infections and their Antibiotic Resistance Pattern	2016	2018-19
Warang Aishwarya Dilip Anuradha	M.Sc. Medical Microbiology	Dr. Sameer Pachpute	Study of Bacteriological Profile of Pseudomonas aeruginosa with special reference to biofilm formation and Metallo- $\beta$ -Lactamases in P. aeruginosa Isolated from Clinical Specimens at a Tertiary Care Teaching Hospital, Navi Mumbai	2016	2018-19
Muruppel Sonica Soman Sudhamani	M.Sc. Medical Pharmacology	Dr. Ispeta Ray	Blood Pressure Lowering Effect of Poly-Herbal Combination of Medicinal Plnts with dipeptidyl Peptidase-4 Inhibitory Activity In Experimental Hypertension.	2016	2018-19
Erande Prithviraj Maruti Vandana	M.Sc. Medical Pharmacology	Dr. Ispeta Ray	Cardioprotective Efficacy of Poly-Herbal Combination of Medicinal Plants With Dipeptidyl Peptidase-4 Inhibitory Activity In Experimental Diabetes	2016	2018-19
Tiwari Devkumar Durgaprasad Chandni	M.Sc. Medical Pharmacology	Dr. Savita Shahai	A Prospective Observational Study on Adverse Drug Reactions in Psychiatry In and Out -Patient Department in MGM Hospital-Navi Mumbai."	2016	2018-19
Khairnar Avinash Shivaji	M.Sc. Medical Biotechnology	Dr. Mansee Thakur	Utilization of agro & fish wastes for formulation of low-cost fish fed	2017	2018-19
Chaphekar Gargi Rohit Madhuri	M.Sc. Medical Biotechnology	Dr. Mansee Thakur	Development of rapid molecular assay for detection of tomato yellow leaf curl virus	2017	2018-19
Patil Priyanka Pandurang Nanda	M.Sc. Medical Biotechnology	Dr. Mansee Thakur	Screening of antimicrobial activity and physicochemical analysis of shwas kas chintamani rasa (SKC)	2017	2018-19
Sohani Kshipra Prabhakar	M.Sc in Medical Genetics	Dr. Anjali Sabnis	Spectrum of CYP21A2 mutations in congenital adrenal hyperplasia and its significance.	2017	2018-19
Patil Anjali Mahesh Lakshmi	M.Sc in Medical Genetics	Dr. Anjali Sabnis	Study of Variability of mutations in CYP21A2 gene in congenital adrenal hyperplasia	2017	2018-19
Ravale Tejaswini Chandrakant	M.Sc in Medical Genetics	Dr. Anjali Sabnis	Muatational spectrum of patients withDMD	2017	2018-19
Singh Swati Shreepal Singh Beena	M.Sc in Medical Genetics	Dr. Anjali Sabnis	Detection of Y Chromosome Microdeletion in Male infertility	2017	2018-19
Tatkare Manogat Manoj Madhura	M.Sc in Molecular Biology	Dr. Raman P. Yadav	Protein and antioxidant containing formulation of nutritional drink from moringa oleifera leaf.	2017	2018-19
Koyada Pallavi Anjayya Jagdamma	M.Sc in Molecular Biology	Dr. Raman P. Yadav	Production, Partial Purification and Characterization of Industrially Important Extracellular Lipase from Bacillus species.	2017	2018-19
Pasham Rajitha Sathireddy Pushpa	M.Sc in Molecular Biology	Dr. Raman P. Yadav	Floral based formulation and cell toxicity studies for potential reduction of intraocular pressure.	2017	2018-19
Rupali Mehta	Master In Hospital Administration	Dr. Archana Mishra	A study of patients handover by doctors in a Hospital	2017	2018-19
Ansari Kiswa Abdul Malik Shabana	Master In Hospital Administration	Dr. Archana Mishra	A Comparative study on turnaround time for discharge process between a private and a teaching Hospital	2017	2018-19



Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
Berin Dixon Dsa	Master In Hospital Administration	Dr. Archana Mishra	The study of knowledge and practice of incidence reporting	2017	2018-19
Chauhan Visambharsingh Harisharan	Master In Hospital Administration	Dr. Archana Mishra	A study to assess and evaluate medicine prescription and administration record document in a tertiary care hospital	2017	2018-19
Halwai Krutika Ramkumar	Master In Hospital Administration	Dr. Archana Mishra	Comparing medication turnaround time form in- patient department to hospital pharmacy department in government and private setup	2017	2018-19
Jadhav Swapnil Damodar	Master In Hospital Administration	Dr. Archana Mishra	A study based on designing drafting and comparing standard operating procedures (SOP) in Hospital	2017	2018-19
Keny Shraddha Rajesh	Master In Hospital Administration	Dr. Archana Mishra	To study the effectiveness and importance of cath lab in teaching hospital	2017	2018-19
Malekar Heena Anil	Master In Hospital Administration	Dr. Archana Mishra	Quality management : Reduction of waiting time and efficiency enhancement in outpatient department	2017	2018-19
Mane Swati Sampat	Master In Hospital Administration	Dr. Archana Mishra	A study on bio- medical waste management in tertiary care teaching hospital , Navi Mumbai	2017	2018-19
Patel Foramben Sanjaykumar	Master In Hospital Administration	Dr. Archana Mishra	A study on data processing and data security in tertiary care hospital , Navi Mumbai	2017	2018-19
Tawde Jayesh Raju Dhanashree	Master In Hospital Administration	Dr. Archana Mishra	Business process reengineering for ultrasound department	2017	2018-19
Yogita Laxman Kulawade	M.Sc Nursing	Mrs.Susan Jacob	Impact Of Structured Teaching Programme On Knowledge Of Home Care Management And Care Burden Among Care Givers Of Hemodialysis Patients In Hospitals Of Navi Mumbai	2017	2018-19
Ms. Brincy Darwin John	M.Sc Nursing	Mrs.Bharti Veer	Satisfaction Of Nursing Students In Relation To Perceived Clinical Learning Environment: A Correlational Survey	2017	2018-19
Ms. Sarika Sukesh Nair	M.Sc Nursing	Mrs.Susan Jacob	Effect Of Education Intervention On Knowledge And Practice Regarding High Alert Medications Among Nurses In Hospitals Of Navi Mumbai	2017	2018-19
Ms. Sanjukta Bibhu Mohanty	Master Of Physiotherapy	Dr. Sibi Daniel Joseph	The Effect Of Open Kinetic Chain Exercises Compared With Closed Kinetic Chain Exercises For Knee With Patellofemoral Pain Syndrome In Athletes	2016	2018-19
Mr. Agrawal Akshay Suresh	Master Of Physiotherapy	Dr. V. Sarath Babu	Efficacy Of Thoracic Joint Unilateral Vertebral Pressure As Adjunct To Central Verterbral Pressure On Middle And Lower Trapezius Muscle Strength	2016	2018-19
Mr. Gawande Krishna Bhimrao	Master Of Physiotherapy	Dr. Sibi Daniel Joseph	Effect Of Neck Muscle Endurance Training And Posture Correction In Adolescents With And Without Neck Pain	2016	2018-19
Ms. Jaiswal Payal Pavankumar	Master Of Physiotherapy	Dr. V. Sarath Babu	Difference Between Hip Joint And Sacroiliac Joint Mobilization On Gluteus Maximus Muscle Strength	2016	2018-19
Ms. Katage Goutami Amit	Master Of Physiotherapy	Dr. Rinkle Malani	Efficacy Of Intermittent Pelvic Traction And Intermittent Pelvic Traction With Self Neural Tissue Mobilization In Chronic Low Back Pain With Sciatica	2016	2018-19
Ms. Snehasusan Thomas	Master Of Physiotherapy	Dr. Meruna Bose	Electrophysiological Study Of Muscle Activity During Reaching In Affected And Unaffected Upper Limb While Performing Mirror Movements In Stroke	2016	2018-19
Ms. Burmekar Priyanka Vithal	Master Of Physiotherapy	Dr. Bela Agarwal	Comparison Of Functional Performance Among People With Unilateral/Bilateral Total Knee Replacement And Conservatively Managed Osteoarthritis Of Knee	2016	2018-19
Ms. Rane Shruti Gajendra	Master Of Physiotherapy	Dr. Bela Agarwal	Influence Of Sustained Occupational Postures On Knee Pain And Functional Perefomance	2016	2018-19
Ms. Advani Manisha Sunder	Master Of Physiotherapy	Dr. Rajani Mullerpattan	Evaluation Of Palmar Abduction In Three Wrist Positions Among Healthy Adults	2016	2018-19
Ms. Gulati Anisha Devinder	Master Of Physiotherapy	Dr. Rajani Mullerpattan	Comparison Of Effects Of Yoga Intervention And Balance Exercises On Standing Balance In People With Diabetic Peripheral Neuropathy	2016	2018-19
Ms. Kanjirathingal Jinny Paul	Master Of Physiotherapy	Dr. Bela Agarwal	Functional Performance In People With Hip Pain	2016	2018-19
Ms. Shaikh Zubeda Firdos Salahuddin	MD Community Medicine	Dr. Rajesh Goel	Assessment Of Accredited Social Health Activist (Asha Worker) In Rural Area Of Raigad District , Maharashtra	2015	2018-19
Vikhe Manisha Rangnath	MD General Medicine	Dr. Amrit Kejriwal	Prevalence Of Anaemia In Stemi Through	2015	2018-19
Arpan Singh Chouhan	MD General Medicine	Dr. Sandeep Rai	Study Of Incidence And Etiological Factors Of Hyponatremia In Critically Illpatients	2015	2018-19
Pathan Bilal Bashir	MD General Medicine	Dr. Sandeep Rai	Correlation Of Diabetic Retinopathy With Ischemic Heart Disease In Type-2 Diabetes Mellitus	2015	2018-19
Saurabh Goel	MD General Medicine	Dr. Aloke Banarjee	Study Of Risk Factors In Acute Coronary Syndrome In Young Population Of Maharashtra	2015	2018-19
Jadhav Virajkumar Mohanrao	MD Emergency Medicine	Dr. D.Bhusare	Study Of Snake Bite Cases	2015	2018-19
Vyawahare Rohit Balasaheb	MS General Surgery	Dr. N. L. Vyas	A Study Of Evaluate Bacterial Colonisation In Skin Ulcers & Its Effect On Skin Grafting	2015	2018-19
Jadhav Manajitsinh Bapusaheb	MS General Surgery	Dr. Ashok Kalyanshetty	To Study The Biopotentials In Hypertropic Scar And Normal Skin	2015	2018-19



Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
Math Suraj Mahantayya	MS Orthopedics	Dr. K. R. Salgotra	A Study Of Functional Outcome Following Proximal Humeral Locking Compression Plating (Lcp) For Proximal Humeral Fractures	2015	2018-19
Abhijeet Yadav	MS Orthopedics	Dr. Sarbjeet Kohli	Study Of Management Of Diaphyseal Fracture Shaft Femur By Intramedullary Interlocking Nail	2015	2018-19
Ayush Tiwari	MD Pharmacology	Dr. Ipseeta Ray	Comparative study of efficacy and safety of atorvastatin plus fenofibrate versus atorvastatin plus saroglitazar in patients of type 2 diabetes mellitus with dyslipidemia	2015	2018-19
Pathan Sameer Khan Shabbir Khan	MD Community Medicine	Dr. S.B.Salve	The Study Of Musculoskeletal And Visual ProblemMS Among Clerical Staff Working In Mgm Trust Institutions, Aurangabad	2015	2018-19
Tadvi Jafar Rashid	MD General Medicine	Dr. Sonali Bhattu	Observational Study Of Renal Involvement During Third Trimester Of Pregnancy	2015	2018-19
Deshmukh Shridhar Ramesh Rao	MD General Medicine	Dr. A.G. Kulkarni	Heart Rate Recovery After Treadmill Testing And Its Co-Relation With Body Mass Index In Patients With Normal Ecg	2015	2018-19
Pawan Kumar Raghuvver Yadav	MD Anaesthesiology	Dr.P.V. Bhale	Comparison Of Effect Of Intravenous Lignocaine And Dexmedetomidine On Attenuation Of Airway And Pressor Response During Tracheal Extubation	2015	2018-19
Warkari Tejas Arun	MS General Surgery	Dr.Rajendra Shinde	Study To Evaluate The Role Of Laparoscopy In Diagnosis And Management Of Chronic Abdominal Pain	2015	2018-19
Patel Parth Hemant	MS Orthopedics	Dr. Rajendra N. Shewale	Comparative Study Between The Dynamic Compression Plating (Dcp)And The Intramedullary Interlocking Nailing In Diaphyseal Fractures Of The Humerus In Adults (12a1, 12a2,12a3)	2015	2018-19
Gehlot Amitkumar Manojkumar	MS Orthopedics	Dr. Mangesh Panat	Distraction Plating For The Treatment Of Intra-Articular Comminuted Distal End Radius Fractures In Elderly Patients (Ao 23 1, C2,C3)	2015	2018-19
Mohammed Shoaib Qureshi	MD Physiology	Dr. R.S. InaMDar	Study Of Correlation Of Pulmonary Functions Tests (Pft) With Obesity	2016	2018-19
Manjusha Milind Padhye	MD Biochemistry	Dr. Z.G. Badade	Study Of Cyclophilin-A, Hs-Crp And Reactive Oxygen Species In Obese & Non Obese Diabetic Patients	2016	2018-19
Jasmin Kumar	MD Microbiology	Dr. A D. Urhekar	Clinicomicrobiological Study Of Citrobacter Species	2016	2018-19
Mohammad Nasim	MD Microbiology	Dr. Anahita Bhesania	Prevalence Of Biofilm Producing Cons From Clinical Samples In A Tertiary Care Hospital In Navi Mumbai With Special Reference Of Ica-Operon Gene	2016	2018-19
Shahbazker Saami Nazim	MD Pharmacology	Dr. Y.A. Deshmukh	Evaluation Of Antidepressant Activity Of 5ht-3 Antagonists In Mice	2016	2018-19
Indu Slathia	MD Pharmacology	Dr. Ipseeta Ray	Impact Of Mobile Telephony And Pill Box Interventions On Medication Adherence Among Patients With Type 2 Diabetes	2016	2018-19
Shashwat Verma	MD Pharmacology	Dr. Savita Sahani	Prescription Pattern Analysis, Adverse Drug Reaction And Quality Of Life Assessment Of Antipsychotic Drugs In Tertiary Care Hospital	2016	2018-19
Bhatt Jigar Hemant	MD Pharmacology	Dr. Savita Sahani	Prescription Pattern Of Drugs In Acne Vulgaris And Quality Of Life	2016	2018-19
Sane Rohit Mahesh	MDPathology	Dr. Prabhakar Patro	Spectrum Of Lesions In Oral Cavity-A Histopathological Study	2016	2018-19
Lad Priyanka Ashok	MDPathology	Dr. Manisha Tambekar	Clinico- Pathological Study Of Sinonasal Masses	2016	2018-19
Prerona Roy	MDPathology	Dr. Hoogar M.B.	Clinico-Pathological Correlation Of Surface Epithelial Tumours Of Ovary	2016	2018-19
Naik Vaidehee Milind	MDPathology	Dr. Ujwala Maheshwari	Study Of Molecular Basis Of Beta Thalassemia	2016	2018-19
Kadungattil Mithila	MDPathology	Dr. Reeta Dhar	Fine Needle Aspiration Cytology Of Head, Neck And Face Lesions	2016	2018-19
Kum. Avani Jain	MD Community Medicine	Dr.Seema Anjenaya	A Study To Assess The Bacteriological Quality Of Drinking Water, Source Sanitation And Water Related Practices In Village Kalhe Of District Raigad	2016	2018-19
Tawde Ashlesha Ashok	MD General Medicine	Dr. Babita Ghodke	Clinical Profile And Outcome Of Acute Kidney Injury Of Patients Admitted In Intensive Care Unit Of Tertiary Care Centre. .	2016	2018-19
Rajani Ravi Haresh	MD General Medicine	Dr. Jaishree Ghanekar	Predicting The Need For Ventilator Support In Organophosphate Poisoning	2016	2018-19
Barad Aakashkumar Shardulsinh	MD General Medicine	Dr. Amrit Kejrival	Study Of Serum Vitamin D Levels In Essential Hypertension	2016	2018-19
Vishavdeep Jain	MD General Medicine	Dr. Mittesh Thakkar	Study Of Carotid Intima Media Thickness In Type Ii Diabetic Patients	2016	2018-19
Kusalkar Sayali Ramesh	MD Respiratory Medicine	Dr. P. V . Potdar	Role Of Genexpert In Diagnosis Of Extrapulmonary Tuberculosis	2016	2018-19
Maurya Premkumar Ramkishan	MD Paediatrics	Dr. N. N. Kadam	Spectrum Of Tuberculosis Infections In Children, Incidence Of Primary Drug Resistance	2016	2018-19
Padma Krishnan	MD Paediatrics	Dr. Jitendra Gahvane	To Study The Clinical Profile And Antibiotic Sensitivity Pattern Of Enteric Fever In Children	2016	2018-19
Tilak Shraddha Jayant	MD Paediatrics	Dr. Prisca Colasco	The Use Of Inhaled Corticosteroids (Budecort Nebulization) Comparison With Oral Prednisone In The Treatment Of Acute Wheezing In Children	2016	2018-19
B Prithvi	MD Paediatrics	Dr. N. Rvathi	A Study Of Comorbidities In Children With Epilepsy	2016	2018-19
Dabre Larissa Robert	MD Anaesthesiology	Dr. Olyvna D' Souza	Comparative Study Of The Effects Of Intravenous Etomidate And Propofol Used For Induction Of General Anaesthesia	2016	2018-19
Kum. Ankita Joshi	MD Anaesthesiology	Dr. Olyvna D' Souza	Comparative Study Of Iv Granisetron Palonosetron & Ondansetron For Antiemetic Prophylaxis In Patients Undergoing Elective Abdominal Laproscopic Surgeries.	2016	2018-19



Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
Naik Shweta Dilip	MD Anaesthesiology	Dr. Vishwash Sathe	A Comparison Of Hemodynamic Changes During Oral Endotracheal Intubation Via Video Laryngoscope Versus Conventional Laryngoscope .	2016	2018-19
Gupta Robin	MD Anaesthesiology	Dr. Vennel Jessy	Comparison Of Ntg Vs Dexmedetomidine For Control Of Haehodynamic Response In Patients During Emergence From Anaesthesia And Extubation Following Laparoscopy.”	2016	2018-19
Nikita Ranjan	MD Anaesthesiology	Dr. R. L. Gogna	A Comparison Of The Efficacy Of Transforaminal Triamcinolone Alone And With Low Dose Dexmedetomidine In Radicular Low Back Pain Patients.	2016	2018-19
Alok Kumar	MD Anaesthesiology	Dr. R. L. Gogna	A Comparison Of Two Supraglottic Airway Devices Laryngeal Mask Airway Classic Versus I-Gel A Prospective,Randomized Controlled Single Blind Comparative Study	2016	2018-19
Rajeev Kumar	MDRadio-diagnosis	Dr. Abhay Gursale	Computed Tomography Evaluation Of Pancreatitis	2016	2018-19
Mhatre Rasika Rajendra	MDRadio-diagnosis	Dr. Abhay Gursale	Ultrasound Evaluation Of Polyserositis In Diagnosing And Predicting Severity Of Dengue Fever	2016	2018-19
Archna Ashok Tolani	MDRadio-diagnosis	Dr.Ashutosh Chitnis	Multi Detector Multi Slice Ct (MDct) In Evaluation Of Chest Tuberculosis	2016	2018-19
Misquitta Sonia Nikita Vijay Cheryl	MDRadio-diagnosis	Dr. Priti Kapoor	Study Of Colour Doppler In Small For Gestational Age And Iugr ( Intra Uterine Growth Restriction	2016	2018-19
Shah Rajit Shailesh	MDRadio-diagnosis	Dr. Ashutosh Chitnis	High Resolution .Computed Tomography In Temporal Bone For The Evaution Of Chronic Suppurative Otitis Media And Cholesteoma	2016	2018-19
Mirza Sufiyan Hanif Naseembanu	MD Psychiatry	Dr. Rakesh Ghildiyal	To Study The Prevalence Of Adult Adhd SymptoMS With Co-Morbid Substance Use Amongst Psychiatry Outpatients	2016	2018-19
Prakash Jha	MD Psychiatry	Dr. Darpan Kaur	Patterns Of Psychosocial, Biological & Cognitive Functioning In Psychiatric Patients With Depression	2016	2018-19
Jhalani Ashwin Kailash	MD Emergency Medicine	Dr. D.B. Bhusare	Etomidate As Inducing Agent Of Choice In Polytrauma Patients During Rapid Sequence Intubation	2016	2018-19
Mayank Dhir	MD Emergency Medicine	Dr. D.B. Bhusare	Study Of Indications For Brain Computed Tomography Scan In Patients Presenting To Emergency Deptment After A Minor Head Injury.	2016	2018-19
Biyani Ankit Vikas	MD Geriatrics	Dr. T. K. Biswas	Study Of Community Acquired Pneumonia In Elderly	2016	2018-19
Sabnis Shwet Vinayak	MD Geriatrics	Dr. T. K. Biswas	A Study Of Severe Anemia In Elderly With Special Reference To Etiology	2016	2018-19
Damle Sayali Suhas	MS General Surgery	Dr. Ashok Kalyanshetty	Endovenous Laser Ablation For Varicose Veins Of Lower Limb As A Tool	2016	2018-19
Gurav Ankita Arun Anushree	MS General Surgery	Dr. Ashok Kalyanshetty	To Assess The Efficacy Of Radiological Findings In Acute Appendicitis	2016	2018-19
Majethia Hitali Vasant	MS General Surgery	Dr. N.L Vyas	Effect Of Nutrients Causing Lithogenicity Of The Bile In Gall Bladder Stone Formation And Liver Flushing With Olive Oil And Lemon Juice	2016	2018-19
Draun Upadhyay	MS General Surgery	Dr. Ali Reza Shojai	Traumatic Injuries Of G-I Tract-Clinical Study	2015	2018-19
Dwivedi Vinish Vishnu	MS Orthopedics	Dr. Alfven Vieira	A Prospective Study Of Management Of Distal End Of Radius Fracture In Children	2016	2018-19
Gohil Pratik Raisinbhai	MS Orthopedics	Dr. Alfven Vieira	A Prospective Study Of Management Of Long Bone Fracture By Intramedullary Elastic Nailing In Children	2016	2018-19
Raut Saijyot Santosh	MS Orthopedics	Dr . K. R. Salgotra	Functional And Radiological Outcome Of Fractures Distal End Of Radius Treated With Open Reduction Internal Fixation With Locking Compression Plate.	2016	2018-19
Preetam Singh Dagar	MS Orthopedics	Dr . K. R. Salgotra	A Comparative Study Of Unreamed Intramedullary Nail Versus External Fixation In Gustillo And Anderson Grade I, Ii, And Iii Open Tibial Fractures	2016	2018-19
Pandey Sachin Krishnakumar	MS Orthopedics	Dr. Sarabjeet Singh Kohli	Functional Outcome And Radiological Evaluation Of Anatomical Anterior Cruciate Ligament Reconstruction	2016	2018-19
Jadhav Ashutosh Ajit	MS Ophthalmology	Dr. Shrikant Deshpande	Comparative Study Of Fundus Images In Diabetic Patients Using Smartphone Based Retinal Imaging Technique As Compared To A Fundus Camera	2016	2018-19
Kanhere Minal Dattatraya	MS Ophthalmology	Dr. N. Abidi	Comparative Study Of Smartphone Based Application For Visual Acuity With Snellen's Visual Acuity Chart	2016	2018-19
Gala Yash Bharat Varsha	MS Ophthalmology	Dr. Varshav Gore	The Effect Of Cataract Surgery On Intraocular Pressure In Patients With Glaucoma	2016	2018-19
Shipra Gupta	MS Obstetrics and Gynaecology	Dr. Jaishree Narshetty	Efficacy Of Oral Mifepristone In Cervical Ripening And Induction Of Labour In Primigravidas	2016	2018-19
Jadhav Sonam Sanjay	MS Obstetrics and Gynaecology	Dr. Archan Chatterji	Prevalence Of Bacterial Vaginosis In Pregnant Women And Its Outcome On Pregnancy In Patients Attending The Obgy Department	2016	2018-19
Yadav Aditi Dinesh	MS Obstetrics and Gynaecology	Dr. Sabrina Mhapankar	Comparative Study Between Timed Intercourse And Intrauterine Insemination In Ovulation Stimulated Cycles In Unexplained Infertile Couples	2016	2018-19
Vadukkut Annabelle Sabu	MS Obstetrics and Gynaecology	Dr. Sunil Sharma	A Study Of Oral Labetolol Therapy In Mild And Moderate Pre- Eclampsia	2016	2018-19





Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
Mane Shruti Namdev Ujwala	MS Obstetrics and Gynaecology	Dr. Shaifali Patil	Comparison Between Early Postpartum IUCD Insertion And Interval IUCD Insertion	2016	2018-19
Shaikh Shabista Farooque Shahanaz	MS Obstetrics and Gynaecology	Dr. Sushil Kumar	Effects Of Gum Chewing On Post Operative Bowel Motility After Cesarean Section	2016	2018-19
More Mayuri Vinayak	MS Otorhinolaryngolog	Dr. Vaishali Sangole	Treatment Of Large Tympanic Membrane Perforations: Medial To The Malleusversus Lateral To The Malleus. A Comparative Study	2016	2018-19
Shah Tanush Vijay	MS Otorhinolaryngolog	Dr. Kalapna Rajiv Kumar	Study Of Anatomical Variations On Ct Scan In Chronic Sinusitis	2016	2018-19
Jubina P. P.	MD Anatomy	Dr. G. A. Shroff	Histogenesis Of Human Fetal Heart At Mid- Gestational Age	2016	2018-19
Muley Madhura Kapil	MD Physiology	Dr. Sangita Phatale	Haemostatic Profile : Its Prognostic Value In Pregnancy Induced Hypertension	2016	2018-19
Khan Saba Anjum Shujaat Nawaz Khan	MD Physiology	Dr. Sangita R. Phatale	To study the correlation of BMI on blood pressure and lipid profile in young healthy medical students	2014	2018-19
Siddiqui Mahaiboob Fatima Mohd Sirajuddin Ahmed	MD Microbiology	Dr. Mrs. Manjushree Bha	Mycological Profile Of Dermatophytes And Their Sensitivity Pattern As Tertiary Care Centre	2016	2018-19
Pohekar Jayshree Abhay	MD Pharmacology	Dr. Deepak Bhosle	Study The Effect Of Canagliflozin In Patients Of Type 2 Diabetes Mellitus Inadequately Controlled On Maximum Dose Of Three Oral Hypoglycemic Agents	2016	2018-19
Quazi Zubair Zafar	MDPathology	Dr. Anil Vare	The Comparative Study Of Histopathological Lesions Of Nose, Paranasal Sinuses & Nasopharynx	2016	2018-19
Gurme Bhagyashri Narayanrao	MDPathology	Dr. Sachin Kale	A Comparative Study Of Rbc Histogram With Peripheral Smear Findings In Various Anaemias	2016	2018-19
Naga Saranya	MD General Medicine	Dr. V.S. Gulve	To Study The Inter- Relationship Of Stress, Waist Circumference And Blood Pressure Record By Ambulatory Blood Pressure Monitoring In Medical Professionals	2016	2018-19
Sheikh Danish Sattar	MD General Medicine	Dr. Sonali Bhattu	Association Of Waist Circumference With Pulmonary Function Test In Normal Overweight And Obese People.	2016	2018-19
Vaidya Prachi Nandkumar	MD General Medicine	Dr. K.M. Raul	Clinical Profile Of Expanded Dengue Syndrome And Study Of Long Term Sequelae Of Dengue Fever	2016	2018-19
Ashish Dulani	MD General Medicine	Dr. Mahendra Wawhal	Evaluation Of Smoking As A Predominant Risk Factor For Coronary Artery Disease: A Case Control Study.	2016	2018-19
Tengse Rahul Bhaskarrao	MD General Medicine	Dr. A G Kulkarni	A Study Of Non- Alcoholic Fatty Liver Disease In Type 2 Diabetes Mellitus	2016	2018-19
Shivam Dutt	MD General Medicine	Dr. Manjiri R. Naik	Study Of Lipid Profile In Prediabetics	2016	2018-19
Saifan Aseem Asad	MD General Medicine	Dr. S H. Talib	Study Of Diabetic Peripheral Neuropathy As A Predictor Asymptomatic Myocardial Ischaemia In Prediabetes And/Or Asymptomatic Type 2 Diabetes Mellitus	2016	2018-19
Tamboli Gaurav Ashok	MD Respiratory Medicine	Dr. A. S. Deshmukh	Hemoptysis: Etiology, Evaluation, And Outcome In A Tertiary Care Hospital	2016	2018-19
Surin Sandeep Kumar	MD Respiratory Medicine	Dr. A. S. Deshmukh	To Study Clinical Radiological And Histopathological Features Of Primary Lung Carcinoma In Non Smokers.	2016	2018-19
B Rekha	MD Dermatology	Dr. A. R. Deshmukh	To Comparative Study Of The Efficacy Of Intradermal Tranexmic Acid V/S 3% Topical Tranexamic Acid V/S Topical Triple Combination(Hydroquinone 2%, Tretinoin 0.025%, Flucinolone Acetonide 0.01%) In Melasma	2016	2018-19
Patil Nilangekar Shruti Sharad	MD Dermatology	Dr. A.D. Gulanikar	Study Of Trichoscopic Patterns Seen In Patients With Alopecia Of Scalp	2016	2018-19
Sharma Shubhangini Satish	MD Paediatrics	Dr. J.R. Kakade	Clinical Profile Of Children With Hyponatremia In Pneumonia: In A Tertiary Care Hospital	2016	2018-19
Aashna Valecha	MD Paediatrics	Dr. A.V. Kale	The Effect Of Phototherapy On Serum Calcium Level In Neonates With Hyperbilirubinemia: A Cross Sectional Study	2016	2018-19
Jadhao Pranoti Uttam	MD Paediatrics	Dr. A.V. Kale	Nutritional Assessment Of Children With Congenital Heart Disease In A Tertiary Care Centre, Mgm Aurangabad: A Cross Sectional Study	2016	2018-19
Walawalkar Ashutosh Avinash	MD Paediatrics	Dr. J.R. Kakade	Comparison Between Urine Dipstick And Urine Analysis For Urinary Tract Infection In Febrile Children	2016	2018-19
Gawande Parag Madhukarrao	MD Paediatrics	Dr.J.R.Kakade	To Comapre The Sensitivity Of Chest Ultrasound Verses Chest X-Ray For Diagnosis Of Pneumonia In Pediatrics Age Group At A Tertiary Care Hospital In Aurangabad	2015	2018-19
Vinay Sagar Vidya Sagar Thakur	MD Anaesthesiology	Dr. S.J. Kulkarni	A Comparative Study Of Efficacy Of Intrathecal Bupivacaine-Ketamine With Bupivacaine-Fentanyl For Caesarean Section	2016	2018-19
Nitish Gupta	MD Anaesthesiology	Dr. P.V. Bhale	Comparative Evaluation Of Supraglottic Airway Devices I-Gel Versus Larayngeal Mask Airway (Lma)-Supreme In Patients Undergoing Surgery Under General Anaesthesia	2016	2018-19
Deshmukh Apurva Narendra	MD Anaesthesiology	Dr. S.J. Kulkarni	Comparison Of Intrathecal Ropivacaine With Fentanyl And Bupivacaine With Fentanyl For Urological Surgeries.	2015	2018-19



Name of PhD / DM/M.ch Scholar	Name of the Department	Name of Guide/s	Title of the thesis	Year of Registration of	Year of award of
Madkaiker Sanil Rajanikant Madkaiker Rajanikant	MD Anaesthesiology	Dr. V. P. Kelkar	A Comparative Study Of Propofol, Thiopentone Sodium And Ketofol As Induction Agents In Electroconvulsive Therapy	2016	2018-19
Gaddam Nagaraju	MD Anaesthesiology	Dr. Manisha Takalkar	Thesis Title : : A Comparative Study Of Effect Of Two Different Doses Of Dexmedetomidine For Attenuating The Hemodynamic Response During Laryngoscopy And Tracheal Intubation	2016	2018-19
Singh Manisha Jaiprakash	MDRadio-diagnosis	Dr. P.S Mishrikotkar	The Accuracy Of Diagnostic High Frequency Ultrasound Imaging For Musculoskeletal Soft TissuePathology	2016	2018-19
Pooja Shamsukha	MDRadio-diagnosis	Dr. P.S Mishrikotkar	Role Of Mri In Evaluation Of Uterine And Adnexal Pathologies	2016	2018-19
Vanshika Kohli	MDRadio-diagnosis	Dr. D.B. Dahiphale	Role Of Mri In Evaluation Of Avascular Necrosis Of Femoral Head	2016	2018-19
Mohammad Zeeshan Saleem Iqbal Saleem	MD Psychiatry	Dr. Arun Marwale	Study Of Psychiatric Morbidity Among Adult Icu Patients Among Medical And Surgical Icu	2016	2018-19
Manaswi Gautam	MS Ophthalmology	Dr. J.P. Mishrikotkar	Comparative Study Of Sutureless Pterygium Surgery With Limbal Autoconjunctival Graft Under Subconjunctival Anaesthesia Versus Peribulbar Anaesthesia	2016	2018-19
Qureshi Tanvi Mustaqahmed	MS Ophthalmology	Dr. Sarika Gadekar	To study ocular findings in chronic kidney disease patients attending MGM tertiary care hospital, Aurangabad	2016	2018-19
Sapkal Dheeraj Ramesh	MS Ophthalmology	Dr. S.R. Thakre	Exotropia- An Observational Study	2016	2018-19
Malgi Vishwesh Shirish	MS Obstetrics and Gynaecology	Dr. Swati Shiradkar	A study of congenital anomalies of female genital tract and association with reproduction	2016	2018-19
Bhawna Gera	MS Obstetrics and Gynaecology	Dr. Mande S.A.	To understand knowledge, acceptance and complications with post placental intrauterine contraceptive device insertion	2016	2018-19
Rameshkumar Shweta	MS Obstetrics and Gynaecology	Dr. Bapat G. N.	Maternal risk factors associated with term low birth weight neonates	2016	2018-19
Syeda Uzma Fatima Syed Ansar Ali	MS Obstetrics and Gynaecology	Dr. Rachkonda L. N.	Association of LDH levels as a biochemical marker in the fetomaternal outcome in normotensive and pregnancy induced hypertensive disorders	2016	2018-19
Shetty Preeti Manmatha	MS Otorhinolaryngolog	Dr. R.B. Bohra	The Role of bupivacaine in reducing post tonsillectomy pain	2016	2018-19



## PhD Degree Awarded 2018-2019 (27)

Sr. No	Department	Name of the Supervisor	Name of the PhD Scholar	Registration No.	Date of Registration	Research Topic	Date of Notification	Date of Convocation
1.	Anatomy	Dr. Anjali Sabnis M.Sc., MD	PrakashVithal Mane	11450001001	01.08.2014	Proliferative capacity and functional activity of retinal progenitor cells in developing human fetuses.	02.07.2018	31.07.2018
2.	Physiology	Dr. R. S. Inamdar MBBS, MD	SahSantosh Kumar	11450002001	01.08.2014	Pattern of Sleep in Type 2 diabetes mellitus.	13.07.2018	31.07.2018
3.	Biochemistry	Dr. Z.G. Badade M.Sc., Ph.D.	PachputePreeti Samir	11450003003	01.08.2014	GAD-65 autoantibodies as a Novel Marker in the diagnosis of latent autoimmune diabetes in adults (LADA)	13.07.2018	31.07.2018
4.	Nursing	Dr. B.G.	PanditSharadBha usaheb	11350008011	16.07.2013	Impact of skill training pro-grammeregarding essential obstetrics and	13.07.2018	31.07.2018



		Boricha MBBS, MS, DGO,				new born care (EONC) during labour on the competencies of nurses in a selected rural health setup.		
5.	Nursing	Anuradha Mhaske M.Sc., Ph.D.	Satishchandra Tukaram Buyite	21350008001	25.07.2013	A study to assess the effectiveness of video assisted teaching programme on disaster management among nursing students in selected nursing colleges of Aurangabad.	16.07.2018	31.07.2018
6.	Pharmacology	Dr. Y. A. Deshmukh MBBS, MD	Javasen Chetan Shil	11150005016	15.06.2011	To study effect of topical corticosteroid on blood pressure, blood sugar and blood calcium in healthy volunteers and in patients requiring topical corticosteroids therapy.	24.07.2018	31.07.2018
7.	Pharmacology	Dr. Y. A. Deshmukh MBBS, MD	Katlam Savitri Rajeshwarisingh	11050005002	05.10.2010	Effect of oxytetracycline and doxycycline on neuromuscular function.	24.07.2018	31.07.2018
8.	Nursing	Dr. N.C. Mohanty MBBS, MD	Manisha Nandkumar Pawar	11250008012	01.02.2012	Effect of stripping of the umbilical cord blood towards the baby at the birth on neonatal and developmental outcome through infancy .	24.07.2018	31.07.2018
9.	Physiotherapy	Dr. Bharti Bellare M.Sc. (PT)	Seeraj S.R.	11250009014	01.02.2012	Influence of hydrophilic and lipophilic media in continuous and pulsed modes of therapeutic ultrasound in phonophoresis.	27.07.2018	31.07.2018
10.	Physiotherapy	Dr. Rajani Muller	Wani Surendra Kiran	21050009003	13.06.2010	A comprehensive analysis of shoulder muscles among Indian people with diabetes.	03.08.2018	27.01.2019



		patan M.Sc., PhD						
11.	Physiotherapy	Dr. Bharti B ellare M.Sc. (PT)	Meruna Bose	11150009014	15.06.2011	The effect of dual task oriented training on functional outcome and the health related quality of life in parkinson's disease.	03.08.2018	27.01.2019
12.	Genetics	Dr. D.S. Joshi M.Sc., Ph.D.	Kshitija Chandras hekhar Kavita Ran e	11350007019	16.07.2013	Studies on polymorphisms of FUT2 gene in association with rotavirus and norovirus infection and their genotypes.	12.09.2018	27.01.2019
13.	Nursing	Dr. Prabha Dasila M.Sc, Ph.D.	Chinchpure Supri ya Baban	11450008003	01.08.2014	Effectiveness of an educational intervention program regarding birth preparedness on outcome of pregnancy among primigravida women.	26.10.2018	27.01.2019
14.	Pharmaceutical Management	R. K. Shrivastav M.Sc., Ph.D.	Suneel G Deshpande	11250001034	16.08.2012	A Study on prescription to OTC conversion patterns and its impact on the consumer purchase behavior in the Indian Health care Industry.	05.12.2018	27.01.2019
15.	Nursing	Dr. Prabha Dasila M.Sc., Ph.D.	Farzana Begum	11550008001	20.08.2015	Impact of parent -child education on physical, psychosocial and academic performance among internet addicted teens in selected schools of Mumbai.	18.12.2018	27.01.2019
16.	Nursing	Dr. Mary Mathews N	Pandit Rahul Bahushaeb	11350008015	19.07.2013	Effect of caregivers education programme on functional status and health related quality of life among patients with hemiplegia due to cerebro vascular accident in selected hospitals	23.11.2018	27.01.2019
17.	Genetic	Dr. Mansee	Gupta Himanshu Rajat	11450007001	01.08.2014	Studies on the mechanism of action of homeopathic drugs on osteoporosis in	05.12.2018	27.01.2019



		Thakur M.Sc., Ph.D.				zebra fish model.		
18.	Hospital Management	Dr. Prakas hDoke MBBS, DNB, MD, Ph.D.	SaloniChinmay Desai	11250000033	16.08.2012	Disaster preparednessat selected hospitals of Navi Mumbai, identifying the gap areas and strategizing appropriate intervention measures.	17.01.2019	27.01.2019
19.	Physiology	Dr. Sharad chandr aWank hede, MBBS, MD	Vishnu Dnyandeora Udhan	21550002001	03.08.2015	Evaluation of Efficacy of Yogic Exercise on Cardio-Respiratory Fitness, Mental Health and Nitric Oxide Level in Healthy Individuals	17.01.2019	27.01.2019
20.	Nursing	Dr. Prakas hDoke MBBS, DNB, MD, Ph.D.	Varsha Rajesh Kadam	11250008008	01.02.2012	Effect of planned teaching progamme on knowledge, attitude and practices (KAP) in relation to selected aspects of cervical cancer and screening for secondary prevention among women in rural district ofRaigad, Maharashtra.	19.01.2019	27.01.2019
21.	Nursing	Dr. Prakas hDoke MBBS, DNB, MD, Ph.D.	MangalamSriram	11250008010	01.02.2012	Impact communication on of self care management among individuals with diabetes mellitus in an urban community.	19.01.2019	27.01.2019
22.	Pharmaceutica l Management	Dr. R K Srivast ava M.Sc., Ph.D.	BodkheJitendraG anpatrao	11350011023	30.07.2014	The roleof brand equity on prescription behavior of Doctors: A comparative study of global and local brands.	18.03.2019	31.07.2019



23.	Biotechnology	Dr. Raman P Yadav	BhagitAmitaAnant	11350006007	19.07.2013	Biological synthesis of highly efficient quantum dots and its application in detection of MTB and Latent TB (LTB) antigens	30.04.2019	31.07.2019
24.	Physiotherapy	Dr. Bharati Bellare M.Sc. (PT)	PanhaleVrushali Prashant	11250009015	01.02.2012	The integration of training of evidence based practice in physiotherapy education	11.06.2019	31.07.2019
25.	Nursing	Dr. Jaishree Ghanekar MBBS, MD	Bharti Veer	11250008011	01.02.2012	Effect of multipronged health awareness counseling on knowledge and practices in relation to prevention of coronary artery disease among individuals with sedentary lifestyle living in Mumbai	18.06.2019	31.07.2019
26.	Nursing	Dr. ShankaranPani MBBS, MS	JyotiChaudhari	11250008030	16.08.2012	The effectiveness of extended nursing care model on the quality of life (QOL) of patients of coronary artery bypass graft surgery.	18.06.2019	31.07.2019
27.	Nursing	Dr. Alope Banerjee MBBS, MD	SaviaFernandes	11250008026	16.08.2012	To develop and evaluate the effect of ventilator associated pneumonia (VAP) prevention protocol for nurses working in intensive care units in multispecialty hospitals of Mumbai	21.06.2019	31.07.2019



### PhD Innovative Awards 2018 - 2019

Sr. No	Department	Name of the Supervisor	Name of the PhD Scholar	Registration No.	Date of Registration	Research Topic	Date of Notification	Date of Convocation
1.	Biochemistry	Dr. Z.G. Badade M.Sc., Ph.D.	Preeti Samir Pachpute	11450003003	01.08.2014	GAD-65 autoantibodies as a Novel Marker in the diagnosis of latent autoimmune diabetes in adults (LADA)	13.07.2018	31.07.2018
2.	Hospital Management	Dr. Prakash Doke MBBS, DNB, MD, Ph.D.	SaloniChinmay Desai	11250000033	16.08.2012	Disaster preparedness at selected hospitals of Navi Mumbai, identifying the gap areas and strategizing appropriate intervention measures.	07.01.2019	27.01.2019
3.	Genetics	Dr. Mansee Thakur M.Sc., Ph.D.	HimanshuRajat Gupta	11450007001	01.08.2014	Studies on the mechanism of action of homeopathic drugs on osteoporosis in zebra fish model	05.12.2018	27.01.2019





4.	Biotechnology	Dr. Raman P Yadav	AmitaAnantBhag it	11350006007	19.07.2013	Biological synthesis of highly efficient quantum dots and its application in detection of MTB and Latent TB (LTB) antigens	03.04. 2019	31.07.2019
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## Extension Activities community Health Education:

Extension\* and outreach activities\* such as community Health Education, Community health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, Government and non- Government Organisations engaging NSS/NCC/Red cross/YRC, Institutional clubs etc., during 2018-2019 - 570

Year of Activity	Name of the activity	Organising unit/ agency/ collaborating agency	Number of students participated in such activities	Number of teachers participated in such activities
2018-19	Spinal Cord Injury Support Group 18/07/18 Topic: Disability and Employment	MGM School of Physiotherapy, Navi Mumbai	4	1
2018-19	Respiratory Support Group 27/07/18 Topic: Session on importance of vaccination & Pharmacotherapy	MGM School of Physiotherapy Navi Mumbai	9	1
2018-19	Parkinson's Disease Support Group Meeting on 1/8/18 Topic: Dance and Movement therapy	MGM School of Physiotherapy Navi Mumbai	2	1
2018-19	Spinal Cord Injury Support Group 23/08/18 Topic: Musculoskeletal issues in SCI	MGM School of Physiotherapy Navi Mumbai	2	1
2018-19	Parkinson's Disease Support Group Meeting on 26/9/18 Topic: Aerobic and appreciation	MGM School of Physiotherapy Navi Mumbai	4	1
2018-19	Stroke support group was held on 24/10/2018 Topic- Training on hand function	MGM School of Physiotherapy Navi Mumbai	2	1
2018-19	Tree Plantation Drive	MGM IHS Navi Mumbai	25	1
2018-19	Unnat Bharat Abhiyan	MGM IHS Navi Mumbai	20	1
2018-19	Parkinson's Disease Support Group Meeting Oct 2018	MGM School of Physiotherapy Navi Mumbai	2	1
2018-19	Parkinson's Disease Support Group Meeting Nov 2018	MGM School of Physiotherapy Navi Mumbai	3	1
2018-19	Parkinson's Disease Support Group Meeting Dec 2018	MGM School of Physiotherapy Navi Mumbai	3	1

2018-19	Rally on International Day of Persons with Disability 12/1/2018	MGM School of Physiotherapy Navi Mumbai	25	1
2018-19	Spinal Cord Injury Support Group Nov 2018	MGM School of Physiotherapy Navi Mumbai	9	1
2018-19	Spinal Cord Injury Support Group Dec 2018	MGM School of Physiotherapy Navi Mumbai	5	1
2018-19	Stroke Support Group Oct 2018	MGM School of Physiotherapy Navi Mumbai	2	2
2018-19	Stroke Support Group Nov 2018	MGM School of Physiotherapy Navi Mumbai	10	2
2018-19	Cerebral Palsy Support Group Oct 2018	MGM School of Physiotherapy Navi Mumbai	22	1
2018-19	Cerebral Palsy Support Group Dec 2018	MGM School of Physiotherapy Navi Mumbai	5	1
2018-19	Stroke Support Group Dec 2018	MGM School of Physiotherapy Navi Mumbai	10	2
2018-19	Respiratory Support group for COPD	MGM School of Physiotherapy Navi Mumbai	11	2
2018-19	Respiratory Support group -October 2018	MGM School of Physiotherapy Navi Mumbai	6	1
2018-19	Parkinson's Disease Support Group Meeting Jan 2019	MGM School of Physiotherapy Navi Mumbai	3	1
2018-19	Cerebral Palsy Support Group Jan 2019	MGM School of Physiotherapy Navi Mumbai	22	1
2018-19	Dhamani Village Camp	MGM School of Physiotherapy Navi Mumbai	13	2
2018-19	World Eye donation week	MGM School of Biomedical Sciences in collaboration with Department of Ophthalmology, MGM Hospital Kamothe	40	3
2018-19	Unnat Bharat survey	MGM school of Biomedical Sciences along with Department of Nursing, Physiotherapy & Dept of O/O MGMIHS.	30	4
2018-19	Pulse Polio Immunization	Immunization department of MCGM(BMC) along with Ministry of Health & Family Welfare (MoHFW) & World Health Organization (WHO)	40	1
2018-19	Unnat Bharat Abhiyan	MGM Institute of Health Sciences	6	1
2018-19	IEC Activity: Dengue Fever CBD Belapur	Urban Health Training Centre (UHTC)	5	3
2018-19	ANC Check Up ( As a part of Pradhan Mantri Matritva Yojana) panel	Rural Health Training Center (Rural Health Training Center (RHTC) )	4	3
2018-19	IEC Activity: Anaemia, balanced diet CBD Belapur	Urban Health Training Centre (UHTC)	2	3
2018-19	IEC Activity:	Urban Health Training Centre (UHTC)	4	3

	Tuberculosis CBD Belapur			
2018-19	Multi Diagnostic Camp Panvel	MJPJAY	5	5
2018-19	Sensitization of ASHA Workers regarding MJPJAY Scheme Panvel	Rural Health Training Center (Rural Health Training Center (RHTC) )	3	2
2018-19	Multi Diagnostic Camp Panvel	MJPJAY	4	5
2018-19	Multi Diagnostic Camp Panvel	MJPJAY	2	2
2018-19	IEC Activity: Malaria, Vector control CBD Belapur	Urban Health Training Centre (UHTC)	4	3
2018-19	Outreach Immunisation Programme CBD Belapur	Khopoli Outreach Programme	3	2
2018-19	IEC Activity- CBD Belapur	Urban Health Training Centre (UHTC)	2	3
2018-19	IEC Activity CBD Belapur	Urban Health Training Centre (UHTC)	5	3
2018-19	IEC Activity CBD Belapur	Urban Health Training Centre (UHTC)	5	1
2018-19	Medical camps for the flood relief victims. Health Education regarding prevention of water borne diseases Kerala	Community Medicine	2	17
2018-19	Outreach Immunisation Session and health check up Khopoli	Khopoli Outreach Programme	3	2
2018-19	IEC Activity- CBD Belapur	Urban Health Training Centre (UHTC)	2	1
2018-19	Outreach Immunisation programme Khopoli	Khopoli Outreach Programme	4	2
2018-19	IEC Activity- CBD Belapur	Urban Health Training Centre (UHTC)	4	1
2018-19	National Nutrition Week meeting Khopoli	Khopoli Outreach Programme	4	1
2018-19	Kajuwadi Outreach Immunization activity and Family Health Survey Khopoli	Khopoli Outreach Programme	3	4
2018-19	Unnat Bharat Abhiyan Household Survey Dhodhani	Rural Health Training Center (RHTC)	2	6
2018-19	National Nutrition Week Celebration Khopoli	Khopoli Outreach Programme	4	5
2018-19	Unnat Bharat Abhiyan Household	Rural Health Training Center (RHTC)	4	6

	Survey Dhodhani			
2018-19	Unnat Bharat Abhiyan Household Survey	Rural Health Training Center (RHTC)	3	6
2018-19	Unnat Bharat Abhiyan Household Survey Dhodhani	Rural Health Training Center (RHTC)	4	6
2018-19	Unnat Bharat Abhiyan Household Survey Tawarwadi, dehrang	Rural Health Training Center (RHTC)	2	6
2018-19	Unnat Bharat Abhiyan Household Survey Dhamni	Rural Health Training Center (RHTC)	2	5
2018-19	IEC Activity- Vaccination CBD Belapur	Urban Health Training Centre (UHTC)	2	1
2018-19	Unnat Bharat Abhiyan Household Survey Dehrang, Tawarwadi	Rural Health Training Center (RHTC)	5	5
2018-19	ANC Check Up ( As a part of Pradhan Mantri Matritva Yojana) panvel	Rural Health Training Center (RHTC)	5	3
2018-19	IEC Activity on Antenatal Exercises and Nutrition in Pregnancy Khopoli	Khopoli Outreach Programme	2	3
2018-19	IEC Activity- Vector borne diseaes CBD Belapur	IEC Activity-	2	1
2018-19	National Leprosy Survey training Khopoli	Khopoli Outreach Programme	4	10
2018-19	LEC Survey Khopoli	Khopoli Outreach Programme	3	10
2018-19	Multi Diagnostic Camp Khalapur	MJPJAY	5	1
2018-19	Multi Diagnostic Camp Panvel	MJPJAY	2	1
2018-19	IEC Activity- common diseases in old age CBD Belapur	IEC Activity-	5	1
2018-19	Multi Diagnostic Camp Uran	MJPJAY	4	1
2018-19	Outreach Immunisation Session. Khopoli	Khopoli Outreach Programme	3	4
2018-19	Health check up: For students below the age of 15 Khopoli	Khopoli Outreach Programme	2	4
2018-19	IEC Activity: Deperssion CBD Belapur	Urban Health Training Centre (UHTC)	3	6
2018-19	District Health Mela Karjat	Community Medicine	3	49

2018-19	Camp at MPASC College	Community Medicine	5	3
2018-19	Outreach Immunisation Session. Khopoli	Khopoli Outreach Programme	3	5
2018-19	Health Education: Hand washing and Personal Hygiene and nutrition importance. Khopoli	Khopoli Outreach Programme	2	5
2018-19	IEC Activity: Contraception and family planning CBD Belapur	Urban Health Training Centre (UHTC)	3	6
2018-19	MJPJAY Camp Karjat	MJPJAY	4	2
2018-19	Health Education: Importance of immunisation. Khopoli	Khopoli Outreach Programme	3	6
2018-19	IEC Activity: Personal Hygiene CBD Belapur	Urban Health Training Centre (UHTC)	4	6
2018-19	Immunisation Survey Khopoli	Khopoli Outreach Programme	3	6
2018-19	Health Education: Personal hygiene during menstruation. Khopoli	Khopoli Outreach Programme	4	6
2018-19	Health Education: Exercises to be done during pregnancy. Khopoli	Khopoli Outreach Programme	4	4
2018-19	MJPJAY Camp Panvel	MJPJAY	4	2
2018-19	Outreach Immunisation Session. Khopoli	Khopoli Outreach Programme	5	5
2018-19	IEC Activity: Dengue Fever CBD Belapur	Urban Health Training Centre (UHTC)	3	6
2018-19	Health Education: Importance of Antenatal checkup Khopoli	Khopoli Outreach Programme	5	5
2018-19	IEC Activity: Breast cancer awareness CBD Belapur	Urban Health Training Centre (UHTC)	5	7
2018-19	Outreach Immunisation Session. Khopoli	Khopoli Outreach Programme	3	5
2018-19	Health check up. Khopoli	Khopoli Outreach Programme	2	5
2018-19	IEC Activity: Leprosy CBD Belapur	Urban Health Training Centre (UHTC)	5	6
2018-19	Health Education Topic : Menstrual Hygiene and	Khopoli Outreach Programme	2	2

	Menstrual Problems Khopoli			
2018-19	Health EducationTopic:Balanced Diet in Pregnancy Khopoli	Khopoli Outreach Programme	5	5
2018-19	Health EducationTopic: Impotance of Breastfeeding, Immunization. Khopoli	Khopoli Outreach Programme	4	6
2018-19	Antenatal Exercises Demonstration of Antenatal Exercises by the Physiotherapist. Khopoli	Khopoli Outreach Programme	5	7
2018-19	Sensitization Programme Sensitization of Hospital staff and patients regarding MR vaccination Campaign Khopoli	Khopoli Outreach Programme	2	8
2018-19	MJPJAY Camp Pen	MJPJAY	3	2
2018-19	Health Education Topic :Calcium and Iron Supplementation in Pregnancy Khopoli	Khopoli Outreach Programme	2	6
2018-19	Antenatal ExercisesDemonstration of Antenatal Exercises by the Physiotherapist. Khopoli	Khopoli Outreach Programme	5	6
2018-19	Health EducationTOPIC- Complimentary Feeding Khopoli	Khopoli Outreach Programme	5	6
2018-19	Health Check up. Khopoli	Khopoli Outreach Programme	4	6
2018-19	Outreach Immunisation Session. Khopoli	Khopoli Outreach Programme	3	6
2018-19	IEC Activity:Diabetes CBD Belapur	Urban Health Training Centre (UHTC)	2	6
2018-19	MJPJAY Camp Karjat	MJPJAY	2	2
2018-19	Pulse Polio Immunization Session. Monitoring of the fixed immunization booths in all areas of Khopoli	Khopoli Outreach Programme	2	1
2018-19	MJPJAY Camp	MJPJAY	4	2

2018-19	Pulse Polio Immunization Session. Door to door survey Khopoli	Khopoli Outreach Programme	2	4
2018-19	Health Education- Exercises to be done during pregnancy. Khopoli	Khopoli Outreach Programme	2	1
2018-19	Health Education :Calcium and Iron Supplementation in Pregnancy Khopoli	Khopoli Outreach Programme	4	3
2018-19	Antenatal Exercises: Demonstration of Antenatal Exercises by the Physiotherapist. Khopoli	Khopoli Outreach Programme	2	4
2018-19	IEC Activity: Epilepsy CBD Belapur	Urban Health Training Centre (UHTC)	3	6
2018-19	MR Vaccination Phase I Khopoli	Khopoli Outreach Programme	2	9
2018-19	Health Education- Menstral Problems and early Health Care. Khopoli	Khopoli Outreach Programme	2	6
2018-19	IEC Activity: Oral cancer awareness CBD Belapur	Urban Health Training Centre (UHTC)	5	6
2018-19	IEC Activity: AIDS Awareness CBD Belapur	Urban Health Training Centre (UHTC)	5	6
2018-19	Immunization at Dhodani	Rural Health Training Center (RHTC)	5	3
2018-19	MJPJAY Camp Alibaug	MJPJAY	3	2
2018-19	ANC and Paediatric Checkup camp at NERE PHC Panvel	Rural Health Training Center (RHTC)	2	6
2018-19	ANC and Paediatric Checkup camp at NERE PHC Panvel	Rural Health Training Center (RHTC)	5	7
2018-19	Camp at Gaghashwar Village Panvel	MJPJAY	4	1
2018-19	Health Education Khopoli	Khopoli Outreach Programme	5	3
2018-19	Involvement in MR campaign Karjat	Rural Health Training Center (RHTC)	5	2
2018-19	IEC Activity: Disabilities CBD Belapur	Urban Health Training Centre (UHTC)	3	4
2018-19	MJPJAY Camp Pen	MJPJAY	2	3
2018-19	NHM camp at Kashele, Tal. Karat, Dist. Raigad	Department	5	6
2018-19	IEC Activity:	Urban Health Training Centre (UHTC)	5	4



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	Osteoporesis CBD Belapur			
2018-19	Visit for routine checkup at Bayiti old Age home	Rural Health Training Center (RHTC)	5	1
2018-19	MJPJAY Camp Khalapur	MJPJAY	4	3
2018-19	MR Vaccination Phase II Khopoli	Khopoli Outreach Programme	2	5
2018-19	IEC Activity: Diarrhoea CBD Belapur	Urban Health Training Centre (UHTC)	5	4
2018-19	Geriatric health checkup camp	MGMNBCON & MGM Hospital	10	2
2018-19	Door to door health education	Wavanje Gram Panchyat	19	3
2018-19	Tree plantation drive	MGMIHS & MGMNBCON	83	2
2018-19	Exhibition-Breast feeding week	MGMNBCON & MGM Hospital Kalamboli	40	6
2018-19	Poster competetion - breast feeding week	MGMNBCON & MGM Hospital Kalamboli	40	6
2018-19	Exhibition-Breast feeding week	MGMNBCON & MGM Hospital Kamothe	21	3
2018-19	Role play- breast feeding week	MGMNBCON & MGM Hospital Kamothe	21	3
2018-19	Village adoption	MGMNBCON & Ministry of human resource and development	10	1
2018-19	Survey	MGMNBCON & Preventive and social medicine dept MGMIHS	75	1
2018-19	Role play	MGMNBCON & MGM Hospital Kamothe	15	2
2018-19	Guest lecture	MGMNBCON & MGMIHS	15	2
2018-19	Awareness workshop	MGMNBCON & MOHAN foundation	40	3
2018-19	Awareness session	MGMNBCON & Rescue Research And Training Charity Trust	108	3
2018-19	Drawing competetion	MGMNBCON & MGMIHS	5	nil
2018-19	Role play	MGMNBCON & Regional mental hospital thane	28	2
2018-19	MR Vaccination	MGMNBCON & Gov of India	30	5
2018-19	Health checkup camp	MGMNBCON & MGM Hospital Kalamboli	5	1
2018-19	Awareness session	MGMNBCON	50	3
2018-19	Pulse polio campaign	MGMNBCON & Gov of India	47	1
2018-19	Awareness talk	MGMNBCON & Dept of Psychiatry MGM Hospital Kamothe	74	1
2018-19	Kerala flood relief	MGMNBCON & MGMIHS	5	1
2018-19	Skit- Beat plastic campaign	MGMNBCON & Ramky Biohazard Prevention Department	20	4
2018 - 19	Blood donation camp	Kalikamata Mandir Pen	4	2
2018 - 19	Blood donation camp	Balaji Garden Koperkhairane	4	2
2018 - 19	Blood donation camp	Ganesh Mandal , Kalamboli	4	2
2018 - 19	Blood donation camp	Karanjade Mitra Mandal	4	2
2018 - 19	Blood donation camp	Kutch Yuvak Sangh Panvel	5	2

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2018 - 19	Blood donation camp	Roadpali Ganesh Mandal	4	2
2018 - 19	Blood donation camp	Yuva Ganesh Mandal, Vashi	5	2
2018 - 19	Blood donation camp	Blue Dart Taloja	4	2
2018 - 19	Blood donation camp	Ramsheth Thakur College	4	2
2018 - 19	Blood donation camp	Fatima Banu Nhava Sheva	4	2
2018 - 19	Blood donation camp	Gram Panchayat Pagote	4	2
2018 - 19	Blood donation camp	Tarun Muiatra Mandal	4	2
2018 - 19	Blood donation camp	Maharashtra Malyalum Asso.	4	2
2018 - 19	Blood donation camp	Shree Jagadguru Maharaj	4	2
2018 - 19	Blood donation camp	Kandelpada	4	2
2018 - 19	Blood donation camp	Jai Bhavani Mandir Kalamboli	4	2
2018 - 19	Blood donation camp	Tukaram Maharaj Kamothe	4	2
2018 - 19	Blood donation camp	Abhijit Patil Grp, Mohpada	4	2
2018 - 19	Blood donation camp	Shiv Panel Shivkar	4	2
2018 - 19	Blood donation camp	Indian Maritime Kharghar	4	2
2018 - 19	Blood donation camp	Vishwa Hindu Parishad, Kalamboli	4	2
2018 - 19	Blood donation camp	Vishwa Hindu Parishad Tondre	4	2
2018 - 19	Blood donation camp	Jain Samaj Kalamboli	4	2
2018 - 19	Blood donation camp	Kutch Yuvak Sangh, Panvel	4	2
2018 - 19	Blood donation camp	Jain Mahasangh Manasarovar	4	2
2018 - 19	Blood donation camp	Kutch Yuvak Sangh Vashi	4	2
2018 - 19	Blood donation camp	ONGC Company Panvel	4	2
2018 - 19	Blood donation camp	HDFC Bank& ITM Panvel	4	2
2018 - 19	Blood donation camp	Seervi Samaj Karanjade	4	2
2018 - 19	Blood donation camp	Reliance Patalganga	4	2
2018 - 19	Blood donation camp	Unite Charetible kharghar	4	2
2018 - 19	Blood donation camp	Tarun Mitra Mandal Dombivali	4	2
2018 - 19	Blood donation camp	ONGC Company Uran	4	2
2018 - 19	Blood donation camp	Lubrizol Copmany Turbhe	5	2
2018 - 19	Blood donation camp	Bhandhil Sangatna Kal	4	2
2018 - 19	Blood donation camp	Dental College Kamothe	5	2
2018 - 19	Blood donation camp	Hi-Tech Carbon Patalganga	4	2
2018 - 19	Blood donation camp	Mahalaxmi Mandir Kharghar	4	2
2018 - 19	Blood donation camp	Jain Mandhir Vashi	4	2
2018 - 19	Blood donation camp	Pisyotherpy Kamothe	4	2
2018 - 19	Blood donation camp	Shiv Premi Mitra Chowk	4	2
2018 - 19	Blood donation camp	Shiv sena Pen	4	2
2018 - 19	Blood donation camp	Mr. Amol Birthday	4	2
2018 - 19	Blood donation camp	Ultratech Cement ltd JNPT	4	2
2018 - 19	Blood donation camp	Arshiya Limited, Sai village	4	2
2018 - 19	Blood donation camp	Recitel India Pvt Taloja	4	2
2018 - 19	Blood donation camp	Indalco Company Taloja	4	2
2018 - 19	Blood donation camp	ONGC Company Uran	4	2
2018 - 19	Blood donation camp	Majgaon Village Raysani	4	2
2018 - 19	Blood donation camp	Jito Navi Mumbai	4	2
2018 - 19	Blood donation camp	Bhimraj Mitra Karjat	4	2
2018 - 19	Blood donation camp	Mylon Comp Taloja	4	2
2018 - 19	Blood donation camp	Kutch Yuvak Sangh Panvel	4	2
2018 - 19	Blood donation camp	Curch Adhi panvel	4	2
2018 - 19	Blood donation camp	Kutch Yuvak Sangh Vashi	4	2
2018 - 19	Blood donation camp	Jain Mandir Poynad	4	2

2018 - 19	Blood donation camp	KYS & Chalk malk Panvel	4	2
2018 - 19	Blood donation camp	Mangleswari Mata Kal	4	2
2018 - 19	Blood donation camp	Tarun Mitra Mandal Dombivali	4	2
2018 - 19	Blood donation camp	Shriwardhan	4	2
2018 - 19	Blood donation camp	Kutch Yuvak Sangh Pen	4	2
2018 - 19	Outreach Activity: Vit A supplementation Khopoli	Khopoli Outreach Programme	2	1
2018 - 19	Screening for developmental disorders nere	Rural Health Training Center (RHTC)	2	4
2018 - 19	Immunization outreach Khopoli	Khopoli Outreach Programme	nil	2
2018 - 19	Health Check-Up Camp and Immunization Activity nere	Rural Health Training Center (RHTC)	2	2
2018 - 19	Pradhan Mantri surakshit Matritva abhiyan nere	Rural Health Training Center (RHTC)	3	8
2018 - 19	Immunization outreach Khopoli	Khopoli Outreach Programme	3	2
2018 - 19	IEC Activity: Personal Hygeine Khopoli	Khopoli Outreach Programme	2	2
2018 - 19	Immunization Activity & Health check-up nere	Rural Health Training Center (RHTC)	4	2
2018 - 19	IEC Activity: HIV Belapur	Urban Health Training Centre (UHTC)	4	1
2018 - 19	Multi diagnostic Health camp Jamrut khar	MJPJAY	2	2
2018 - 19	Health check-up Camp Dodhani nere	Rural Health Training Center (RHTC)	4	2
2018 - 19	Immunization Activity & Health check-up nere	Rural Health Training Center (RHTC)	5	2
2018 - 19	Immunization outreach Session Khopoli	Khopoli Outreach Programme	5	2
2018 - 19	General health checkup	Khopoli Outreach Programme	5	2
2018 - 19	Health Education - Skit nere	Rural Health Training Center (RHTC)	8	4
2018 - 19	Inauguration of drinking water project NERE	Rural Health Training Center (RHTC)	5	2
2018 - 19	Health Check-Up Camp and Immunization Activity NERE	Rural Health Training Center (RHTC)	4	2
2018 - 19	IEC Activity Belapur	Urban Health Training Centre (UHTC)	4	1
2018 - 19	Pradhan Mantri surakshit Matritva abhiyan nere	Rural Health Training Center (RHTC)	7	5

2018 - 19	A Health Survey conducted on Tobacco consumption NERE	Rural Health Training Center (RHTC)	6	2
2018 - 19	IEC Activity Belapur	Urban Health Training Centre (UHTC)	4	1
2018 - 19	IEC Activity Belapur	Urban Health Training Centre (UHTC)	2	1
2018 - 19	Multi diagnostic Health camp Akurli	MJPJAY	2	2
2018 - 19	Health check-up Camp NERE	Rural Health Training Center (RHTC)	4	2
2018 - 19	General Health check-up Camp NERE	Rural Health Training Center (RHTC)	4	2
2018 - 19	General Health check-up Camp NERE	Rural Health Training Center (RHTC)	5	2
2018 - 19	General Health check-up Camp NERE	Rural Health Training Center (RHTC)	5	2
2018 - 19	IEC Activity Belapur	Urban Health Training Centre (UHTC)	3	1
2018 - 19	Multi diagnostic Health camp NERE	MJPJAY	9	2
2018 - 19	Multi diagnostic Health camp NERE	Rural Health Training Center (RHTC)	13	2
2018 - 19	Health Camp CBD BELAPUR	Urban Health Training Centre (UHTC)	6	1
2018 - 19	Multi diagnostic Health camp Khopoli	MJPJAY	16	2
2018 - 19	Urban Health Training Centre (UHTC) activity Tuberculosis Belapur	Urban Health Training Centre (UHTC)	2	1
2018 - 19	IEC activity Khopoli	Khopoli Outreach Programme	4	2
2018 - 19	IEC activity Khopoli	Khopoli Outreach Programme	2	2
2018 - 19	IEC activity and immunization session Khopoli	Khopoli Outreach Programme	5	2
2018 - 19	IEC activity ramabai nagar	Urban Health Training Centre (UHTC)	2	1
2018 - 19	Health check up and immunization session Khopoli	Khopoli Outreach Programme	3	2
2018 - 19	IEC activity Khopoli	Khopoli Outreach Programme	4	2
2018 - 19	Pulse Polio Immunization Khopoli	Khopoli Outreach Programme	5	2
2018 - 19	IEC activity	Khopoli Outreach Programme	6	2
2018 - 19	Pulse Polio Immunization Khopoli	Khopoli Outreach Programme	8	2
2018 - 19	Pulse Polio Immunization Khopoli	Khopoli Outreach Programme	3	2
2018 - 19	Multi diagnostic Health camp Ladivali	MJPJAY	11	2

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2018 - 19	IEC ACTIVITY Khopoli	Khopoli Outreach Programme	4	2
2018 - 19	School Health Check up Camp Boregaon	Dept.	23	1
2018 - 19	Pulse Polio Immunization Kamothe	Dept.	17	2
2018 - 19	IEC activity Khopoli	Khopoli Outreach Programme	8	2
2018 - 19	Pulse Polio Immunization Khopoli	Khopoli Outreach Programme	4	2
2018 - 19	IEC activity Khopoli	Khopoli Outreach Programme	5	2
2018 - 19	Multi diagnostic Health camp NERE	MJPJAY	10	2
2018 - 19	IEC ACTIVITY: imp of complimentary feeding Khopoli	Khopoli Outreach Programme	4	1
2018 - 19	IEC activity: vitamin A deficiency Belapur	Urban Health Training Centre (UHTC)	2	1
2018 - 19	BLOOD DONATION CAMP SANPADA	Urban Health Training Centre (UHTC)	5	1
2018 - 19	World Anti - Tobacco Day	Department of Preventive and Community Medicine, MGM Medical College	1	5
2018 - 19	Nere PHC Antenatal camp	Department of Preventive and Community Medicine, MGM Medical College	1	1
2018 - 19	World Environment Day	Department of Preventive and Community Medicine, MGM Medical College		2
2018 - 19	Blood donation drive	Blood bank, MGM Medical College	30	1
2018 - 19	International Yoga day	International Research and Health Centre, CBD Belapur	37	1
2018 - 19	Health Awareness	Organized by MGM New Bombay College of Nursing in collaboration with Panvel Municipal Corporation School dated 07.04.2019.	40	1
2018 - 19	National Health Programme	Conducted by MGM New Bombay College of Nursing in collaboration with Panvel Municipal Corporation Hospital on 15.06.2019	36	1
2018 - 19	School Health Checkup	Sanskar balak mandir.A,bad	40	2
2018 - 19	Camp was organized near panchawati	Camp was organized by OPHTHALMOLOGY dept in Collaboration Ashok Patil	2	2
2018 - 19	School Health Checkup	MGM school,Padegaon A,bad	4	2
2018 - 19	Measle and AFP workshop	WHO, UNICEF	20	10
2018 - 19	National Population Day Skit Play	OPD , urban health and training center ajabnagar	23	2
2018 - 19	National Population Day Seminar	Community Medicine	43	2
2018 - 19	National Population Day poster exhibition	OPD , urban health and training center ajabnagar	43	2

2018 - 19	School health check up at cloverdale school	Community Medicine dept	2	2
2018 - 19	sensitization of Measles - Rubella Vaccination campaign	Dyotan hall mgm medical college	20	4
2018 - 19	MJPJAY Camp at Naigaon	MJPJAYGovt Scheme	8	3
2018 - 19	world breast feeding day celebration	Pediatric department	10	15
2018 - 19	School Health check up at Gaikwad Global School	community medicine dept	3	6
2018 - 19	Health Awareness Lecture by Dr Sudhir Kulkarni, TOPIC: Tips for Healthy Kidney & Organ Donation Awareness, Beneficiary: 95 + Company employees	Jainex Aamcol Ltd, MIDC Chikalhana, Aurangabad	2	1
2018 - 19	world breast feeding week -Skit at railway station, Abd..& UG, PG Quiz	Pediatric department	10	15
2018 - 19	world breast feeding week Lecture at N8 CIDCO	Pediatric department	10	15
2018 - 19	world breast feeding week celebration, Poster presentation & Slogans competition for Nurses	Pediatric department	10	15
2018 - 19	world breast feeding week celebration, Lecture by Dr. Taru Jindalon breast feeding practices	Pediatric department	10	15
2018 - 19	world breast feeding week celebration	Pediatric department	10	15
2018 - 19	world breast feeding week ,Lecture &Skit at OPD	Pediatric department and OBGY dept	10	15
2018 - 19	world breast feeding week ,Lecture &Skit at ANC PNC ward	Pediatric department & OBGY dep	10	15
2018 - 19	MPJAY Camp maliwada	Jeevandayi rajya arogya soc.	11	3
2018 - 19	School Health Checkup at Kids I.T. School A, bad	dept.community medicine	40	1
2018 - 19	Multi Diagnostic Camp	Bhadra Maruti sansthan Khultabad	20	5

2018 - 19	STRESS M/M for old people ,Nanded	Psychiatry Dept	2	1
2018 - 19	health check up camp at MGM institute of bioscience	community medicine dept	5	4
2018 - 19	MPJAY Camp Pisadevi	Jeevandayi rajya arogya soc.	10	3
2018 - 19	Organ Donation Awareness talk / Cadaver donor's relatives felicitation	GMC Aurangabad,Nephrology dept	2	1
2018 - 19	STRESS M/M for female SRPF, Aurangabad	Psychiatry Dept	2	1
2018 - 19	Swachhata Pakhwada	Pediatric dept.MGM &Cloverdale school	2	2
2018 - 19	Nutrition Week Programme	Ellora PHC.	4	1
2018 - 19	Nutrition Poster week programme	AjabNager	4	1
2018 - 19	Nutrition Poster week programme at ZP school	dept.Community Medicine	2	1
2018 - 19	Skoda camp	ophthalm dept. MGM medical college & Skoda	2	4
2018 - 19	Emergency health checkup at BAMU	dept.Community Medicine	2	3
2018 - 19	Sensetization of MR campaign	dept.Community Medicine& WHO	11	6
2018 - 19	Mega camp	Ankush Tope Trust & MGM medical college	6	2
2018 - 19	Rickets update	Pediatrics Dept	2	15
2018 - 19	School Health Checkup Sanskar school,jadhav wadi A,bad	Community Medicine dept	6	2
2018 - 19	Multi-Diagnostic Camp	Pathardi Dist. Ahamad Nager.	8	2
2018 - 19	Health checkup camp	Institute of bioscience Technology MGM, Gandheli.	3	4
2018 - 19	Skoda camp at Dhonkheda,TqAbd	ophthalm dept. MGM medical college & Skoda	4	2
2018 - 19	School Health Checkup	Vidya Arnyam Gandheli.	3	2
2018 - 19	Organ Donation Awareness talk	SRPF camp Jalna / Civil Surgeon Jalna	2	1
2018 - 19	MPJAY Camp Sultanpur Tq, Khultabad	Jeevandayi rajya arogya soc.	10	2
2018 - 19	Childrens day celebration,Healthy baby compitition	Pediatric dept.MGM &Cloverdale school	8	6
2018 - 19	Organ Donation Awareness talk	MGM's Jawaharlal Neharu Engineering college, Aurangabad	2	1
2018 - 19	AIDS Awareness campaign	PHC Daulatabad	2	2
2018 - 19	AIDS Awareness	PHC Ellora	2	2

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	campaign			
2018 - 19	AIDS Awareness campaign	PHC Waluj	2	2
2018 - 19	Street play rally poster exhibition on AIDS	Ajabnagar ,MGM OPD	26	6
2018 - 19	mobile camp MGM	Lion.s club, ophthalm dept, aranagabad	11	4
2018 - 19	Sharadkumar dixit plastic surgery camp	Padmashri sharad kumar dixit society &MGM medical college,Abd	15	5
2018 - 19	Medical Service with Ambulance at Terna Highschool N6 cidco	Community Med.dept	6	1
2018 - 19	MJPJAY Camp at undangaon	Govt Scheme	7	3
2018 - 19	Medical Service with Ambulance	jeevandayi rajya arogya soc.	7	2
2018 - 19	Stress M/M for polytech, JNEC	WHO, UNICEF	5	4
2018 - 19	MPJAY camp bidkin	Krushi vidhnan kendra, gandheli,auranagabad	10	2
2018 - 19	School Health Checkup Modern school,jubilee park	dept.community med	6	1
2018 - 19	Avishkar chawk health check up camp	Jeevandayi rajya arogya soc.	14	1
2018 - 19	Skoda camp at limbgaon	ophthalm dept. MGM medical college & Skoda	2	4
2018 - 19	Street play rally poster exhibition on leprosy skin disease	Ajabnagar ,MGM OPD	30	6
2018 - 19	Mega multi diagnostic camp watur	By subhash Hajare &MGM Abad	16	5
2018 - 19	Mega multi diagnostic camp watur	Bal thakre janm shatabdi mahotsov samiti, auranagabad	5	1
2018 - 19	health check up camp	Matoshree old age home. paithan road, auranagabad	5	4
2018 - 19	Breast Cancer Conquerors meet with Dr. Chintamani on	OBYG Dept, MGM	2	1
2018 - 19	Organ Donation Awareness talk / Cadaver donor's relatives felicitation and marathon for organ donation	MGM Masicon hall	2	1
2018 - 19	Breast Cancer Awareness Talk on MGM Radio on occasion of World Cancer Day on 4th Feb. 2019	General Surgery	2	1



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2018 - 19	Health talk & poster exhibition on Leprosy and skin diseases.PHC daulatabad & ZP school daulatabad	daulatabadPHC , Community Medicine MGM	4	2
2018 - 19	Organ Donation Awareness talk	kalagram Aurangabad.	2	1
2018 - 19	Organ Donation Awareness talk / Cadaver donor's relatives felicitation and marathon for organ donation	SRM College of Social work Chandrapur/Sant Rohidas arogya jendta aurangabad	2	1
2018 - 19	Exam stress M/M for, Aura International school	Psychiatry Dept	2	3
2018 - 19	School Health Checkup	Vidya Arnyam Gandheli.	3	2
2018 - 19	Health check up camp bodka,	distric hokey asso. Auranagabad	3	1
2018 - 19	Health check up camp antarvely	Dayasagar foundation,kedgaon,tal.daund	6	1
2018 - 19	Organ Donation Awareness talk / Cadaver donor's relatives felicitation and marathon for organ donation	Dattaji bhale blood bank, aurangabad	2	1
2018 - 19	Maha Arogya Melaya" - Breast cancer awarens	General Surgery	2	1
2018 - 19	health check up camp bindon	Municipal co-operation, aurangabad	4	1
2018 - 19	rare disease awareness day	pediatric department	30	15
2018 - 19	School Health Checkup	Vidyadeep Balgruha	14	1
2018 - 19	Health Check Up Camp at G.Y. pathrikar college	Community med dept	8	3
2018 - 19	international womens day	PHC Ellora,Dept.Community Medicine	2	2
2018 - 19	Breast Cancer Awareness Programme at LIC Divisional Office, Aurangabad on 8th March 2019	General Surgery	2	1
2018 - 19	international womens day at Dyotan Hall MGM	Psychiatry Dept	6	2
2018 - 19	international womens day at community medicine MGM	community medicine MGM	30	8
2018 - 19	Perinatology Meet	Pediatic & OBGY dept	20	8
2018 - 19	Health checkup camp	MGM Institute of Management	11	3

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2018 - 19	MJPJAY camp, ganori, phulmri	G Y patrikar college of information technology, MGM campus, auranagabd	4	1
2018 - 19	Breast Cancer Awareness at Shejal Adhar Niketan on 13th March 2019, Aurangabad.	General Surgery	2	1
2018 - 19	Cancer Awareness Programme at Dr. Farah Hospital, Aurangabad,	General Surgery	2	1
2018 - 19	Rang Manache 1 <sup>st</sup> , Rukmani Hall, JNEC	Psychiatry Dept	2	6
2018 - 19	Rang Manache 2 <sup>nd</sup> , Rukmani Hall, JNEC	Psychiatry Dept	2	4
2018 - 19	School Health Checkup	Oxford school,aurangabad	6	1
2018 - 19	DOWN SYNDROME at yellow school	pediatric department	5	5
2018 - 19	Sarva Rog Nidan Shibir Paithan	Nath Pratisthan	2	3
2018 - 19	MPJAY Camp at gagegaon,tq-phulambri	Jeevandayi rajya arogya soc.	10	4
2018 - 19	World TB Day celebration at PHC Warud Kazi	Warud kazi PHC	3	1
2018 - 19	World TB Day celebration at PHC Daultabad	Daultabad PHC	3	1
2018 - 19	World TB Day celebrations at PHC Ellora	Ellora PHC	3	1
2018 - 19	World TB Day celebrations at UHC Ajab Nagar	Ajab Nagar	3	1
2018 - 19	World TB Day celebration at PHC Waluj	WALUJ UHC	3	1
2018 - 19	Organ Donation Awareness talk	Mangal papers,Aurangabad.	2	1
2018 - 19	Autism Awareness	Psychiatry Dept	2	1
2018 - 19	Autism Awareness at OPD premises MGM	pediatric department	5	5
2018 - 19	Autism Awareness at Rukhmini hall MGM	pediatric department	5	5
2018 - 19	Autism Awareness	Rukminidevi Autism Foundation	20	5
2018 - 19	Transforming childhood through mental health at Thane	Psychiatry Dept	2	3
2018 - 19	women and cancer talk organised by Sakhi saheli Group, aurangabad	General Surgery	2	1

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2018 - 19	Camp at Ladsawangi on	Camp was organized under Mahatma Phule Jan Aarogya Yojna by MGM's Medical College, Ophthalmology Dept., Aurangabad	2	
2018 - 19	world immunization week	MGM OPD	3	1
2018 - 19	world immunization week & World malaria Day	PHC Ellora	3	1
2018 - 19	world immunization week	Daultabad PHC	3	1
2018 - 19	world immunization week	dayton hall	3	1
2018 - 19	world immunization week	WALUJ UHC	3	1
2018 - 19	world immunization week	Warud kazi PHC	3	1
2018 - 19	World Dengue Day	PHC Ellora	3	1
2018 - 19	World hypertension Day	Warud kazi PHC	2	2
2018 - 19	Health check up camp at vitthal mandir, Abd	Dept. community medicine	2	4
2018 - 19	World Anti Tobacco Day	Phc Warud Kazi	4	
2018 - 19	World Anti Tobacco Day	Urban Health Training Centre (UHTC) Ajabnagar	4	2
2018 - 19	World Anti Tobacco Day	Phc Daulatabad	4	
2018 - 19	World Anti Tobacco Day	Phc Ellora	4	
2018 - 19	World Anti Tobacco Day	Mgm Hospital	15	12
2018 - 19	World Yoga Day	Phc Warud Kazi	4	2
2018 - 19	Camp was organized at Patoda	Camp was organized by OPHTHALMOLOGY dept in Collaboration with Institute of Management N.S.S students	2	
2018 - 19	Camp at Daulatabad on	Camp was organized under Mahatma Phule Jan Aarogya Yojna by MGM's Medical College, Ophthalmology Dept., Aurangabad	2	
2018 - 19	School Health Checkup	Steeping Stone School	14	1
2018 - 19	World drug abuse Day	Phc Warud Kazi	4	2
2018 - 19	Measle and AFP workshop	WHO, UNICEF	20	6
2018 - 19	Measle and AFP workshop	WHO, UNICEF	20	6
2018 - 19	MPJAY Camp Jatwada	Jeevandayi rajya arogya soc.	10	4
2018 - 19	MPJAY Camp Naygaon	Jeevandayi rajya arogya soc.	8	3
2018 - 19	School Health Checkup	MGM School padegon	10	1
2018 - 19	Workshop for Corporation's	OBGY Dept, MGM & Sanvad Setu Pratishtan, Aurangabad	2	1

	Teachers Aurangabad			
2018 - 19	Workshop for Corporation's Teachers Aurangabad at Cloverdale High School, MGM	OBGY Dept, MGM & Sanvad Setu Pratishthan & Rajya Mahila Aayog, Aurangabad	2	1
2018 - 19	ORS day celebration	pediatric department	2	1
2018 - 19	Blood Donation Camp	Shanishinganapur	1	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	Blood Donation Camp	Deogiri College A'bad	2	2
2018 - 19	Blood Donation Camp	Ajtdada Pawar Polytechnic College	2	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	Blood Donation Camp	Bhadra Maroti Mandir Khultabad	1	1
2018 - 19	Blood Donation Camp	Swami Samarth Mandir Shivaji Nagar	4	2
2018 - 19	Blood Donation Camp	Santsena Bhavan	1	1
2018 - 19	Blood Donation Camp	Shanishinganapur	1	1
2018 - 19	Blood Donation Camp	Hdfc Bank Vaijapur	1	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	Organ Donation Awareness talk	Shri Sadguru Gangageer Maharaj Science, Gautam Arts & Sanjivani Commerce College, Kopargaon.	2	1
2018 - 19	Organ Donation Awareness talk	Atma Malik International School, Kopargaon.	2	1
2018 - 19	Lecture on "Acts & Schemes for women" in workshop for teachers at S.B College, A'bad	MGM & Rajya Mahila Aayog	2	1
2018 - 19	Lecture for post adolescent girls at ITI, a'bad	MGM & ITI, A'bad	2	1
2018 - 19	Lecture on Gender Sensitisation at Shreyas Engineering, Satara, Aurangabad	OBGY Dept, MGM & Shreyas Engineering, Aurangabad	2	1
2018 - 19	World Breastfeeding Week	Ellora, Daultabad, Warudkazi	3	1
2018 - 19	Blood Donation Camp	Mit College N-4 Cidco	2	1
2018 - 19	Blood Donation Camp	Baramati Agro Kannad	2	1
2018 - 19	Blood Donation Camp	Deogaon Rangari	2	1
2018 - 19	Blood Donation Camp	Reliable	2	1

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2018 - 19	Blood Donation Camp	Sai Mandir Hudco A'bad	2	1
2018 - 19	Blood Donation Camp	Devgri College Eng	2	1
2018 - 19	Blood Donation Camp	Fors Elestrong Waluj	2	1
2018 - 19	Blood Donation Camp	Jnec College A'bad	2	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	General health Checkup at BAMU Campus	Ashwamedh Intersports Competition & Department of Community Medicine MGM MCH Aurangabad	3	1
2018 - 19	Skoda camp	SAIPAL Pvt Ltd.	4	2
2018 - 19	MJPJAY Camp, Padegaon	Govt Scheme	8	2
2018 - 19	Multi Diagnostic Camp at Ankushnagar	In Association with MGM Medical College : General Surgery	5	1
2018 - 19	Multi Diagnostic Camp	Bhadra Maruti Ankush Nager.	10	9
2018 - 19	Organ Donation Awareness talk	Dnyan Prabodhan Carriar Academy Aurangabad.	2	1
2018 - 19	Organ Donation Awareness talk	Shree Vyankatraman Balaji Mandir Aurangabad.	2	1
2018 - 19	Lecture on Sex Education for NSS student, JNEC, Aurangabad	OBGY Dept, MGM & JNEC, MGM, Aurngabad	2	1
2018 - 19	Lecture at SIES (Graduate School of Technology, New Mumbai) on Gender Sensatisation	OBGY Dept, MGM & SIES, Mumbai	2	1
2018 - 19	hand washing and personal hygiene for children	Clover Dale school, MGM1	16	15
2018 - 19	Blood Donation Camp	Dr. G.Y . Pathrikar College	2	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	Blood Donation Camp	Shivaji Engg College Parbhani	2	1
2018 - 19	Blood Donation Camp	Seiman Company Midc Waluj	2	1
2018 - 19	Blood Donation Camp	Matsyotdari Engg College Jalna	2	1
2018 - 19	Blood Donation Camp	Tirupati Park	1	1
2018 - 19	Blood Donation Camp	N-9 Cidco	1	1
2018 - 19	Blood Donation Camp	Dr. G.Y. Patrikar College Mgm	1	1
2018 - 19	Blood Donation Camp	Shivaji Engg College Parbhani	2	1
2018 - 19	Blood Donation Camp	B. Pharmacy College Pathri	1	1

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2018 - 19	Blood Donation Camp	Jnec College	2	1
2018 - 19	Blood Donation Camp	Varad Ganesh Mandir Samarth Nagar	1	1
2018 - 19	Blood Donation Camp	Jounralisam College	1	1
2018 - 19	MJPJAY Camp	Govt Scheme	8	3
2018 - 19	School Health Checkup	Kids World millat Jinsi.A,bad	40	2
2018 - 19	hand washing and personal hygiene for children	Clover Dale school, MGM1	3	1
2018 - 19	Parents awareness in school under WHO MR campaign	WHO, UNICEF	3	1
2018 - 19	Lecture on "----- Hand Washing---- for class iv female servants of MGM's school	MGM's Clover Dale & Sanskar School	3	1
2018 - 19	Lecture at Vivekanand College on "How to live happily"	OBGY Dept, MGM & Vivekanand College, Aurangabad	2	1
2018 - 19	Hand Wash Day Exhibition	PHC Ellora	3	1
2018 - 19	Hand Wash Day Exhibition	Health Center Gandehali	4	1
2018 - 19	Hand Wash Day Exhibition	Health Center Daulatabad	3	1
2018 - 19	Parents awareness in school under WHO MR campaign	WHO, UNICEF	10	15
2018 - 19	Blood Donation Camp	Dr. G.Y. Pathrikar College Mgm	1	1
2018 - 19	Blood Donation Camp	Bhadra Maruti Khultabad	1	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	Blood Donation Camp	Mshesh Mall	1	1
2018 - 19	MPJAY Camp Ektune Tq Paithan	Jeevandayi rajya arogya soc.	8	2
2018 - 19	"DISHA" Workshop for Adolescent at Desarda High School	OBGY Dept, MGM & Sanvad Setu Pratishthan, Aurangabad	2	1
2018 - 19	Blood Donation Camp	Laxmimata Mandir N-6 Cidco	2	1
2018 - 19	Blood Donation Camp	Hotel Ajanta Ambasader Cidco	2	1
2018 - 19	Blood Donation Camp	Sanya Motors	1	1
2018 - 19	Blood Donation Camp	Jaibhavani High School Jyoti Nagar	1	1
2018 - 19	Blood Donation Camp	C.P. Office A'bad	2	1
2018 - 19	Blood Donation	Shanishinganapur	1	1

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	Camp			
2018 - 19	Multidiagnostic camp	MGM medical college	4	1
2018 - 19	Health checkup camp	Geetai Institute of Management Bidkan Tq Paithan	11	3
2018 - 19	Dr. Sharad Pawar multi-Diagnostic Camp.	MGM Hospital OPD	8	2
2018 - 19	MPJAY Camp Dongergaon	Jeevandayi rajya arogya soc.	12	3
2018 - 19	Ladies Health Checkup Camp	Paleswadi Tq Khultabad	9	3
2018 - 19	School Health Rose bud school	N-1 cidci A,bad		
2018 - 19	Organ Donation Awareness Press Conference	Department of Nephrology MGM Medical College & Hospital, Aurangabad	2	1
2018 - 19	Organ Donation Awareness talk	Forbes India Pvt Ltd. Company B-13 Area, MIDC, Waluj Aurangabad.	2	1
2018 - 19	Organ Donation Awareness talk & Displayed the show of Phir Zindagi movie	Department of Physiology MGM Medical College & Hospital, Aurangabad	2	1
2018 - 19	Blood Donation Camp	Mshesh Mall	1	1
2018 - 19	Blood Donation Camp	Sharad Pawar College Bed By Pass	1	1
2018 - 19	Blood Donation Camp	Shanishinganapur	1	1
2018 - 19	Blood Donation Camp	Gandheli Mgm Agri College	2	1
2018 - 19	Blood Donation Camp	Sillod	1	1
2018 - 19	Blood Donation Camp	Shanishinganapur	1	1
2018 - 19	Blood Donation Camp	Sillod	2	1
2018 - 19	Blood Donation Camp	Sillod	2	1
2018 - 19	Blood Donation Camp	Shanishinganapur	2	1
2018 - 19	MJPJAY	Govt Scheme	8	2
2018 - 19	MJPJAY	Govt Scheme	7	2
2018 - 19	Facility based newborn care	WHO, UNICEF		
2018 - 19	Blood Donation Camp	Waluj Midc A'bad	1	1
2018 - 19	Blood Donation Camp	Shani Shingnapur	1	1
2018 - 19	Blood Donation Camp	Khivansara Park Ulkanagari A'bad	2	2
2018 - 19	Blood Donation Camp	Avishkar Chowk N-6 Cidco	2	1
2018 - 19	Blood Donation Camp	Deulgaon Raja	2	1
2018 - 19	health checkup camp sansar nagar	Dayasagar foundation,kedgaon,tal.daund	6	1

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2018 - 19	health checkup camp bansilal nagar	Municipal co-operation, aurangabad	4	1
2018 - 19	MPJAY camp, sauda colony,jatwada road	college of food technology, gandheli	8	1
2018 - 19	health check up camp, chavni,auranagabad	Jeevandayi rajya arogya soc.	6	1
2018 - 19	Organ Donation Awareness talk	Sanvad setu pratishthan, Aurangabad	2	1
2018 - 19	Sexuality Education	WHO, UNICEF	4	4
2018 - 19	Workshop for adolescent	OBGY Dept, MGM & Kabra College, Aurangabad	2	1
2018 - 19	Workshop for adolescent	OBGY Dept, MGM & Cloverdale High School, Aurangabad	2	1
2018 - 19	"Skill Enhancement for ANC" Lecture for Anganwadi workers from Waluj, Daulatabad	OBGY Dept, MGM & Cloverdale High School, Aurangabad	2	1
2018 - 19	Breast Cancer Awareness Talk	General Surgery	2	1
2018 - 19	organ donation awareness marathon	General Surgery	2	1
2018 - 19	Breast Cancer Awareness Marathon on 3rd Feb. 2019	General Surgery	2	1
2018 - 19	IMNCI	pediatric department	15	15
2018 - 19	Facility based newborn care	WHO, UNICEF	15	15
2018 - 19	"Walk N Water"	Sant Nirankari Charitable Foundation, Cidco, A'bad	2	35
2018 - 19	Essay Competition	MGM's SBS, A'bad	2	15
2018 - 19	Blood Donation Camp	Galaxy Diagnostics Pvt Ltd	1	1
2018 - 19	Blood Donation Camp	Bajaj Auto Waluj	2	2
2018 - 19	Multidiagnostic	MGM medical college	5	2
2018 - 19	Multidiagnostic	MGM medical college	5	2
2018 - 19	MJPJAY	Govt Scheme	12	3
2018 - 19	health check up camp	Vidhyadeep balgrah, auranagabad	4	2
2018 - 19	School Health Checkup	MBA college, MGM campus.	5	2
2018 - 19	LECTURE ON "Gender sensitisation" for UG MBBS at MGM	OBGY Dept, MGM & Jamnagar Bajaj Foundation, waluj	2	1
2018 - 19	cancer in women program	General Surgery	2	1
2018 - 19	Blood Donation Camp	Endurance Compuny Waluj	2	1
2018 - 19	Blood Donation Camp	Sindangaon Beed	2	1
2018 - 19	Organ Donation Awareness talk	Helping hands	3	1
2018 - 19	Corporation Health Check up Camp	Sadhatnagar, Corporation school, Aurangabad	3	1



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2018 - 19	world health day talk	shendhra gaon, aurangabad	3	1
2018 - 19	MJPJAY camp	Ladsangvi, aurangabad	3	1
2018 - 19	De-Addiction lecture for camp pack	Psychiatry Dept	2	1
2018 - 19	Blood Donation Camp	Sindangaon Beed	1	1
2018 - 19	Blood Donation Camp	Jambuvont Gadh Tq. Ambad	1	1
2018 - 19	Blood Donation Camp	Nagad Tq. Kannad	2	1
2018 - 19	Deaddiction From Social Median And Psychological Issues In Adolescents	Podar International School	Nil	1
2018 - 19	World Hearing Day - Hearing Awarness	Mgm Medical College, Aurangabad	23	5
2018 - 19	Free Cataract Surgery Camp	N.S.S. Mgm Institute Of Management.	2	1
2018 - 19	Awareness About First Aid And Cardiac Arrest Resuscitation (Cols)	Divyayog Sadhana Mandal	Nil	2
2018 - 19	Compression Only Life Support Training	Divyayog Sadhana Mandal	Nil	4
2018 - 19	Compression Only Life Support Training	Divyayog Sadhana Mandal	Nil	4
2018 - 19	Health Check Up Camp	Municipal Corporation	8	
2018 - 19	World Health Day Talk	Phc Warud Kazi	4	
2018 - 19	Mpjay Camp	Mpjay Society	18	
2018 - 19	World Immunization Week	Mgm Hospital	15	6
2018 - 19	World Immunization Week	Phc Ellora	4	1
2018 - 19	World Immunization Week	Phc Daulatabad	5	1
2018 - 19	Immunization Workshop	Municipal Corporation	120	12
2018 - 19	World Immunization Week	Health Center Waluj	4	1
2018 - 19	World Immunization Week	Warud Kazi	4	
2018 - 19	Health Checkup Camp	Local Corporator	4	1
2018 - 19	Blood Donation Camp	Jnec College	1	1
2018 - 19	Blood Donation Camp	Shanishingnapur	1	1
2018 - 19	Blood Donation Camp	Jambuwant Gadh Tq. Ambad	1	1
2018 - 19	Blood Donation Camp	Sharp Eng	1	1
2018 - 19	Blood Donation Camp	Shanishingnapur	1	1
2018 - 19	Blood Donation Camp	Shanishingnapur	2	1

2018 - 19	Blood Donation Camp	N-6 Cidco	2	1
2018 - 19	Blood Donation Camp	Premium Comp Ltd	2	1
2018 - 19	Blood Donation Camp	Parner	2	1
2018 - 19	Blood Donation Camp	Shanishingnapur	2	1
2018 - 19	Blood Donation Camp	Shanishingnapur	2	1
2018 - 19	Blood Donation Camp	Shanishingnapur	2	1
2018 - 19	Blood Donation Camp	Rukmini Hall Jnec	2	1
2018 - 19	Blood Donation Camp	Varad Ganesh Mandir	2	1
2018 - 19	Blood Donation Camp	Shanishingnapur	2	1
2018 - 19	Blood Donation Camp	Shanishingnapur	2	1

## Publications in Peer Reviewed Index Journals

1<sup>st</sup> January 2018 to 31<sup>st</sup> December 2018

### MGM Medical College, Navi Mumbai :-

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4. Dhir M, Biyani A, Sinha S, Bhusare D. Blue can save blue. Paripex- Indian Journal of Research 2018; 7(11): 39-40.
5. Kumar AS, Patni N, Wagh P J, Kadlas D. Risk factors and road traffic accidents on Mumbai -Pune expreesway. Indian Journal of applied Research 2018; 8(1): 55-57.
6. Kumar AS, Patni N, Kadlas D, Vyawahare R. Retrospective study of operated cases of traumatic brain injury in MGM Medical College and Hospital Navi Mumbai. International Journal of Scientific Research 2018; 7(1): 465-466.
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16. Bavikar P S, Dattarai M K. Acute lung injury after exposure to fumes of pickling paste in a fabrication worker. Indian Journal of Occupational and Environmental Medicine 2018; 22(1):54-56.
17. Baviskar P, Kusalkar S, Ghanekar J. Study of microalbuminuria in patients with Hypertension. Journal of Medical Science and Clinical Research 2018; 6(10): 756-760.
18. Bhandar S, Sudip Regmi S, Dhakal N, Gautam G, Karki S, Sanjeeb Shrestha S, Potdar P, Badade Z. Evaluation of serum adenosine deaminase, lactate dehydrogenase and ceruloplasmin during anti-tuberculosis treatment. EC Microbiology 2018; 14(10):694-698.
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22. Biyani V. Echocardiographic comparison in diastolic failure patients with and without left ventricular hypertrophy. Journal of Cardiovascular Medicine and Surgery 2018; 4(2): 165-169.

23. BS Rajan S Kohli S S. Short-term and long-term effects of interferential therapy and russian current on pain and quadriceps muscle strength in post operative lower limb fractures. *International Journal of Health Sciences and Research* 2018; 8(5); 162-168
24. Chakrabarti S, Ghosh S, Qayyumi BN, Malik A, Nair D, Nair S, Chaturvedi P, Agrawal J P. Besides and beyond histopathology; For adjuvant treatment in early tongue cancer. *Indian Journal of Medical and Paediatric Oncology* 2018; 39(3); 355.
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### **MGM School of Physiotherapy, Aurangabad:-**

1. Shukla M, Lohade P, Walimbe V. Effect of Short term Resistance exercises using elastic resistance band versus aerobic exercises in obese patient. *International Journal of Yoga, Physiotherapy & Physical Education* 2018; 1(3):177-180.
2. Prevalance of risk factors associated with neck pain among current undergraduate medical students in Aurangabad a cross sectional study. *International journal of adopted physical education & yoga* 2018; 3(6):1-7.



3. Patel K, Bid DD, T Ramalingam, Shahanawaz SD. Effectiveness of Yoga over Conventional Physiotherapy Treatment on functional outcome in patients with knee osteoarthritis. *MOJ Yoga & Physical Therapy* 2018; 3(3): 54-57.

## **MGM Medical College, Navi Mumbai**

### **Conference Organized**

1. National Conference on Quality Benchmarks in Health Sciences Education, organized by Department of Internal Quality Assurance Cell , MGM Institute of Health Sciences, Auditorium, 3<sup>rd</sup> Floor , MGM Institute of Health Sciences, Navi Mumbai, 17<sup>th</sup> -18<sup>th</sup> February 2018, Navi Mumbai . Co-ordinators: Subhash Dubahsi, Rajesh Goel.
2. Surgpatho national Conference organized by Department of Surgery and Pathology MGM Medical College, MGM Institute of Health Sciences, 23<sup>rd</sup> -24<sup>th</sup> March 2018, Auditorium, 3<sup>rd</sup> Floor, MGM Institute of Health Sciences, Kamothe, Navi Mumbai, Co-ordinators: Dr. Subhash Dubahsi and Shilp Sahu.
3. International Endospine Cadaveric Trading workshop and Liver surgery Conference, Transformational Stitchless spine Surgery Under Local Anesthesia, organized by Department of Orthopedics, MGM Medical College, MGM Institute of Health Sciences, 22<sup>nd</sup> -24<sup>th</sup> June 2018, Auditorium, 3<sup>rd</sup> Floor, Co-ordinators: Dr. Alfen Vivera, Dr. Salgotra.

## Consultation:

Consultancy During 2018-2019					
	Name Of The Consultancy	Name of the Advisory /R&D consultancy/ clinical trial project	Consulting / Sponsoring Agency With Contact Details	Year	Revenue Generated (Inr In Lakhs)
<b>2018-19</b>					
1	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Hercules Hosists Ltd	2018-19	0.02000
2	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Health India TPA Service Pvt Ltd	2018-19	5.96522
3	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Inga Health Foundation	2018-19	48.82328
4	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Jyotish Care Center	2018-19	43.99735
5	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Lions Club	2018-19	0.18400
6	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	MDR TB	2018-19	12.71694
7	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Medi Assist India Tpa Pvt Ltd	2018-19	12.93720
8	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Mylan Laboratory Ltd	2018-19	0.03000
9	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	Nexus Laboratory	2018-19	2.81752
10	MGM Medical college & Hospital Navi Mumbai	Testing Of Air Sterilizer In Ems-ICU	Quinton Aom Pvt. Ltd, Jogeshwari, Mumbai	2018-19	0.24000
11	Skills Lab , MGM Medical college & Hospital Navi Mumbai	ALS Training	MGM Medical college & Hospital Navi Mumbai	2018-19	1.07
12	Skills Lab , MGM Medical college & Hospital Navi Mumbai	BLS Training	MGM Medical college & Hospital Navi Mumbai	2018-19	0.81
13	Skills Lab , MGM Medical college & Hospital Navi Mumbai	BLS ACLS Training	MGM Medical college & Hospital Navi Mumbai	2018-19	13.11000
14	Skills Lab , MGM Medical college & Hospital Navi Mumbai	BLS ACLS Training	MGM CBD Hospital Navi Mumbai	2018-19	0.16800
15	Skills Lab , MGM Medical college & Hospital Navi Mumbai	BLS Provider Training	MGM Medical college & Hospital Navi Mumbai	2018-19	0.98000
16	MGM School of Biomedical Sciences Navi Mumbai	Effect Of Iron Oxide Nanoparticale Plant Growth In Spinach	Ms Saisha (Pillai College Student)	2018-19	0.15000

17	MGM Medical college & Hospital Navi Mumbai	Ethical Committee Consultation	Yash raj Biotech	2018-19	0.30000
18	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	AHF	2018-19	3.12844
19	MGM Medical college & Hospital Navi Mumbai	Medical Health Check Up	MGM Medical College And Dr. Baba Saheb Ambedkar Hospital, Khopoli	2018-19	4.28550
20	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	MGM Executive Hcu	2018-19	1.23098
21	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	MGM 41 - 50 Hcu	2018-19	0.27859
22	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	MGM Cardiac Hcu	2018-19	0.28800
23	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	MGM Sports Club	2018-19	0.22000
24	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	MGM Master Hcu	2018-19	0.08400
25	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	MGM 21 - 40 Hcu	2018-19	0.06600
26	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Bank Of Baroda Hcu	2018-19	0.11000
27	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	CA Hcu	2018-19	0.11575
28	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Can Pack Pre Employment	2018-19	0.80086
29	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Jai Janardhan Hcu	2018-19	2.73000
30	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Kohler Pre Employment	2018-19	0.08050
31	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	LIC Hcu	2018-19	1.21500
32	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Myalon Hcu	2018-19	6.26154
33	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Pf Office Hcu	2018-19	0.31000
34	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Hospira Pfizar Hcu	2018-19	16.98034
35	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Lemon Tree Vaccination	2018-19	0.05700
36	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Walk In Pre Employment	2018-19	0.87779
37	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Samsung Hcu	2018-19	0.04600
38	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Siemens Connect & Heal	2018-19	1.25600
39	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Additional Tests	2018-19	0.02600
40	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Giants Group Hcu	2018-19	1.44446
41	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Group A Office Hcu	2018-19	0.14000
42	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Jain Engineers Hcu	2018-19	0.98400
43	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Praxair Hcu	2018-19	0.11600

44	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Teacher Hcu	2018-19	0.01600
45	MGM Medical college & Hospital Aurangabad	Medical Health Check Up	Taj Hotel Hcu	2018-19	0.04035
46	MGM Medical college & Hospital Aurangabad	Clinical Trial	Grapecity Research Solution LLP	2018-19	2.90160
47	MGM Medical college & Hospital Aurangabad	Clinical Trial	Grapecity Research Solution LLP	2018-19	0.05182
48	MGM Medical college & Hospital Aurangabad	Clinical Trial	Grapecity Research Solution LLP	2018-19	1.89810
49	MGM Medical college & Hospital Aurangabad	Clinical Trial	Grapecity Research Solution LLP	2018-19	2.40192
50	MGM Medical college & Hospital Aurangabad	Clinical Trial	JSS Clinical Research Limited	2018-19	0.88776
51	MGM Medical college & Hospital Aurangabad	Clinical Trial	Ardent clinical research	2018-19	1.14952
52	MGM Medical college & Hospital Aurangabad	Clinical Trial	JSS Clinical Research Limited	2018-19	0.67500
53	MGM Medical college & Hospital Aurangabad	Clinical Trial	Ardent clinical research	2018-19	4.52250
54	MGM Medical college & Hospital Aurangabad	Clinical Trial	Grapecity Research Solution LLP	2018-19	1.54495
55	MGM Medical college & Hospital Aurangabad	Clinical Trial	Ardent clinical research	2018-19	2.19915
56	MGM Medical college & Hospital Aurangabad	Clinical Trial	Ardent clinical research	2018-19	1.30734
57	MGM Medical college & Hospital Aurangabad	Clinical Trial	Sun Pharma	2018-19	1.87470
58	MGM Medical college & Hospital Aurangabad	Clinical Trial	SIRO Clinpharma Pvt Ltd	2018-19	0.40000
59	MGM Medical college & Hospital Aurangabad	Clinical Trial	SIRO Clinpharma Pvt Ltd	2018-19	0.20000
60	MGM Medical college & Hospital Aurangabad	Clinical Trial	Accutest Research Lab Pvt Ltd	2018-19	0.40000
61	MGM Medical college & Hospital Aurangabad	Clinical Trial	IQVIA Clinical Research	2018-19	0.39999
62	MGM Medical college & Hospital Aurangabad	Clinical Trial	BDR Pharmaciticales	2018-19	0.21000
63	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Pharmaciticales Research	2018-19	0.20000
64	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Ardent clinical research	2018-19	0.20000
65	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Sanofi clinical research	2018-19	0.40000
66	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Lambda Therapeutic Research Limited	2018-19	0.40000
67	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Sanofi clinical research	2018-19	0.20000
68	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Sun Pharma Advanced Research Company Ltd (SPARC)	2018-19	0.20000

69	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Sun Pharma Advanced Research Company Ltd (SPARC)	2018-19	0.40000
70	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Accutest research lab	2018-19	0.40000
71	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	Macleods	2018-19	0.40000
72	MGM Medical college & Hospital Aurangabad	Ethical Committee Consultation	GleNavi Mumbaiark Pharmaceutical Ltd	2018-19	0.20000

### Awards for Extension activity

1. Institute is committed for **Prime Minister's National Mission of 'Swachh Bharat Abhiyan**. **MGMHS received First rank for Swachh Campus Ranking 2019** of HEI's by MHRD.
2. Long-standing research and contribution to community services in the field of **Tuberculosis Programme has been recognized by Directorate of Health Services of Government of Maharashtra in 2019**.
3. MGM Medical college was awarded **"Excellence in Community Engagement"** by **Association of Health Care Provider, India (AHPI) in Global Conclave in 2019**
4. Awards Received for **Best Hospital and Medical College at Raigad district by Lokmat** in 2019.
5. MGM Hospital received **National award for the excellence in health care and from last 5 years been the consistent receiver of all India Critical Care Hospital ranking survey** by Times Health Survey.
6. MGM Medical College, Navi Mumbai have achieved 3rd Rank in **National Swachh Campus Ranking 2018 of HEI's for maintaining, promoting and encouraging the culture of 'SWACHHATA'** by MHRD.
7. **Outstanding contribution by the institution in Kerala flood relief mission** was recognized by State Government of Kerala.
8. **World Health Organization selected 2 PG students for improving quality of Measles-Rubella campaign** in Raigad as monitors in 2018.
9. **Participation of students in Swachhata Sarvekshan in 2018 is also recognized by Pannel Municipal Corporation**. Students of Aurangabad campus have participated in Swachh Bharat Internship to amplify mass awareness on cleanliness and cement the people's movement and clinched 4 best intern awards by the MHRD, Government of India.

10. **National prizes awarded to several students including 1st and 6th ranks** in survey on Gandhian Values by Delhi based NGO “**Re Think India**” in 2018 on the occasion of 150th Birth Anniversary Year of father of the Nation Mahatma Gandhi..
11. MGM hospital conferred **Panvel Bhushan** awarded at various forums.

## MGM MEDICAL COLLEGE & HOSPITAL, NAVI MUMBAI

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

### VISION & MISSION

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

**"PATIENT CARE ALWAYS COMES FIRST"**



## Message from the Dean



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

- "A" Grade from the year 2014.

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

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

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

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



## ACADEMIC

### February

- Increase of seats in various postgraduate degrees Course in lieu of Surrender of concerned Diploma seats, letter by MCI, New Delhi dated 01.02.2019
- Dr. Shewale Hemesh Ramchandra, MD (Anaesthesiology) Passed in April 2017. Got Fellowship in Chronic Pain Medicine at Lilavati Hospital & Research Centre, Mumbai under MUHS on February 2019
- Dr. Hussain Syed Faraaz S. Senior Resident of Ophthalmology department, Got Fellowship in Vitreo-Retinal Surgery (FCRS) at TNMC Mumbai under MUHS in February 2019
- Dr Dogra Surabhi Davinder, MD Paediatrics Passed in April 2018, got Fellowship Course "Paediatric Gastroenterology, Hepatology & Nutrition" in Lokmanya Tilak Municipal Medical College, Sion Mumbai in February 2019
- Second MBBS (3rd Semester) Parent Teacher Meeting on 13 & 22 February 2019
- Integrated Teaching of VI Semester (UG) Topic : Xerophthalmia and Vitamin "A" on 16<sup>th</sup> February 2019

## ACADEMIC

### February

- Conducted AHA Certified BLS PALS provider & BLS PALS ACLS Instructor Courses, 16 to 20.02.2019
- Curriculum Implementation support program attended by Dr. R. S. Inamdar, HoD (13-15 Feb) Physiology, Dr. Jaishree Ghanekar, HOD Medicine (13-15 Feb), Dr. Siddharth Dubhashi, HoD Surgery (13-15 Feb), Dr Ipseeta Ray, Professor of Pharmacology (20-25 Feb) at GSMC KEMH MCI Nodal Centre in February 2019
- XTASY 2019 (Student's Annual Festival) 25<sup>th</sup> Feb to 3<sup>rd</sup> March 2019
- Joined Dr. Priyanka Tiwari in Fellowship in Minimally Invasive Gynecological
- Joined Dr. Rohit Vyavhare in Fellowship in Critical Care Medicine
- Joined Dr. Varsha Male in Fellowship in Critical Care Medicine



# ACADEMIC

March
<ul style="list-style-type: none"> <li>Dr. Apoorve Nayar (MBBS student 2009 batch) selected for 2019-20 Department of Surgery Interns University of IOWA Health Care, USA</li> </ul>
<ul style="list-style-type: none"> <li>Faculty Sensitization programme of Competency Based Medical Education organized by Curriculum Committee of MGM Medical College, Navi Mumbai on 7<sup>th</sup> March 2019.</li> </ul>
<ul style="list-style-type: none"> <li>Dr. Suraj Math, SR General Surgery, applied for Fellowship in Minimal Access Surgery at Edgehill University, UK</li> </ul>
<ul style="list-style-type: none"> <li>Will be apply for new Course (2019-20) MD Family Medicine MS Traumatology &amp; Surgery</li> </ul>



## 2019-2020 Department of Surgery Interns



### General Surgery Categorical Interns



### General Surgery Preliminary Interns    Cardiothoracic Intern    Vascular Surgery Intern



# Administrative

February	March
<ul style="list-style-type: none"> <li>Nodal Officer for Anti Ragging Committee, Dr. Shilpi Sahu, HoD Pathology has appointed as Dr Aruna Mukherjee Prof (E) Anatomy has retired from services on 1<sup>st</sup> February 2019</li> </ul>	<ul style="list-style-type: none"> <li>Hon'ble Medical Director's Monthly meeting of the Hospital on 06.03.2019</li> </ul>
<ul style="list-style-type: none"> <li>Done pre-assessment of NABH on 9<sup>th</sup> to 10<sup>th</sup> February 2019</li> </ul>	<ul style="list-style-type: none"> <li>Complaint Number ARCC/MH-5235 shows closed as per ARCC Website (Anaesthesiology JR SR Issues)</li> </ul>
<ul style="list-style-type: none"> <li>Done re-assessment NABL on 16-17 February 2019</li> </ul>	<ul style="list-style-type: none"> <li>Hospital Visited by Charity Commissioner Team from Alibag on 13.03.2019</li> </ul>
<ul style="list-style-type: none"> <li>Medical Education Unit has been appointed as member Dr. Haritha Kumari &amp; Dr. Rita Khadkikar</li> </ul>	

# Research

- February**
- **Conference EPICON 2019 & MAHAEM 2019** was held from 2<sup>nd</sup> to 6<sup>th</sup> February 2019. Accredited 8 points from MMC
  - **PEDICON 2019** (National Conference) Workshop on Communication Skill & Renal Replacement Therapy (RRT) organized by Paediatric Dept with association with Indian Academy of Paediatrics on 6<sup>th</sup> February 2019
  - 1<sup>st</sup> One Day Conference "CCTS 2019 "Cardiac Care Technology students and Technologists" by MGM SBS alongwith Cardiology & CVTS dept on 8<sup>th</sup> February 2019
  - 2018-19 PG Student's Dissertation : out of 66 approved 62 by Scientific Committee & forwarded to Institution Ethical Committee's Approval



- March**
- Workshop on Radiology & Related Orthopaedics Tutorial will be held on 23 to 24 March 2019 (Accredited by 3 MMC Points)
  - World TB Day CME 2019 scheduled on 27<sup>th</sup> March 2019 (applied for MMC points)

# Outreach / Extension program

- Khopoli Outreach Programme month of February 2019 (Total specialtywise patients is 838 & referred patients 70).
- Report of Collection Centre at Municipal Hospital, Khopoli (Feb. 2019) Rs. 36500/- deposited.



## Accreditation / Award

- MGM Medical College Navi Mumbai has been selected for India's Education Excellence Award 2018 by Berkshire Media, USA
- TRINITY 2019 organized by LTM Medical College, Sion, our MBBS students selected in prize nomination in "Medical Short Film"
- Alumni of MGM Dr. Soumya Tiwari award Mrs. India South Africa 2018 & Smile Foundation Ambassador South Africa.



## INFRASTRUCTURE

- Staff Quarter at Kalamboli work progress till 15<sup>th</sup> April 2019
- Will be apply MEU Nodal Centre at MGM Medical College, Navi Mumbai for that old skill lab space given to MEU Nodal Centre



## Administrative

- 100% charity for Annual Health Check-up for Employee approved by Medical Director on 05.03.2019
- Email from DTO Alibag, State OR Committee meeting under RNTCP for medical colleges has been organized on 4th April, 2019 at Disha hall, Parivartan Building, Arogyabhavan, Vishrantwadi, Pune at 11.00 AM, attended by Dr. Pradip Potdar, HoD Respiratory Medicine
- Medical Negligence Committee Meeting attended by Dr. Pankaj Patil (OBGY), Dr Vishwas Sathe (Anaesthesiology), Dr. Bhaimangesh Naik (General Medicine) Dr Nilesh Vishwakarma (Orthopaedics) & Dr Rakesh Thamke (Paediatrics) on 9<sup>th</sup> April 2019

## ACADEMIC

- CURRICULUM IMPLEMENTATION SUPPORT PROGRAM OF THE COMPETENCY BASED Undergraduate Medical Education Curriculum (MBBS) Program Curricular Governance on 04.03.2019
- CISP workshop at Regional Centre of MCI, Seth G. S. Medical College attend by Dr G S Narshetty, Dean of MGMMCNM & Dr Seema Anjenaya, Professor of Community Medicine on 3<sup>rd</sup> to 5<sup>th</sup> April 2019
- World Health Day 2019 "Walk" (Prabhat Pheri) on 7<sup>th</sup> April 2019 (Sunday) at Panvel in collaboration with Panvel City Municipal Corporation organized by Community Medicine Dept
- IAPSM WHO Quiz 2019 conducted on 10<sup>th</sup> April 2019 by Community Medicine Dept



## Research

- Dr. D. B. Bhusare, Dr. Amrit Kejriwal & Dr. Ipseeta Ray were applied for MGMIHS Best Scientific Award (Faculty)
- Dr. Rohit Sane were applied for MGMIHS Best Scientific Award (PG)
- Dr. Suheil Mohd Dharse Assistant Professor of Cardiology will be attend Conference in USA from 08.04.2019 to 23.04.2019
- Dr. Hemangi Jerajani, Prof. & HoD Dermatology will be attend International League of Dermatological Societies meeting in Italy Milan

## Outreach / Extension program

- Khopoli Outreach Programme month of March 2019 (Total specialtywise patients is 891 & referred patients 70.
- Report of Collection Centre at Municipal Hospital, Khopoli (March 2019) Rs. 38115/- deposited.



## Award

- Dr. Krishna B., Dr Anshu Sinha PG Student of MD Paediatrics & Dr Anshu Baser got 1<sup>st</sup> Prize in Bombay National Congress Conference, March 2019, theme : Genetics in clinical practice



## ACADEMIC

- The following PG Courses are starting / increase intake for the academic year 2020-21 as per MCI circular dated April 2019 will be submitting in this week (last date of submission is 31<sup>st</sup> May 2019)

Sr. No	Postgraduate Courses	Present No. of Seats recognized	To be applied for increase intake of seats
<b>New Courses</b>			
1	MD (Family Medicine)	03	
2	MS (Traumatology & Surgery)	03	
<b>Boardspecialty (Increase intake)</b>			
3	MD- Pathology	06	06 to 12
4	MD- General Medicine ( Beds – 150 + MICU & CCU- 10)	08	08 to 15
5	MD- Paediatrics (90 Beds + PICU : 08 + NICU :20)	08	08 to 15
6	MD- Anaesthesiology	08	08 to 12
7	MS- General Surgery (150 Beds)+ 10 SICU	06	06 to 15
8	MS-Orthopaedics (90 Beds)	08	08 to 12
9	MS-Obst. & Gynaec (90 Beds)+ 3 ICU	08	08 to 15
10	MD- Respiratory Medicine (30 Beds)(RICU–05)	01	01 to 03
11	MD- IHBT	01	01 to 03
12	MS-ENT (30 Beds)	02	02 to 03
13	MD- Psychiatry (30 Beds)	02	02 to 03
14	MD- Emergency Medicine (40 Beds)	02	02 to 05
15	MD- Dermatology & V.L. (30 Beds)	02	02 to 03
<b>Superspecialty</b>			
16	MCh- Urology (20 Beds)	01	01 to 03
17	DM Cardiology (20 Beds)	01	01 to 03

## ACADEMIC

- Curriculum Implementation Support Program (CISP) Workshop at Nodal Centre Seth GS Medical College, Mumbai attend by Dr. G S Narshetty, Dean, MGMMCHNM, Dr Seema Anjenaya Professor of Community Medicine on 3<sup>rd</sup> to 5<sup>th</sup> April 2019
- World Health Day 2019 Walk on 7th April 2019 (Sunday) organized by Community Medicine department in association with Panvel Municipal Corporation.
- IAPSM WHO Quiz 2019 organized by Community Medicine department, on the occasion of WHO Day
- MCI Inspection done for Renewal of recognition for MD (Physiology) & MD (Microbiology) 18.04.2019 & 15.04.2019 respectively.



WHO Day Walkathon



Quiz Contest

## ACADEMIC

- PG Induction Programme of 2019-20 batch held on 2<sup>nd</sup> to 4<sup>th</sup> May 2019, there were 60 students reported to College, under Chairmanship of Hon'ble Vice Chancellor, Dr Shashank Dalvi, Hon'ble Medical Director, Dr. S. N. Kadam. HoD & Senior Faculty Members were attended.
- First year MBBS CBME Timetable of (Pre clinical) prepared & uploaded in College Website & informed to MCI, MEU Nodal Centre Seth G S Medical College, Mumbai [https://mgmmcnm.edu.in/wp-content/uploads/2019/05/CBME\\_Final19\\_20.pdf](https://mgmmcnm.edu.in/wp-content/uploads/2019/05/CBME_Final19_20.pdf)





## ACADEMIC

- "Curriculum Implementation Support Programme (CISP) workshop held at Mahatma Gandhi Mission's Medical College, Navi Mumbai from 24 to 26 April 2019 – Nomination by MCI Dr Santosh Salagre, Prof of Medicine, Co-convenor, Nodal Centre as observer". Number of 30 Faculties were attended.



## Administrative

- College Council Committee Meeting held on 30.04.2019, Medical Supdt., of Kamothe & Kalamboli, all HoD were present.
- Medical Negligence Committee meeting on 09.04.2019 at Civil Hospital, Alibag.  
Following staff members were attended  
Medicine : Dr Bhalmangesh Naik  
OBGY : Dr Pankaj Patil  
Ortho : Dr Nilesh Vishwakarma  
Paediatrics : Dr Rakesh Thamke  
Anaesthesiology : Dr. Vishwas Sathe
- After Passing PG exam in April 2019, there were 15 students were joined the department in April-May 2019



# Administration

- Renewal of NABL Accreditation of Central Diagnostic Lab for Medical testing as per Scope (CI Biochemistry, Haematology & Immunology, Microbiology, Serology & Histopathology till 2021
- Fire Mock drill at MGM Hospital Kamothe on 15.04.2019





 National Accreditation Board for Testing and Calibration Laboratories  
 (A Government of India Quality Council of India)

15/04/2019

NABL - Mumbai

**PATIENTS/STAFF**  
 MGM MEDICAL COLLEGE HOSPITAL, CENTRAL LABORATORY  
 PLOT NO.1, AMBIC, NH-8, DACTR, KAMOTHE  
 PUNE-411 004, INDIA  
 GENERAL MANAGER/DR. B. S. JOSHI  
 MOBILE: 9779771018  
 E-mail: patients@nabl.org

**Subject: Renewal of NABL Accreditation**

Dear Sir/Madam,

I would like to inform you that NABL has completed the re-assessment report of your laboratory and pleased to share accreditation certificate with ISO 15189:2013 in the scope of (CI Biochemistry, Haematology & Immunology, Microbiology & Serology & Histopathology) and authorized signature recommendation for assessment term. However, you do a due return to laboratory within NABL 30-Day.

To study maintain record in Histopathology lab.

Also, I have given decision on the report for Emerge settings to be undertaken by ELISA Assay.

We request the authorized signatory, it is the responsibility of laboratory to take the Internal Recalibration and replace equipment. And follow legal under Civil Disobedience. Orders issued by Government, Reserve Bank in applicable and follow from date to date.

**Re accreditation certificate no. NR-1214 with valid date 2014-2019 valid till 25/04/2021 + valid possession.**

NABL 1214 which is available on our website www.nabl-india.org should be followed for any NABL Specific.

NABL is now changing its accreditation status, calibration and related information from NABL Accredited to Certified (C) CMA MAH under the calibration system through valid agreement. For more details, please refer NABL document NABL 1214 available on NABL website www.nabl-india.org under publication section.

Yours faithfully,  
 NABL Director  
 nabl@nabl.org

## Outreach / Extension program

- Khopoli Outreach Programme month of April 2019 (Total specialtywise patients is 722 & referred patients 67)



## Research

- Dr. Sunila Sanjeev, Assistant Professor of Community Medicine, has been approved for Financial Assistance to presented paper at National Workshop on Health care Waste Management, Environmental and Occupational Safety held at New Delhi on 25 to 26 April 2019
- CME on Radio-Anaesthesia Integrated NEO\* Forum (Rain), organized by Radiodiagnosis department on 20.04.2019, MMC accredited 2 points & 95 delegates registered & attended.
- The State Operational Research (OR) Committee Meeting scheduled on 04.04.2019 attended by Dr Pradeep Potdar, HoD Respiratory Medicine

## ACADEMIC

Teacher & Student's Summer vacation (May to June 2019)	
Summer Vacation of Teachers	Summer vacation of Student
1 <sup>st</sup> half : 1 <sup>st</sup> to 20 <sup>th</sup> May 2019	1 <sup>st</sup> to 20 <sup>th</sup> May 2019
21 <sup>st</sup> is common working day	
2 <sup>nd</sup> half : 22 <sup>nd</sup> May to 10 <sup>th</sup> June 2019	

## ACADEMIC

The following PG Courses are starting / increase intake for the academic year 2020-21 as per MCI circular dated April 2019, submitted to MCI, New Delhi on <b>27<sup>th</sup> May 2019</b>			
<b>New Courses</b>			
1	MD (Family Medicine)	03	
2	MS (Traumatology & Surgery)	03	
<b>Boardspecialty (Increase intake)</b>			
3	MD- Pathology	06	06 to 12
4	MD- General Medicine ( Beds – 150 + MICU & CCU- 10)	08	08 to 15
5	MD- Paediatrics (90 Beds + PICU : 08 + NICU :20)	08	08 to 15
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7	MS- General Surgery (150 Beds)+ 10 SICU	06	06 to 15
8	MS-Orthopaedics (90 Beds)	08	08 to 12
9	MS-Obst. & Gynaec (90 Beds)+ 3 ICU	08	08 to 15
10	MD- Respiratory Medicine (30 Beds)(RICU–05)	01	01 to 03
11	MD- IHBT	01	01 to 03
12	MS-ENT (30 Beds)	02	02 to 03
13	MD- Psychiatry (30 Beds)	02	02 to 03
14	MD- Emergency Medicine (40 Beds)	02	02 to 05
15	MD- Dermatology & V.L. (30 Beds)	02	02 to 03
<b>Superspecialty</b>			
16	MCh- Urology (20 Beds)	01	01 to 03
17	DM Cardiology (20 Beds)	01	01 to 03

# ACADEMIC

First MBBS Time Table Academic Year 2019-2020 (CBME) was uploaded in College Website as well as send to Medical Council of India on 1<sup>st</sup> June 2019

Research Methodology is scheduled from 24<sup>th</sup> to 28<sup>th</sup> June 2019, 1 PM onwards

## Activities – World Environment Day

- On 01.06.2019 Essay Competition for students "Tobacco & Lung Health"
- On 06.06.2019 IEC activities at Toll Naka Kharghar & Distribution of pamphlets.
- On 07.06.2019 1) Skit on World Environment Day 2019 Theme : "AIR POLLUTION" by Interns 2) Skit on – environmental protection a) Chipko Aandolan b) Bishnois c) Silent valley d) Conservation of Natural Resources
- On 08.06.2019 Drawing competition for MBBS students Theme : "AIR POLLUTION"
- From 10<sup>th</sup> to 12<sup>th</sup> Exhibition : Display of posters related to World Environment Day theme of last 10 yrs & paintings

## Photographs of Environment Day



News paper cut of Weekly Local News paper



Poster display in MGM Hospital, Kamothe



Tree Plantation Programme



Drawing Competition



Information Education Communication Activities by students



Skit by student

## ACADEMIC

- International Kaplan Faculty Dr Kevin Schuller and Dr Tenzin Jamyang from USA visited on 10.06.2019 for guiding UG students (6<sup>th</sup> & 8<sup>th</sup> Semester, Intern) about USMLE
- PG 2019-20 admission completed as on 31.05.2019 & 74 students joined the MD/MS
- Senior Resident joined after completion / passed MD /MS in May 2019
- Faculty Members promotion



Particular	Number
Senior Resident to Assistant Professor	12
Assistant Professor to Associate Professor	01

## Outreach / Extension program (International)

- Dr. Swapnil Gosavi, Assistant Professor of ENT, has participated International ENT & EYE Camp in Kenya From 8<sup>th</sup> to 22<sup>nd</sup> April 2019, camp was organized by Shree Jain Yough League of Thika in Kisumu county in the partnership with Government of Republic of Kenya



## Outreach / Extension program

- Khopoli Outreach Programme month of May 2019 (Total specialtywise patients is 770 & referred patients 79).
- Pulse Polio done in collaboration with Panvel Municipal Corporation on 16.06.2019



## ACADEMIC

The "International Day of Yoga" celebration day program was conducted at MGMIHS Auditorium on 20.06.2019 from 2-4pm. It included talk on "Sahaja Yoga for Reduction of Stress in Medical students" by Dr. Sandeep Rai, "Experience - Sahaja yoga Meditation" by Dr Mrs. Madhur Rai, yoga lecture and demonstration by Shri RP Yadav, Patanjali Yog Samiti

The program was well attended by 263 participations including faculty, staff and students of MGM medical college, Navi Mumbai, school of Biomedical sciences, Nursing, Physiotherapy units of MGMIHS, NM.

**Report & selected photos and videos of the program are being uploaded on the UGC website on 21<sup>st</sup> June 2019.**



- Research Methodology programme for PG 2019-20 batch by MEU (Total Number of students 74) from 24<sup>th</sup> to 28<sup>th</sup> June 2019.
- The PG terminal examination for 2017 batch (Paper II) & 2018 Batch (Paper I) had been conducted centrally as per BOM on 28.06.2019 to 30.06.2019. The practical exam has been conducted in respective department and result has been submitted.
- No of students 2017 : 62
- No of students 2018 : 72



- Workshop in AETCOM & RBW (approved by GSMC – KEMH – MCI Nodal Centre) was conducted by MEU from 8<sup>th</sup> to 11<sup>th</sup> July 2019. 27 participants attended the workshop.





- Faculty Development programme workshop on “Mechanics of Question Paper setting” was conducted on 21<sup>st</sup> June 2019, from 01:30 PM to 04:30 PM at Lecture Hall 2 of Medical College building

## Administrative

- Gender Sensitization Programme” was held on 21/06/2019 from 2.30 PM to 4.30 PM at University Auditorium, MGM Institute, 3<sup>rd</sup> floor, Navi Mumbai. Dr. Swati Shiradkar, Professor, Department of OBGY, MGM Medical College, Aurangabad, conducted the session, total 65 students of MGM Medical College Navi Mumbai have attended the same.
- Anti Ragging Committee meeting was held on 02.07.2019. The ARC Members & Squad boards were put up in all common places.
- Internal Complaint Committee boards are put in all common place in campus.
- The Complaint Register for reporting “Caste Based Discrimination” is been put in Medical College Office from this academic year.



## Research

- The **101<sup>st</sup> TSSULA International Conference** & Workshop organized by Orthopaedics Department from **4<sup>th</sup> to 7<sup>th</sup> July 2019**, total 126 participant attended. **(MMC Accredited 4 Points)**

Live Demo OT by International Faculty



## Research

- CME Techvoice 2019 organized by Biochemistry, Pathology & Microbiology department for PG students, lab technicians & Researcher on **12<sup>th</sup> July 2019**, total 170 participants attended the same.



## Research

- CME Techvoice 2019 organized by Biochemistry, Pathology & Microbiology department for PG students, lab technicians & Researcher on **12<sup>th</sup> July 2019**, total 170 participants attended the same.



## Outreach / Extension program

- Khopoli Outreach Programme month of June 2019 (Total specialtywise patients is 1086 & referred patients 64).
- Dr. Lalita Chavan participated in Free Medical Camp by Dr. Shri Nanasahab Dhardhikari, Pratishthan, Alibag Revdanda, Maharashtra at Tanjavur, Tamilnadu on 7<sup>th</sup> July 2019.



## MGM MEDICAL COLLEGE & HOSPITAL, AURANGABAD

### Message from Medical Director



The MGM Medical College and Hospital was set up in 1990 with a dream to be a top-positioning Center of Excellence in Medical Education and Research. Understudies moving on from the Institute will have all the expected aptitudes to convey quality medicinal services to all areas of the general public with sympathy and consideration, without preference or separation, at moderate expense. Amid late years the school has set up itself as one of the top positioning restorative school in the country. This medicinal school is among very barely any Institutes in the province of Maharashtra which offers post graduates courses in all the

restorative subjects, Super Specialty courses in five branches notwithstanding its MBBS course with a limit of 150. Amid the earlier year the school has accomplished new statures and miles stone towards getting to be a focal point of magnificence.

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

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

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

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

**Dr. Shroff Ajit Govinddas**

**Parent – Teacher Meet  
1st MBBS (Admission Batch 2018)  
Organized by IQAC - Date: 25/02/2019  
Presentation On Attendance & Examination results**



3

**1st MBBS (Admission Batch 2018) Total 58  
Parents Participated in Meeting**



4

Parent - Teacher Meet

## Dr P M Jadhav Sir Felicitated The Rank Holders Of I MBBS



5

## Awareness Program For Rare Diseases

Department of Pediatric, Date: 28.02.2019

Program was Attended by more than 30 Parents



8

## Awareness Program For Rare Diseases

Date: 28.02.2019

Program was Attended  
more than 30 Parents

by

Organised  
By  
Department of Pediatrics  
Department of  
Pediatric, Date:  
28.02.2019  
Program was



9



Hypertension and DM Screening Camp  
At Matoshree Old Age Home

Paitan Road, Nakashtrawadi, Aurangabad, Date: 03.03.2019



14

Celebration of World Breast Cancer Day  
on 04.03.2019

Dr. Aruna Karad, Department of Surgery



15

**Dr. Shivaji Pole Presentation on  
"Endovascular Surgery for Central Venous Occlusion" in National  
Conference Goa – 07 to 10 March 2019**



16

**1st Anniversary of Perinatology Meet**

Department of Pediatrics & OBGY , Date: 08.03.2019

Speakers: Dr Sandhya Kondapalle, Topic: Newborn Screening

Dr Gauri Dank , Topic ; Pediatric Gynecological Examination



18

**Celebration of International Women Day**  
Department of Psychiatry - Date: 08.03.2019



19

**Session on Sexuality**  
**Education at CANPAC Company**  
**Waluj, Aurangabad**  
By Dr. Swati Shiradkar Department of OBGY, Date: 08.03.2019



26

Dr. Deepak Bhosle, HoD of Dept. Of Pharmacology, have won Second Award in International Diabetes Summit on Scientific Paper Presentation on Canaglifozine in Patients Inadequately Controlled on Triple Drug Therapy.....  
Date: 11.03.2019



29

Felicitation of Alumni (First Batch Students) by Management  
Date: 11.03.2019



31

**Pediatric Cardiology Foundation Course  
Organized by Department of Pediatrics in Association with  
Aurangabad Academy of Pediatric**



32

**Academic Integrated Activity (Friday Activity), By MEU, MGM MCA  
Vertical Integration, Topic: Tuberculosis Part - I  
Date: 22.03.2019**



2

**Faculty Sensitization Programme  
On Curriculum Implementation Support Programme**  
Date: 19.03.2019



5

**OBGY Resident Won First Prize in Yuva Fogs at Coimbatore**  
Date: 31.03.2019



**Dr. Sushen Ghadge 3rd yr. Resident of Medicine Presented**

7

## Department of Psychiatry, Date: 24.03.2019

Performed by Dr. Ashish Mohide, Dr. Deepanjali Deshmukh, Dr. Manik Bhise and Dr. Shraddha Jadhav



12

## World TB Awareness Week -Health Talk and Poster Exhibition at MGM OPD and at PHC Ellora, Daulatabad, Varudkazi, Waluj and Ajabnagar, Department of Community Medicine, Date: 01.04.2019



13

**MPJAY Camp at Ladsangvi, Karmad, Aurangabad**  
Department of Community Medicine, Date: 10.04.2019



25

**By Student Council, MGM Medical College, Aurangabad**  
Date: 28.03.2019



29



MGMIHS ANNUAL REPORT 2018-19

Inauguration Function – Annual Gathering ,

Date: 19.03.2019



**ANUBHUTI'19**  
INAUGURATION INVITATION  
MARCH 19 - 5.30 PM AT MCM STADIUM

CHIEF GUEST:  
**DR. RAHUL KHADE**  
DCP, ZONE II, A'BAD



GUESTS OF HONOUR:

<b>DR. JIM JADHAV</b> VICE CHAIRMAN, MCM TRUST	<b>SHRI ANKUSHRAO KADAM</b> SECRETARY, MCM TRUST
<b>DR. AJIT SHROFF</b> MEDICAL DIRECTOR	<b>DR. S. BORKHA</b> DEAN
<b>DR. P. R. SURYAWANSHI</b> DEPUTY DEAN	<b>DR. C. M. GADEKAR</b> CHAIRMAN, STUDENT WELFARE COMMITTEE
<b>DR. RAJESH KADAM</b> DEPUTY REGISTRAR	<b>DR. D.N. TAYADE</b> IN-CHARGE, STUDENT WELFARE CELL

STUDENTS COUNCIL '19 AWAITING TO WELCOME YOU

32

Sports Event – Annual Gathering ,

Date: 19.03.2019 to 30.03.2019



33

**Pediatric Cardiology Foundation Course**  
Organized by Department of Pediatrics in Association with Aurangabad  
Academy of Pediatric, Date: 17.03.2019



34

**Gender Sensitization Programme Dr. Swati  
Shiradkar, Dept. of OBGY**

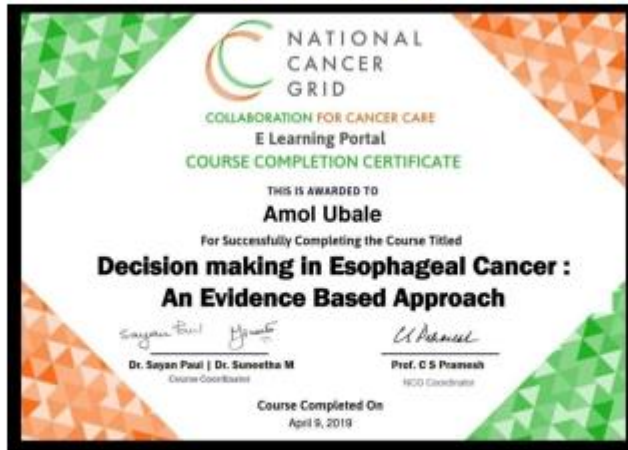
Date: 05.04.2019



36

## Esophageal Cancer An Evidence Based Approach

Date: 10.04.2019



40

## Session on Online Feedback & Code of Conduct

Organized by IQAC, Date: 19.04.2019



## CME on Hospital Infection Control Programme

Department of Microbiology, Date: 24.04.2019

4

CME on Hospital Infection Control Programme  
Department of Microbiology, Date: 24.04.2019



6



Department of Microbiology Conducted 2nd MBBS Quiz Competition

8

MGMIHS ANNUAL REPORT 2018-19

Date: 13.05.2019 to 15.05.2019



Induction Training Programme for Resident Doctors  
Date: 13.05.2019 to 15.05.2019

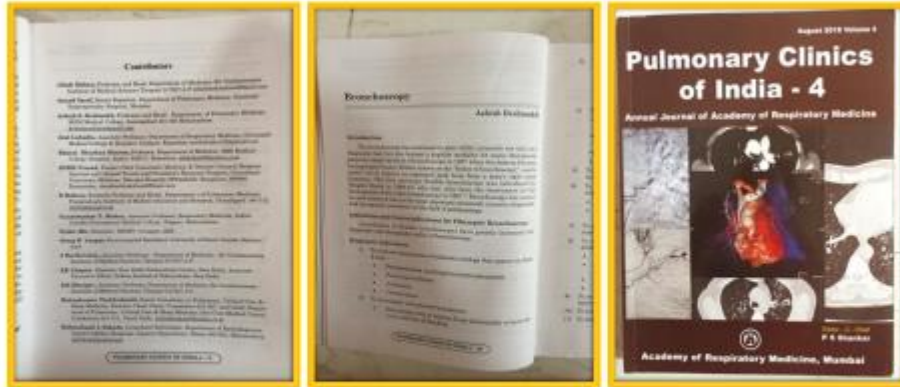
13



14

Written one Chapter on “Bronchoscopy”

Date: 14.04.2019



Medicine Resident Dr. Anirudh Shrivastav got the First Prize in Poster Presentation in “World Cardio Metabolic Conference” at Mumbai  
Date: 27.04.2019

20

World Immunization Week (23rd to 30th April 2019)  
Department of Community Medicine



Celebrated on 29/04/2019, 9-12 pm, at PHC-VARUD KAZI

Interns: Dr. Dhananjay Paga, Dr. Shubham Theng, Dr. Prajakta Jadhav, Dr. Ruchita Talreja, Dr. Shantanu Khandebharad with the Medical Officer Dr. Sarika Gaikwad, Mr. Pathan at PHC Varud Kazi.

26

Nair Hospital – Reconstructive Operative Urology Workshop  
Date: 19.05.2019



**Dr. Jiten Kulkarni, Dept. of Plastic Surgery**  
Demonstrated One Stage Repair of Hypospadias and

Guest Lecture "Management of Complications in Hypospadias Surgery"

5

**Dr. Chandrashekhar Gaike, Dept. of Orthopedics**

Delivered a Lecture in UP Orthopedic Association Spine Symposium held in Kanpur.  
Date: 09th June 2019



13



Guest Lecture by Dr Prashant Gaikwad & Dr Yatindra Astaputre  
Sevankur NGO By our MGM Alumni Students of 2003 Batch

18

**India Today & MDRA**  
Our College Ranked 37 among all Medical College of India &  
College Ranked 5 Best College with Best Male to Female Ratio

**TOP 10 EMERGING PRIVATE COLLEGES OF THIS CENTURY**

- 1 ARMY COLLEGE OF MEDICAL SCIENCES, Pune/Bombay
- 2 GEA'S LUCKNOW MEDICAL COLLEGE & HOSPITAL, Lucknow
- 3 ANMIA SCHOOL OF MEDICINE, Delhi
- 4 K. J. SOMAIYA MEDICAL ACADEMY, Varanasi
- 5 SAKSHI NARAYAN INSTITUTE OF MEDICAL SCIENCES, Varanasi
- 6 SHRI RAM MURTI TANKAR INSTITUTE OF MEDICAL SCIENCES, Jaipur
- 7 DR. K. J. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, Pune
- 8 SAVITRBA MEDICAL COLLEGE & HOSPITAL, Chennai
- 9 MANJARA BANSRI MEDICAL COLLEGE & RESEARCH INSTITUTE, Jabalpur
- 10 PUNJICHERY INSTITUTE OF MEDICAL SCIENCES, Madurai

**TOP 5 COLLEGES WITH THE BEST MALE TO FEMALE RATIO**

- 1 ARMY COLLEGE OF MEDICAL SCIENCES, Pune/Bombay
- 2 SIPAHHAN MEDICAL COLLEGE & HOSPITAL, Lucknow
- 3 MANJARA BANSRI MEDICAL COLLEGE & RESEARCH INSTITUTE, Jabalpur
- 4 GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh
- 5 MGM MEDICAL COLLEGE & HOSPITAL, Amravati

TOP 100 BEST COLLEGES - MEDICAL											
RANK	COLLEGE NAME	2017			2016			2015			TOTAL
		MBBS	POSTGRAD	OTHER	MBBS	POSTGRAD	OTHER	MBBS	POSTGRAD	OTHER	
1	ARMY COLLEGE OF MEDICAL SCIENCES, Pune/Bombay	170	170	170	170	170	170	170	170	170	170
2	SIPAHHAN MEDICAL COLLEGE & HOSPITAL, Lucknow	150	150	150	150	150	150	150	150	150	150
3	MANJARA BANSRI MEDICAL COLLEGE & RESEARCH INSTITUTE, Jabalpur	130	130	130	130	130	130	130	130	130	130
4	GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh	110	110	110	110	110	110	110	110	110	110
5	MGM MEDICAL COLLEGE & HOSPITAL, Amravati	100	100	100	100	100	100	100	100	100	100
6	GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh	90	90	90	90	90	90	90	90	90	90
7	GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh	80	80	80	80	80	80	80	80	80	80
8	GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh	70	70	70	70	70	70	70	70	70	70
9	GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh	60	60	60	60	60	60	60	60	60	60
10	GOVERNMENT MEDICAL COLLEGE & HOSPITAL, Chandigarh	50	50	50	50	50	50	50	50	50	50



**Panel Discussion on Students Suicide on Marathi News Channel (AM News)**

Dr. Ashish Mohide, Dept. of Psychiatry was a part of the Panel  
Date: 29th May 2019



29

**WORLD ANTI-TOBACCO DAY At PHC  
Warud Kazi**

Department of Community Medicine  
Date: 27th May, 2019



34



**Varsha Mangal Programme on occasion of 75<sup>th</sup> Birthday of  
Hon'ble Shri A.N. Kadam Sir**  
Date: 15th June, 2019; Venue: Rukhmini Auditorium, MGM Campus

39

**Shri Ankushrao Kadam,  
Tree Plantation By Hon'ble Dr. Shashank Dalvi Sir at Gandheli**  
Date: 15th June, 2019



41

**Inauguration of New Modular ICU by the  
hands of Hon'ble Shri A.N. Kadam Sir  
Date: 15th June, 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.Sc PT)**  
**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
<b>Bachelor of Physiotherapy BPT</b>	4-1/2	2018-2019	70	70
<b>Master of Physiotherapy MPT</b>	2	2018-2019		8
<b>PhD</b>	3	2018-2019		Nil

### Bachelor of Physiotherapy (BPT) programme

Bachelor of Physiotherapy (BPT) program, affiliated to Mahatma Gandhi Mission Institute of Health Sciences (MGM IHS), 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 program 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 several research projects at MGM School of Physiotherapy, Navi Mumbai.

#### Teaching Faculty:

Sr. No.	Designation	Staff Strength	
		Requirement as per MSOTPT	Actual (Existing)
1.	Professor	03	02
2.	Associate Professor	06	01
3.	Assistant Professor/Lecture	09	07

**Details of Teaching Faculty:**

Sr. No.	Name of the Full time teacher	Designation	Date of Appointment	Specialty
1.	Dr Rajani Mullerpatan	Professor & Director	1-Jul-08	Musculoskeletal Physiotherapy
2.	Dr Meruna Bose	Professor	29-Jun-10	Neuro Physiotherapy
3.	Dr Bela Agarwal(PT)	Associate Professor	09-Apr-12	Cardiovascular & Respiratory Physiotherapy
4.	Dr Yuvraj Singh (PT)	Assistant Professor	15-Jan-16	Musculoskeletal Physiotherapy
5.	Dr Ruturaj Shete (PT)	Assistant Professor	17-Jul-17	Musculoskeletal Physiotherapy
6.	Dr Triveni Shetty (PT)	Assistant Professor	03-Aug-15	Neuro Physiotherapy
7.	Dr Mamta S Shetty (PT)	Assistant Professor	07-Oct-17	Musculoskeletal Physiotherapy
8.	Dr Shrutika Parab (PT)	Assistant Professor	07-Oct-17	Neuro Physiotherapy
9.	Dr Juhi Bharnuke (PT)	Assistant Professor	07-Oct-17	Musculoskeletal Physiotherapy
10.	Dr Pradnya Girdhar (PT)	Assistant Professor	07-Oct-17	Musculoskeletal 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	04	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
		2018-19
1.	MGM Skills Lab, MGMIHS	AHA BLS (Provider ) Course
2.	MGMIHS, Navi Mumbai	Demonstration of Examination Process- Talk on Plagiarism
3.	MGM SOP, Navi Mumbai	Workshop on Physiotherapy in ICU
4.	MGM SOP, Navi Mumbai and World Spine Care	Prevention, early detection and management of spine disability
5.	MGM SOP, Navi Mumbai	Twin Heart Meditation

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<b>Sr. No.</b>	<b>Faculty Name</b>	<b>Designation</b>	<b>Programme/Training Attended</b>
1	Dr Bela Agarwal(PT)	Associate Professor	AHA BLS (Provider ) Course
2	Dr Raturaj Shete(PT)	Assistant Professor	AHA BLS (Provider ) Course
3	Dr Meruna Bose	Professor	Demonstration of Examination Process- Talk on Plagiarism
4	Dr Bela Agarwal (PT)	Associate Professor	Workshop on Physiotherapy in ICU
5	Dr Monal Shah (PT)	Assistant Professor	Workshop on Physiotherapy in ICU
7	Dr Rajani Mullerpatan	Professor	Prevention, early detection and management of spine disability
8	Dr Bela Agarwal(PT)	Associate Professor	Prevention, early detection and management of spine disability
9	Dr MerunaBose	Professor	Prevention, early detection and management of spine disability
10	DrShrutika Parab(PT)	Assistant Professor	Prevention,early detection and management of spine disability
11	Dr Mamta Shetty(PT)	Assistant Professor	Prevention,early detection and management of spine disability
12	Dr Raturaj Shete(PT)	Assistant Professor	Prevention,early detection and management of spine disability
13	Dr Yuvraj Singh (PT)	Assistant Professor	Prevention,early detection and management of spine disability
14	Dr Pradnya Girdhar(PT)	Assistant Professor	Prevention,early detection and management of spine disability
15	Dr Triveni Shetty(PT)	Assistant Professor	Prevention,early detection and management of spine disability
16	Dr Juhi Bharnuke(PT)	Assistant Professor	Prevention,early detection and management of spine disability
17	Dr Rajani Mullerpatan	Professor	Twin Heart Meditation
18	Dr Bela Agarwal(PT)	Associate Professor	Twin Heart Meditation
19	Dr MerunaBose	Professor	Twin Heart Meditation
20	Dr ShrutikaParab(PT)	Assistant Professor	Twin Heart Meditation
21	Dr Mamta Shetty(PT)	Assistant Professor	Twin Heart Meditation
22	Dr Raturaj Shete(PT)	Assistant Professor	Twin Heart Meditation
23	Dr Yuvraj Singh (PT)	Assistant Professor	Twin Heart Meditation
24	Dr Pradnya Girdhar(PT)	Assistant Professor	Twin Heart Meditation
25	Dr Triveni Shetty(PT)	Assistant Professor	Twin Heart Meditation
26	Dr Juhi Bharnuke(PT)	Assistant Professor	Twin Heart Meditation

**ONGOING / COMPLETED RESEARCH PROJECTS:**

Sr.No.	Name Of Institution	Ongoing	Completed
1	MGM School of Physiotherapy, Navi Mumbai	UG-0 PG-8, PhD- 2	UG-22 (Interns-15, Final year-7) PG-18, PhD: 3

**RESEARCH PUBLICATION:**

Name of Institution	International Journals	National Journals Referred Papers	University/ College Journals	Books	Abstracts	Awards, Recognition, Patents Etc.
MGM School of Physiotherapy, Navi Mumbai	16	-	-	-	-	Copyright: 1 Recognition: 2

Sr. No.	Name of the Teacher/ Student	Subject of paper	Name of Journal	Year of Publication	National/ International
1	Rajani Mullerpatan	The Global Spine Care Initiative: a systematic review for the assessment of spine-related complaints in populations with limited resources and in low- and middle-income communities	European Spine Journal	2018	International
2	Rajani Mullerpatan	The Global Spine Care Initiative: classification system for spine-related concerns	European Spine Journal	2018	International
3	Rajani Mullerpatan	The Global Spine Care Initiative: care pathway for people with spine-related concerns	European Spine Journal	2018	International
4	Rajani Mullerpatan	The Global Spine Care Initiative: resources to implement a spine care program	European Spine Journal	2018	International
5	Shrutika Parab, Meruna Bose & Sailakshmi Ganesan	Influence of Random and Blocked Practice Schedules on Motor Learning in Children Aged 6–12 Years	Critical Reviews™ in Physical and Rehabilitation Medicine	2018	International



6	Rajani Mullerpatan	The Global Spine Care Initiative: a systematic review for the assessment of spine-related complaints in populations with limited resources and in low- and middle-income communities	European Spine Journal	2018	International
7	Tosha Shah, Mamta Shetty, Meruna Bose , Rajani Mullerpatan	A Study of Fine and Manual Hand Dexterity among People with Parkinson's Disease	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
8	Rajani Mullerpatan, Juhi Bharnuke, Claire Hiller	Gait Kinematics in Bharatanatyam dancers with and without low back pain	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
9	Bela Agarwal, Manisha Advani, Robert Van Deursen, Rajani Mullerpatan	Influence of Varying Squat Exposure on Knee Pain and Function among People with Knee Osteoarthritis	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
10	Gayathri Naryanan, Meruna Bose, Shrutika Parab, Bela Agarwal, Rajani Mullerpatan	Comparison of Energy Expenditure Using Three Walking Techniques in Individuals with Spinal Cord Injury	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
11	Oshin Amberkar, Bela Agarwal, Yuvraj Singh, Raturaj Shete, Rajani Mullerpatan	Level of sports participation and performance among people with spinal cord injury	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
12	Triveni Shetty, Ashok Johari, Sailakshmi Ganesan, Rajani Mullerpatan	Exploration of Gait Deviation Index in children with cerebral palsy with severe gait impairment	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
13	Rajani Mullerpatan, Meera Thanawala, Bela Agarwal, Sailakshmi Ganesan	Development of deep-squat milestone in typically developing children	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
14	Triveni Shetty, Shrutika Parab, Sailakshmi Ganesan; Rajani Mullerpatan	Lower extremity Muscle Strength and Endurance in ambulatory children with cerebral palsy	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
15	Priyanka Iyer, Triveni Shetty, Sailakshmi Ganesan, Shruti Nair, Nagmani Rao, Rajani Mullerpatan	Exploration of sports participation in children with mild intellectual disability	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International

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16	Rajani Mullerpatan, Triveni Shetty, Bela Agarwal, Girish Nehte	Biomechanical exploration of suryanamaskar using 3-D motion capture system	Critical Reviews™ in Physical and Rehabilitation, Medicine	2019	International
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**Details of Copyright:**

Sr. No.	Type of Copyright	Details of Copyright	Applied/Granted	Faculty involved
1	MGM Ground Level Activity Questionnaire	L- 76907/2018	Granted (27/07/2018)	Dr. Rajani Mullerpatan Dr. Bela Agarwal (PT)

**Details regarding Extramural projects:**

Sr. No.	Names of the Investigators	Title of the topic	Ongoing/completed /submitted for funding	MOU received/not received from funding agency	Amount of fund received and Agency of funding
1	Dr. Rajani Mullerpatan	Development of powered transtibial prosthesis.	Ongoing	Received	DBT - funding received Rs. 4,51,800/-
2	Dr. Rajani Mullerpatan	Biomechanical exploration of 3 types of Suryanamaskar	Ongoing	Received	Sancheti College of Physiotherapy - Rs. 86,000/-
3	Dr. Rajani Mullerpatan	Comparison of newly developed prosthetic designs against conventional prosthesis in unilateral above knee amputation patients	Completed	Received	IIT-Madras 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	Research	National	Ongoing	Dr. Rajani Mullerpatan,
2	Kaivalyadhama Yoga Institute, Lonavala	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	14	14	-

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. Yuvraj Singh (PT)	Cervical and Shoulder course: Examination, Clinical reasoning and management	National	Physioconcepts, 22 <sup>nd</sup> - 26 <sup>th</sup> August, 2018	Attended	NA
2	Dr. Yuvraj Singh (PT)	Clinical Reasoning: Fast and slow reasoning in musculoskeletal practice	National	Physioconcepts 26 <sup>th</sup> August, 2018	Attended	NA
3	Dr. Pradnya Girdhar (PT)	Clinical Reasoning: Fast and slow reasoning in musculoskeletal practice	National	Physioconcepts 26 <sup>th</sup> August, 2018	Attended	NA
4	Dr. Pradnya Girdhar (PT)	Workshop on Qualitative Research Analysis	National	MGM New Bombay College of Nursing 1 <sup>st</sup> September, 2018	Attended	NA
5	Dr. Mamta Shetty (PT)	Workshop on Qualitative Research Analysis	National	MGM New Bombay College of Nursing 1 <sup>st</sup> September, 2018	Attended	NA

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6	Dr. Shrutika Parab (PT)	Workshop on Qualitative Research Analysis	National	MGM New Bombay College of Nursing 1 <sup>st</sup> September,2018	Attended	NA
7	Dr. Juhi Bharnuke (PT)	Workshop on Qualitative Research Analysis	National	MGM New Bombay College of Nursing 1 <sup>st</sup> September,2018	Attended	NA
8	Dr. Bela Agarwal (PT)	Workshop on Qualitative Research Analysis	National	MGM New Bombay College of Nursing 1 <sup>st</sup> September,2018	Attended	NA
9	Dr. Meruna Bose	Workshop on Qualitative Research Analysis	National	MGM New Bombay College of Nursing 1 <sup>st</sup> September,2018	Attended	NA
10	Dr. Shrutika Parab (PT)	The first year of life	National	Sneh 14 <sup>th</sup> – 16 <sup>th</sup> December,2018	Attended	NA
11	Dr. Pradnya Girdhar (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Resource Person	Physical Spine Evaluation
12	Dr. Yuvraj Singh (PT) & Dr. Shweta Nahar (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Resource Person	Burden of spine disability in India: Southwest Maharashtra
13	Dr. Rajani Mullerpatan	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Resource Person	MGM-WSC Clinic

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14	Dr. Rajani Mullerpatan	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Resource Person	Biomechanical Exploration of traditional Indian movements
15	Dr. Yuvraj Singh (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
16	Dr. Shrutika Parab (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
17	Dr. Pradnya Girdhar (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
18	Dr. Mamta Shetty (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
19	Dr. Raturaj Shete (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
20	Dr. Juhi Bharnuke (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
21	Dr. Triveni Shetty (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
22	Dr. Meruna Bose (PT)	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA

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23	Dr. Bela Agarwal	Spine Care: Prevention , Early Detection and Management of Spine Disability	International	MGMIHS, 18 <sup>th</sup> – 19 <sup>th</sup> January 2019	Attended	NA
24	Dr. Pradnya Girdhar (PT)	Multidisciplinary Approach in Shoulder Joint Dysfunction	National	Shrimad Rajchandra College of Physiotherapy , Surat 9 <sup>th</sup> March, 2019	Dr. Pradnya Girdhar (PT)	
25	Dr. Mamta Shetty (PT)	MEDINPIRE	National	D.Y Patil University, Navi Mumbai 17 <sup>th</sup> February 2019	Paper Presentation	Effectiveness on Dry needling on pain and function on shoulder impingement in population with upper quadrant dysfunction: A randomized control trial
26	Dr. Shrutika Parab (PT)	INFRACON 2019	National	7 <sup>th</sup> Annual Conference of Indian Federation of Neurorehabilitation 19 <sup>th</sup> – 21 <sup>st</sup> April, 2019	Attended	NA
27	Dr. Pradnya Girdhar (PT)	Consensus on Development of an ICF based assessment schedule for Manual Medicine	International	University of Oslo	Resource Person	Development of an ICF based assessment schedule for Manual Medicine
28	Dr. Rajani Mullerpatan	Discussion meeting on Communicating ancient Indian knowledge system for the holistic development of the school students.	National	7 <sup>th</sup> -8 <sup>th</sup> May 2019 National Institute of Advanced Studies, Bangalore	Resource Person	Enhancing physical activity for overall development in children using traditional Indian movement science

**LIBRARY:**

Sr. no.	Name of Institution	No. of Books		No. of Journal		
		Text Books	Reference Books	National	International	E-Journals
1	MGM School of Physiotherapy, Navi Mumbai	509	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			1

Sr. No.	Conference /CME/Workshop sorganized	Type of Conference	Sponsor/ amount sponsored	International/national /state/ college/university	Date and venue
1	Conference on “Spine Care: Prevention, Early Detection and Management of Spine Disability: A Patient-centric Integrated Approach” in collaboration with World Spine Care	Scientific Symposia	MGM School of Physiotherapy & World Spine Care	International	18 <sup>th</sup> -19 <sup>th</sup> January 2019, MGMIHS Auditorium, MGMIHS

**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	Adam Wilke	Vice President, World Spine Care Europe,	15 <sup>th</sup> -17 <sup>th</sup> Jan 2019	Student and Faculty training in evaluation and management of spine

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					disability
2	MGM School of Physiotherapy	Margareta Nordin	President, World Spine Care Europe	15 <sup>th</sup> -17 <sup>th</sup> Jan 2019	Student and Faculty training in evaluation and management of spine disability
3	MGM School of Physiotherapy	Alberto Zerbi	University of Milan, Italy	15 <sup>th</sup> -17 <sup>th</sup> Jan 2019	Student and Faculty training in evaluation and management of spine disability
4	MGM School of Physiotherapy	Carol Cancelliere	Faculty of Health Sciences, University of Ontario Institute of Technology,, Canada	14/01/2019	Session on 'Study designs in research for MPT students'
5	MGM School of Physiotherapy	Scott Haldeman,	President, World Spine Care-Global Spine Care Initiative (GSCI), USA	15 <sup>th</sup> -17 <sup>th</sup> Jan 2019	Student and Faculty training in evaluation and management of spine disability

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

<b>Sr. No.</b>	<b>Name of the Recipient</b>	<b>Designation</b>	<b>Name of the Fellowship/Honour/Award/Unit Distinctions</b>	<b>Awarding Agency &amp; Date of Award</b>
1	Dr. Sreeraj SR	Professor, MGM College of Physiotherapy (PhD Scholar)	PhD	MGM Institute of Health Sciences, Navi Mumbai, 31 <sup>st</sup> July 2018
2	Dr. Meruna Bose	Associate Professor (PhD Scholar)	PhD	MGM Institute of Health Sciences, Navi Mumbai, 27 <sup>th</sup> January 2019
3	Dr. Surendra Wani	Associate Professor, V K Patil College, Ahmednagar (PhD Scholar)	PhD	MGM Institute of Health Sciences, Navi Mumbai, 27 <sup>th</sup> January 2019



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4	Dr. Jinny Paul (PT)	Ex MPT student	Best Post-graduate	Bombay Branch of Indian Association of Physiotherapists, September 2018
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**STUDENT AWARDS AND ACHIEVEMENTS:**

Year	Name of Award/medal	Name of student	
2018-19	First Prize in Scintillation index in frame work of Gandian values by ReThink India	Ms. ShriyaPatil	
	MGM Olympics		
	Gold Medal Throwball (girls), MGM Olympics, Regional/Zonal competition		Ms. Afroze Sarwar
			Ms. Poorva Meher
			Ms. Disha Surwase
			Ms. Yashika Gandhi
			Ms. Shifa M S
			Ms. Nida Shaikh
			Ms. Pooja Pandey
			Ms. Indrani Sarode
			Ms. Mrunalini Kandale
			Ms. Masumi Dasgupta
			Ms. Amreen Khan
		Ms. Mayanka Pande	
	Gold Medal in Carom (boys), MGM Olympics, Regional/Zonal competition		Mr. Dharmin Vora
			Mr. Nitesh Vaishya
			Mr. Ivan D'souza
			Mr. Gavin Fernandes
	Gold Medal 4*100m Relay, MGM Olympics, Regional/Zonal competition		Ms. Mayanka Pande
			Ms. Shifa M S
			Ms. Indrani Sarode
		Ms. Amreen Khan	
	Silver Medal Athletics(200m-girls), MGM Olympics, Regional/Zonal competition		Ms. Mayanka Pande
Bronze Medal Athletics(100m-girls), MGM Olympics, Regional/Zonal competition		Ms. Indrani Sarode	

	Silver Medal 100m backstroke (boys ), MGM Olympics, Regional/Zonal competition	Mr. Utkarsh Shinde
	Gold Medal Relay (4*50m)boys, MGM Olympics, Regional/Zonal competition	Mr. Utkarsh Shinde
		Mr. Gavin Fernandes
		Mr. Dharmin Vora
		Mr. Akash Mute
	Bronze Medal Patriotic song competition, MGM Olympics, Regional/Zonal competition	Ms. Sneha Venkatraman
		Mr. Dharmin Vora
		Ms. Indrani Sarode
		Ms. Shifa M S
		Ms. Nida Shaikh
		Ms. Pooja Pandey
		Mr. Sumedh Vaidya

**Number of students receiving financial support in academic year 2018-19 : 12**

**EVENTS & PHOTOGRAPHS:**

Glimpses of Conference on **“Spine Care: Prevention, Early Detection and Management of Spine Disability: A Patient-centric Integrated Approach”** in collaboration with World Spine Care on 18<sup>th</sup>-19<sup>th</sup> January 2019





**World Spine Care team visit to World Spine Care, Kamothe Clinic on 16<sup>th</sup> January 2019**

**Meeting of World Spine Care Team with MGMIHS governing body on 16<sup>th</sup> January 2019**



**Visit of Spine conference speakers to MGM Center of Human Movement Science on 17<sup>th</sup> January 2019**

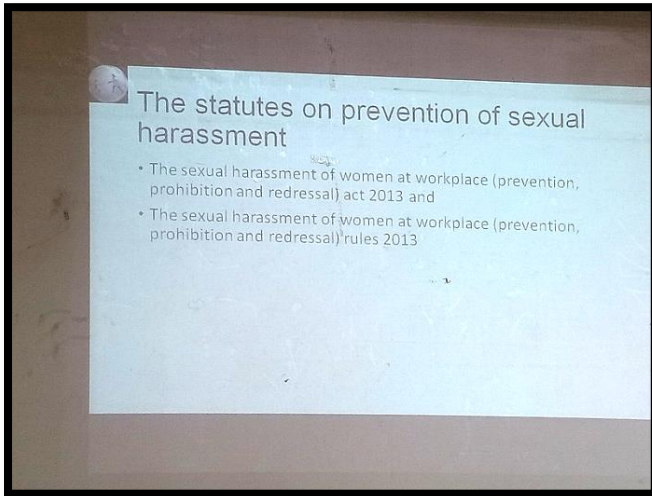


**World Spine Care team camp to Dhamani village on 21<sup>st</sup> January 2019**



**World Spine Care team visit in January 2019**

**Dr. Carolina and Dr. Nadine Harrison from World Spine Care team interacting with student**



**Sexual Harassment Act awareness Seminar for I BPT: 8<sup>th</sup> February 2019**



**Women Empowerment Seminar-  
8<sup>th</sup> March 2019**

**International Yoga Day Celebration  
21<sup>st</sup> June 2019**

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MGM Olympics 2018 photographs



MGM Olympics 2018 winners, MGM School of Physiotherapy, Navi Mumbai



MGM Olympics 2018, MGM School of Physiotherapy, Navi Mumbai

### Alumni Felicitation 2018

Dr. Shamita Rane Gupte (PT), Physical Therapist, South Point Physical Therapy, Minneapolis USA



### Alumni Guest Lecture

Dr. Abhishek Sawant (PT), Sports Physiotherapist Mumbai Cricket Association (MCA) & BCCI



**Tree Plantation Drive in Fanaswadi, Raigad district (20<sup>th</sup> July 2018)**



**Walkathon for cancer awareness  
(20<sup>th</sup> January 2019)**

**International Day of Persons with  
Disability  
(3<sup>rd</sup> December 2018)**



**Swachh Bharat Abhiyan**







**Professor Satbir Singh's visit to MGM CHMS on 9<sup>th</sup> January 2019**



**Guest Lecture on "Yoga and Yoga Therapy: The Science, Research and Modern Medicine" by Professor Satbir Singh held on 9<sup>th</sup> January 2019**



**Glimpses of Sports Science Series February 2019 : Mr. Shailesh Shetty demonstrating Strength & Conditioning Exercises**



**Glimpses of Sports Science Series February 2019: Faculty & Students with Mr. Shailesh Shetty**



**Dr. Sheetal Bhopale , basic Pranic Healing instructor conducting session**



**Orientation to GMCKS Pranic Healing and Twin Heart Meditation on 8<sup>th</sup> February 2019**



**National Science Day organized on 28<sup>th</sup> February 2019 : Inauguration, Lamp lighting and Welcome note by Hon'ble Vice Chancellor Dr. Shashank Dalvi**

**Extension Activities:**



**Dodhane Village Camp on theme “Maternal Health and Child Care” in collaboration with MGM New Bombay College of Nursing, Navi Mumbai held on 6<sup>th</sup> February 2019.**



**Early Neuro-Musculoskeletal Screening Camp at Dehrang Village, Panvel on 3<sup>rd</sup> April 2019**

**Awards:**



**Dr. Meruna Bose awarded PhD in 10<sup>th</sup> Convocation of MGMIHS on 27<sup>th</sup> January 2019**



**Dr. Surendra Wani awarded PhD in 10<sup>th</sup> Convocation of MGMIHS on 27<sup>th</sup> January 2019**

## MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD

### Principal Message



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

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

### Introduction

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

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

This courses are formulated to deliver Physiotherapy knowledge and current approach for the patients along with skills planned for socio economic status person belong. Different approach on field exposure of rural and urban health Problem prevailing in India to spread awareness among the society by our intervention based skills to impact the society for better living and healthy approach towards self-care are initiated by our team of students, especially in geriatric and women and child health in the region by using our clinical and basic sciences knowledge.

**Vision:**

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

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

**Mission:**

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

To encourage the students to participate in social and cultural activities Providing best of infrastructure comparable to international standards. Facilitating research to create evidence for physiotherapy and adhering to evidence based services.

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

Creating awareness of physiotherapy through outreach programmes.

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

MGM Institute of Physiotherapy, Aurangabad, conducts the Bachelor of Physiotherapy (BPT) program; which has a duration of 4 V2 years (including 6 months of compulsory internship)

# ***JALNA MARATHON***



# ***MGM HERITAGE RUN***



SR. NO	DOMAIN	DESCRIPTION
1	ACADEMIC	<p>1) Total 9 M.P.T students of MSK, Neuro, cardio respiratory, sports thesis submitted to university successfully.</p> <p>2) Old syllabus total students appeared 5 passed 3 successfully.</p> <p>3) For chronic repeaters parent teacher meeting done on 31/01/19 of b.p.t 2 year and parent feedback form also filled on that day to brief parents about the lacunae in attendance in regular batch preparation of the following student's subject wise guidance by respective teachers to overcome the difficulty.</p>
2	ADMINISTRATIVE	
3	RESEARCH	
4	CLINICAL SERVICES	<p>The "INAUGURATION OF MULTISPECIALITY PHYSIOTHERAPY OPD" was commenced on 9/02/19. The inauguration was done by ribbon cutting by the hands of Hon Mrs Yamuna Jadhav, OSD Maharashtra Health Ministry, Mumbai. The dignitaries visited the respective OPD's where each HOD of individual departments explained the facilities and services provided by their departments.</p> <p>The Advanced equipment present in musculoskeletal, cardio respiratory, sports, neuro (adult and paediatric) as well as CBR such as Matrix rhythm therapy, spinal mouse, TECAR, Balance master, functional electrical stimulation, Unweighing system, were well appreciated by the dignitaries. A felicitation program was held thereafter.</p> <p>The new department was very well appreciated and praised by all. The program was attended by HOD's faculties and students of various departments of MGM HOSPITAL and colleges from MGM campus as well as from outside.</p>

5	OUTREACH/EXTENSION ACTIVITIES	<p>1) 1/01/2019 PHC visit at Adul, Tal- Paithan , Dist- Aurangabad, MGM School of Physiotherapy, Dept of Community Physiotherapy 26 Students and 2 staff had visited and Dr. Sandeep Kale medical officer PHC Adul along with Dr. Vaishnav and Dr. Kulkarni also interacted with students on importance of primary health care and importance of physiotherapy in it.</p> <p>2) 7/01/2019 Event on self-defense and sensitization by Maharashtra Police for Hostel Girls arranged at Rukmini Auditorium JNEC MGM Campus 43 hostel girls attended the event from Physiotherapy Dept.</p> <p>3) 1-2/01/2019 National level under 14/17 Badminton Tournament at Garkheda stadium, Aurangabad 4 PG students along with Dr. Ashwin Kshirsagar supported the event.</p> <p>4) 9/01/2019 National seminar on revised parameters of NAAC for Health Science Institutes. 5 Staff attended.</p> <p>5) 28-29/01/2019 National Level YOGA Competition held at Garkheda Stadium, Aurangabad 4 PG students supported the event.</p> <p>6) 20/01/2019 Cycle Marathon Organized by Indian Oil at Garkheda Stadium, Aurangabad 4 PG students with 5 interns supported the event.</p>
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## Cultural





Lecture on Physiotherapy awareness, injury prevention, diet and exercise at MGM Sports Complex for Evening batch of Cricketers & footballers on 3 May 2019 by Dr. Ashwin Kshiragar (Assistant Professor) MSPT Sports.



**Morning Batch (Criketers)**

## **MGM NEW BOMBAY COLLEGE OF NURSING, NAVI MUMBAI**

MGM New Bombay College of Nursing, a constituent unit of MGM Institute of Health Sciences (MGMIHS) laid its foundation on 1<sup>st</sup> 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. A survey report, by Higher Education Review Magazine 2018, has recognized the institute as one among the top ten promising Nursing Colleges in India.

### **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. 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.

## Message from Director



**Dr. Prabha K. Dasila**

### Professor & Principal

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. The roles and responsibilities of nurses have been transforming with developments in medical sciences, policy regulations, accreditation norms, health care priorities and emerging advances. It demands highly competent nurses who are authorized to function independently and collaboratively for an extended clinical role. Competent Nurses can significantly reduce the mortality and morbidity among patients admitted in the Critical Care Units.

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. At MGM the curriculum of NPCC is planned meticulously and executed by highly motivated medical and nursing faculties in line with the guidelines prescribed by Indian Nursing Council. Dr. S.N. Kadam, the Medical Director and Trustee been very instrumental in starting the NPCC programme at MGM Institute of Health Sciences (Deemed to be University), Kamothe, Navi Mumbai and wishes that every critical care unit of a tertiary care hospital in India be handled by well trained efficient Nurse Practitioners. Nurses have great potential to improve the health care system and a full-fledged Nurse practitioner can definitely blend nursing and primary medicine efficiently to provide exemplary patient care. It is a matter of great pride that our first batch of six Nurse Practitioner students have successfully completed the course and five of them are appointed at Critical Care Units of MGM Medical Hospital Kamothe, Navi Mumbai.

The College of Nursing not only strives for academic excellence but also motivates and empowers the students to be lifelong learners, critical thinkers, and productive members of an ever-changing global health care system. Apart from preparing the students to qualify purely academic demands, special efforts are made continuously to encourage the students 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. To take part in competition, lessons of victory and defeat are the learnt in return. This environment was sufficiently created through various competitions within the campus at Navi Mumbai. The students also participated and won prizes in different intercollegiate competitions with other institutions at Mumbai and MGM Olympics at MGM campus Aurangabad.

It is a well known fact that the healthcare industry is advancing and reshaping to greater heights, both in growth & dimensions for optimizing the quality of care. Nurses are the custodians and coordinators of patient care in the health care delivery system. To deliberate on this a National Conference with the theme: *Strengthening the Profession of Nursing: Enhancing Transformation* was organized for two days in the month of January 2019. Total 198 participants from different parts of the country registered for the conference and 27 resource persons from various renowned institutes and Universities of India were invited.

Acquiring Knowledge and developing competence is one and only responsibility of every nursing student. With the sole purpose of updating the knowledge and developing skills the college hosted a National workshop with the theme: *Critical Care beyond Basics: Nurse Practitioners in Forefront for three days in the month of March 2019*. Total 75 participants have registered from different parts of the country. Hands on skill stations were conducted by the dedicated medical faculty from MGM Medical College, Kamothe, Navi Mumbai.

Research is integral to the development of nursing knowledge and nursing actions to enhance the ability of individuals to respond effectively to actual or potential health problems. 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 and Nutrition of national priorities under the National Rural Health Mission Programme of the Government of India

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. It is a call for interested B.Sc Nursing graduates with one year clinical experience (preferably in the critical care) to join the prestigious NPCC Post Graduate Programme and take the challenge of reinventing oneself to the expanded scope of nursing practice needed in a rapidly evolving health care system.

*To wipe every tear from every eye*

Mahatma Gandhi

## Courses Offered

Programmes		Duration	Seats
<b>Under Graduate</b>	Basic B. Sc Nursing	4 years	50
	Post Basic B.Sc. Nursing	2 years	30
<b>Post Graduate</b>	M.Sc. Nursing (Medical Surgical Nursing)	2 years	10
	Nurse Practitioner in Critical Care (NPCC)	2 years	20
<b>Post Graduate From the academic year 2020-2021</b>	Obstetrical and Gynaecological Nursing	2 years	04
	Child Health Nursing	2 years	04
	Community Health Nursing	2 years	04
	Mental Health Nursing	2 years	03
<b>PhD Nursing</b>		3 - 5 years	
<b>Post Basic Diploma Programmes</b>	• Critical Care Nursing	1 year	20
	• Neonatal Nursing	1 year	20
	• Cardio Thoracic Nursing	1 year	20
	• Emergency & Disaster Nursing	1 year	20
	• Operation Room Nursing	1 year	20



## ACTIVITIES (2018-19)

### OBSERVATION OF NATIONAL HEALTH DAYS

#### World Kidney day



#### World Cancer Day



### World Heart Day



### International Women's Day



## International Yoga Day





## International Breast feeding week



## Swachh Bharat Abhiyan





### **Participation in Pulse Polio Programme**



### **Workshop on 'Healthcare Management of your Golden Years' in collaboration with Indian Women Scientist Association (IWSA) for Senior citizens**



### Awareness Programme



## FACULTY DEVELOPMENT PROGRAMME



## NATIONAL CONFERENCE

Strengthening the Profession of Nursing: Enhancing Transformation



## NATIONAL WORKSHOP

“Critical Care Beyond the Basics: Nurse Practitioners in Forefront”





### EXTRACURRICULAR & SPORTS ACTIVITIES





## RESEARCH PUBLICATIONS

- 1) Seeta Devi, Dasila PK, Suryavanshi MR. Effect of Educational Intervention Followed by Reminders Regarding Participation of Women in the Cervical Screening Programme. *Indian Journal of Public Health Research and Development* 2018; Vol.9 (9)
- 2) Ponchitra R, Sivabalan T. Perceived Challenges of Novice Nursing Teachers. *IAESTD Journal of Advanced Research in applied Sciences* 2018; Vol.5 (8) 202-208
- 3) Mrs. Maya Vadgaonkar, Mr. Gajanan Velhal. A Study of Absenteeism of Nurses in Public Hospitals. *International Journal of Recent Scientific Research* 2018; Vol.9 (10) 29405 -29413
- 4) Mrs. Josmy Abraham. Effect of Planned Teaching Programme on knowledge and practices in relation to selected aspects of Tuberculosis among patients diagnosed with Tuberculosis. *International Journal of Nursing Education and Research* 2018; Vol 6 (4) 404-410
- 5) Ms. Liya John. Anti Snake Venom. *International Journal of Nursing Education and Research* 2018; Vol 6 (4) 423-424
- 6) Ms. Ferganzia Jubilson. Guided imagery on pain and its associated behavioral changes among post abdominal surgery clients. *International Journal of Applied Research* 2018; Vol 4 (10) 362-63
- 7) Thomas S, Mohanty N, Dasila PK. Effect of breast crawl on initiation of breastfeeding and initial weight loss among new - borns. *Manipal Journal of Nursing and Health Sciences*. 2018; Vol.4 (No.2)
- 8) Divya KY, Ponchitra R. Registered Nurses 'Knowledge on Comprehensive Neuro assessment: A Pre experimental design. *Manipal Journal of Nursing and Health Sciences*. 2018; Vol.4 (No.2)
- 9) John S. A Study to access effectiveness of Structured Teaching Program (STP) on Knowledge Regarding Healthy Food Habits for Children among Mothers of School age Children (6-12 years) in Selected Urban Areas of Hassan, Karnataka. *International Journal of Nursing Education & Research* 2018; Vol.6 (No.2)
- 10) Jadhav S Dasila PK. To assess the level of workplace stress among 18-45 yr patients admitted with myocardial infarction. *International Journal of Health Sciences and Research* 2018; Vol.8 (4)
- 11) Begum F, Dasila PK, Ghildiyal R. Parents' awareness about positive and negative impact of internet use. *International Journal of Health Sciences and Research* 2018
- 12) Paste R., Assess the effectiveness of planned health teaching on knowledge of mothers regarding nocturnal enuresis among children (age 5-10 years) in selected urban slums. *Indian Journal of Psychiatric Nursing*, 2018; Vol. 1 (1)



- 13) Ms. Richa Sharma, Dr. 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* 2019; Vol. 8 (2)
- 14) Pingale D. 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 and Research* 2019; Vol.7 (No.1)
- 15) Ms. Gargee Karadkar, Dr. Prabha Dasila, Dr. Alaka Deshpande, Dr. Swati V. Kambli, Dr. G. R. Kane Lokesh Gujjarappa. Information Needs of Patients Suffering From Acute Coronary Syndrome (ACS) In The Convalescent Period. *International Journal of Recent Scientific Research*. 2019; Vol 10 (4). 31905 – 31907
- 16) Mrs. Perpetua Fernandes, Dr. Prabha K. Dasila, Dr. Sandeep Rai, Dr. Sripriya Gopalkrishnan. Psychosocial Distress among People with Type 2 Diabetes in India. *International Journal of Health Sciences and Research* 2019; Vol 9 (5) 266-272
- 17) Ms. Bhadrapriya Sanjay Parab, Dr. Gajanan Velhal, 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* 2019; Vol. 8 (2) 4747-4752
- 18) Ms. Madhavi Ghorpade, Dr. (Mrs.) Prabha 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* 2019; Vol. 7 (2) 424-432
- 19) Ms. Ritika Vishal Gawade. Prevalence of Selfie Addiction among Junior College Students. *Innovational Journal of Nursing and Healthcare* 2019; Vol. 5 (2) 23-26
- 20) Ms. Padmaja Dhawale, Dr. N. C. Mohanty. Improving Care of Low Birth Weight Infants By Enhancing Mothers Knowledge and Practices. *International Journal of Emerging Technologies and Innovative Research (JETIR)* 2019; Vol. 6 (6) 243-48
- 21) Ms. Sindhu Thomas, Dr. Niman Mohanty, Dr. Prabha K. Dasila. Effect of Progressive Breastfeeding Support on Infant Outcomes. *International Journal of Research and Analytical Reviews (IJRAR)* 2019; Vol. 6 (2) 768-778

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## **COLLABORATIONS/ LINKAGES:**

### **Collaborations**

1. Pillai College of Education & Research, New Panvel
2. Rotaract Club of Navi Mumbai Bayside MGM, Maharashtra, India.

### **Linkages**

1. Tata Memorial Hospital, Parel
2. National Burns Center, Airoli
3. Regional Mental Hospital, Thane
4. Urban Health Center, Belapur
5. Rural Health Center, Nere
6. Indian Women Scientists' Association, Vashi, Navi Mumbai.
7. Hindalco Industries Ltd., Navi Mumbai.
8. Recyclekaro.com
9. Paramshantidham Vrudhashram Trust, Taloja MIDC, Raigad.
10. Kai. Ramachandra Kurulkar Bahuuddeshiya Shikshan Sanstha's, Chipale.
11. Swami Brahmanand Institute for Special Children
12. Helen Keller Institute of Deaf & Blind, Shil Mahape Road, Navi Mumbai.
13. Warna Milk Dairy, Vashi
14. Jyothis Charitable Trust, Kalamboli (HIV Center)
15. Panvel Municipal Corporation, Old Panvel (Water Treatment Plant & Sewage Disposal Plant)
16. Deonar Abatteir, Chembur.
17. Food & Vegetable Market, APMC, Vashi
18. Sharan Rehabilitation Center, Vashi.
19. Aashray Center for Rehabilitation, Sanpada.
20. Prem Daan Missionaries of Charities, Airoli.
21. Institute for Psychological Health, Naupada, Thane (W).
22. Kushtarog Nivaran Samiti, Shantivan, Panvel.
23. Keshav Srushti, Bhyander, Mumbai
24. Bharati Vidyapeeth College of Nursing, Belapur.
25. Immanual Mercy Home Ashram, Chiple Village, New Panvel.
26. Mindseed Preschool, Kalamboli (Nursery)
27. College of Nursing I. N.H.S Asvini, Colaba, Mumbai.
28. School of Nursing, WIT Center, Panvel

## **MGM School of Biomedical Sciences, Navi Mumbai**

MGM School of Biomedical Sciences is one of the premium Institutes in Navi Mumbai offering UG and PG courses in Allied Health Sciences. The increasing demand of skilled paramedical professionals in Allied Health science has opened up several career opportunities for young aspirants and MGMSBS imparts full-fledged training for students in this field with complete clinical exposure with in house hospital.

MGM School of Biomedical Sciences (MGMSBS) has seen considerable growth in the past few years, with the introduction of new PG programs of study, new disciplines, new initiatives and conviction to deliver the best. Within a short period of 10 years MGMSBS has witnessed a tremendous growth in its student strength.

### **Vision of SBS**

- To become a Centre of Excellence in the Paramedical discipline with a strong research and teaching environment

### **Mission of SBS**

- To provide qualitative education and generate knowledge by engaging in cutting-edge research and by offering state-of-the-art undergraduate, postgraduate programmes.

### **Message from the Director**



MGM School of Biomedical Sciences is on a transforming path of growth and development. As can be seen with the grown of student strength it has already established itself as one of the top colleges providing various skill based courses in Allied health science in the country. Utmost importance is given to the teaching calibre and all our UG/PG courses have adopted the CBCS pattern as per UGC imitative following the Model Curriculum proposed by MHRD. To add to this with the proposal of new bill in the Rajya Sabha 2018, we will be the pioneers of these courses. Teaching learning comes from the precise selection of faculty members who go out of the way in nurturing the students in all round development including holistic nurturing and mentoring of the students.

Research is the core strength of SBS focusing on multidisciplinary research. With all the awareness created for students and faculty by conducting various workshops and seminars with

## UG Program

Sr. No.	Program	Duration	Eligibility Criteria	Medium of Instruction	Intake Capacity	Approved by
	<b>B.Sc. Medical Laboratory Technology</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with aggregate 50% in Physics, Chemistry, and Biology.(P.C.B.)	English	30	UGC
	<b>B.Sc. Medical Radiology &amp; Imaging Technology</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with pass marks 50% aggregate in Physics, Chemistry, and Biology.(P.C.B.)	English	30	UGC
	<b>B.Sc. Medical Dialysis Technology</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with pass marks 50% aggregate in Physics, Chemistry, and Biology.(P.C.B.)	English	20	UGC
	<b>B.Sc. Operation Theater and Anesthesia Technology</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with pass marks 50% aggregate in Physics, Chemistry, and Biology.(P.C.B.)	English	20	UGC
	<b>B.Sc. Cardiac Care Technology</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with pass marks 50% aggregate in Physics, Chemistry, and Biology.(P.C.B.)	English	5	UGC
	<b>B.Sc. Perfusion Technology</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with pass marks 50% aggregate in Physics, Chemistry, and Biology.(P.C.B.)	English	5	UGC
	<b>B. Optometry</b>	4 years (3 year + 1 year Internship)	1) He/she has passed the Higher Secondary (10+2) with Science (PCB) or equivalent examination recognized by any Indian University or a duly constituted Board with pass marks 50% aggregate in Physics, Chemistry, and Biology.(P.C.B.)	English	50	UGC

## PG Program

Sr. No.	Program	Duration	Eligibility Criteria	Medium of Instruction	Intake Capacity	Approved by
1	<b>M.Sc. Medical Anatomy</b>	3 Year	Candidate with B.Sc. (Botany/Zoology/Chemistry/Microbiology/Biotechnology/Biochemistry/Nursing/MBBS/BDS) or any equivalent degree of any recognized university	English	5	UGC
2	<b>M.Sc. Medical Physiology</b>	3 Year	Candidate with B.Sc. (Botany/Zoology/Chemistry/Microbiology/Biotechnology/Biochemistry/Nursing/MBBS/BDS) or any equivalent degree of any recognized university	English	5	UGC
3	<b>M.Sc. Medical Biochemistry</b>	3 Year	Candidate with B.Sc. (Botany/Zoology/Chemistry/Microbiology/Biotechnology/Biochemistry/Nursing/MBBS/BDS) or any equivalent degree of any recognized university	English	10	UGC
4	<b>M.Sc. Medical Pharmacology</b>	3 Year	Candidate with B.Sc. (Botany/Zoology/Chemistry/Microbiology/Biotechnology/Biochemistry/Nursing/MBBS/BDS) or any equivalent degree of any recognized university	English	5	UGC
5	<b>M.Sc. Medical Microbiology</b>	3 Year	Candidate with B.Sc. (Botany/Zoology/Chemistry/Microbiology/Biotechnology/Biochemistry/Nursing/MBBS/BDS) or any equivalent degree of any recognized university	English	10	UGC
6	<b>M.Sc. Medical Biotechnology</b>	2 Year	As a minimum criterion of eligibility, aspiring candidates are needed to have attained a B.Sc. in any discipline of Life Sciences, Biosciences, Bachelor's degree in any of Physics, Biological Sciences, M.B.B.S, BDS, BAMS, BHMS, B.Pharm., B.Tech (Biotechnology), Bachelor's Degree in Agricultural, Veterinary and Fishery Sciences, or equivalent examination with a minimum aggregate score of 50%.	English	20	UGC
7	<b>M.Sc. Medical Genetics</b>	2 Year	As a minimum criterion of eligibility, aspiring candidates are needed to have attained a B.Sc. in any discipline of Life Sciences, Biosciences, Bachelor's degree in any of Physics, Biological Sciences, M.B.B.S, BDS, BAMS, BHMS, B.Pharm., B.Tech (Biotechnology), Bachelor's Degree in Agricultural, Veterinary and Fishery Sciences, or equivalent examination with a minimum aggregate score of 50%.	English	20	UGC
8	<b>M.Sc. Molecular Biology</b>	2 Year	Candidates with 50% marks in B.Sc. Molecular Biology/ Biotechnology/ Microbiology/ Biochemistry/Genetics /Botany/Zoology /B.Sc. Nursing/MBBS/BDS) or any equivalent degree in life sciences of any recognized university.	English	20	UGC

## PG Program-cont..

Sr. No.	Program	Duration	Eligibility Criteria	Medium of Instruction	Intake Capacity	Approved by
9	M.Sc. Clinical Embryology	2 Year	As a minimum criterion of eligibility, aspiring candidates are needed to have attained a B.Sc. in any discipline of Life Sciences, Biosciences, Bachelor's degree in any of Physics, Biological Sciences, M.B.B.S, BDS, BAMS, BHMS, B.Pharm., B.Tech (Biotechnology), Bachelor's Degree in Agricultural, Veterinary and Fishery Sciences, or equivalent examination with a minimum aggregate score of 50%.	English	5	UGC
10	M.Sc. Clinical Nutrition	2 Year	Eligibility students with the following undergraduate degree are eligible, B.Sc. Biochemistry or any Life Sciences, MBBS, BHMS, BAMS, B.Sc. Nursing. Student should have obtained minimum 50% marks in the undergraduate degree or B grade from any recognized University.	English	10	UGC
11	Master of Public Health	2 Year	The graduates from science background will be admitted for the course. Student should have obtained minimum 50% marks in the under graduated degree or B grade from any recognized University. Candidates from the field of sociology, Psychology, Nursing, Social work, Pharmacy, Medical and Paramedical will be admitted.	English	5	UGC
12	M.Sc. Biostatistics	2 Year	Candidates with 50% marks in Bachelor's degree from recognized universities in Mathematics or Statistics or BE/ tB tech. BCA B.Sc. Computer science subjects or with at least two full papers of Mathematics or Statistics.	English	5	UGC
13	Masters in Hospital Administration	2 Year	Candidates admitted to the MHA should be a graduate from a recognized University with minimum 50% marks in qualifying examination. The candidates with experience will be given preference.	English	10	UGC
14	Masters in Health Profession Education	2 Year		English	10	UGC
15	M.Sc. Medical Radiology & Imaging Technology	2 Year	B.Sc. in Medical Radiology& Imaging Technology/B.Sc. Medical Technology Radio diagnosis and Imaging / B.Sc. Radiological Technology/B.Sc. in Radiography B.Sc. Medical Technology (X-ray) with a minimum 50% marks in B.Sc.	English	5	UGC
16	M.Sc. Cardiac Care Technology	2 Year	B.Sc. Cardiac Care/Cardiovascular Technology OR 2 years of Diploma in Cardiovascular Technology (post regular general B.Sc.) with minimum of 3 year experience.	English	5	UGC
17	M. Optometry	2 Year	Bachelor of Optometry or equivalent from a recognized university with	English	4	UGC

PhD:

Medical Sciences (Pre, Para & Clinical Subjects)

Medical Biotechnology

Medical Genetics

Hospital Administration

Biostatistics

## Research:

### Publication

Sr. No.	Publication Title	Authors	Journals Name	Vol	Year	International/ National
1	An Exploratory Pilot on body composition and nutrient intake associated with premenstrual syndrome among young women	Harshada Thakur, Priyanka Pareek, Suhas Otiv	Indian Journal of Public Health Research & development	10	2019	International
2	Simplified approach for in-vitro production and purification of cell derived Cancer Antigen 15-3	Haidar, Shoab; Bhanushali, Paresh B.; Shukla, Kunal K.; Modi, Deepak; Puri, Chandar P.; Badgajar, Shamkant B.; Chugh, Manoj	International Journal of Biological Macromolecules	107	2018	International
3	Indian teaching hospitals and quality health care from global perspective: A reality check in Maharashtra	Archana Mishra, Prakash P Doka	MGM Journal of Medical Sciences	5	2018	National
4	Green synthesis and characterisation of iron oxide nanoparticles using hydroponically grown spinach plant extract.	Smital Kulkarni; Mansee Thakur	Asian Journal of Bio Science	13	2018	International
5	Evaluation of homeopathic drugs on glucocorticoid induced osteoporosis (GIOP) zebrafish model	Himanshu Gupta; Mansee Thakur	CABI's Journal	13	2018	National
6	Evaluation of histopathological and ultrastructural changes in the testicular cells of Wistar rats post chronic exposure to gold nanoparticles	Gupta Himanshu; Singh Dipty; Venage Geeta; Joshi D S; Thakur Mansee	Indian Journal of Biotechnology	17	2018	National
7	Effects of diet pattern on nutritional status of school children: A Study in One township of Navi Mumbai, Maharashtra, India	Rita Abbi	MGM Journal of Medical Sciences	5	2018	National
8	Pancreatic lipase inhibitory and antioxidant activity of methanolic extract of florets of aster species	Shahu R.R., Rathod P., Kulkarni C., Mhatre S., Yadav R.P.	Indian Drugs	55	2018	National
9	In-Vivo toxicity assessment of biologically synthesized iron oxide nanoparticles in zebrafish (Danio Rerio)	Hafiz S M, Kulkarni S, Thakur M K.	Biosciences Biotechnology Research Asia	15	2018	International
10	Pros and cons of carrier screening for prevention of genetic and other associated issues: Review of current status	Ganguly B B, Kadam N N.	MGM Journal of Medical Sciences	5	2018	National
11	Spectrum of health condition in methyl Isocyanate (MIC)-exposed survivors measured after 30 years of disaster	Ganguly B B, Mandal S, Kadam N N.	Environmental Science and Pollution Research	25	2018	International
12	Impact of chromosome alterations, genetic mutations and clonal hematopoiesis of indeterminate potential (CHIP) on the classification and risk stratification of MDS	Ganguly B B, Banerjee D, Agarwal M B.	Blood Cells, Molecules and Diseases	09	2018	National
13	Effect of age at exposure on chromosome abnormalities in MIC exposed Bhopal population detected 30 years post disaster.	Ganguly B B, Mandal S, Banerjee N, Kadam N N, Abbi R.	Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis	809	2018	National

## Patents

Sr. No	Title of the Invention	Application	Inventors	Date of Publication/Filing	Published/Filed
1	Design patents for Custom-built Electrophoresis system	Application no: 318667-001	MGM SBS	12-06-2019	Applied
2	Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen, (International Patent)	WO/2019/097536	Yadav, Raman Prasad, Kadam, Sudhirchandra Nanasahel, Kadam, Nitin Nanasahel, Bhagti, Amita Anant.	23-03-2019	Published
3	Sensor Based Inflatable Device	201721023124 A	Dr. V.K.Suri, Dr. Mansee Thakur, Dr. Santosh Narayan Khedkar, Mr. Indra Vijay Singh, Dr. Nakka Muralidhara Rao, Mr. Yogesh Patil, Dr. Sudhirchandra Kadam (MGMIHS, MGM CET)	04-03-2019	Published
4	A Biological Safety Cabinet And A Kit Thereof	201721023794	Suri V. K, Thakur Mansee, Khedkar Santosh, Singh Indra Vijay, Rao Muralidhara Nakka, Patil Yogesh, Kadam Sudhirchandra, Gupta Himanshu, Shriram Prayot P, Dogga Bharadwaj S, Chhabra S Harpreet, Chavan Prashant, (MGM CET, MGMIHS)	11-01-2019	Published

## Copyright

Sr.	Invention Title	Name Of Inventors	Copyright Application Number	Date of Filing	Published/Filed
1	Effects Of Biologically Synthesized Fe <sub>3</sub> O <sub>4</sub> Nanoparticles On Spinacia Oleracea Growth And Development	Dr Mansee Thakur , Metal Kulkarni, Gargi Chapekar, Priyanka Patil	L-83417/2019	20-06-2019	Published
2	Role Of MTHFR Genetic Polymorphisms In Preterm Labour And Birth	Dr Mansee Thakur , Surya Panikar , Dr Sunil Sharma	L-83409/2019	20-06-2019	Published
3	MGM – Vacuum Dressing System	Yogesh Patil, Dr. Mansee Thakur, Dr. V.K. Suri, Dr. Salgotra	L-81497/2019	27-03-2019	Published
4	Calculation Of The Percentage Of Chromogranin A Cells In Foetal Suprarenal Gland Of Different Gestational Ages Using Immunohistochemistry	Dr. Mini Mol, Dr. Gautam Shroff, Dr. Mukherjee	L-81432/2019	19-03-2019	Published
5	Establishment Of Hydroponics Lab & Preliminary Phytochemical Screening Of Vegetables	Dr. Mansee Thakur, Smital Kulkarni, Poonam Patil	L-814325/2019	19-03-2019	Published
6	Histological and Bioaccumulation Evaluation of Gold Nanoparticles in Gonads of Zebra Fish (Danio Rerio)	Dr. Mansee Thakur, Navmi Dayal	L-78260/2018	10-09-2018	Published
7	Characterization and Toxicity Assessment of Homeopathy Drugs In Zebra fish Embryos	Dr. Mansee Thakur , Himanshu Gupta	L-78185/2018	10-04-2018	Published

## MoU

Title of the Collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Duration	Nature of the activity
Academic, Clinical training , Internship, Project work, student/faculty exchange, Research	Nirmala Niketan collage of Home Sciences, New Marine Lines mumbai	2019	Till Date	Project Work Internship Academic Clinical training Research Students/ Faculty exchange
Project Work	ChromoXpert	2019	Till Date	Student training Project work Collaborative resaerch
Academic, Clinical training , Internship, Project work, student/faculty exchange, Research	Pillai College of Arts, Commerce & scienc	2018	2019	Academic Training Project Work Clinical training Internship Research Students/ Faculty exchange



**National Conference on Innovation in Food, Environment & Health Care (28th and 29th Sep):** 2 PhD scholars: Ms. Surya Panikar and Mrs. Smital Kulkarni represented MGM SBS at National Conference on Innovations in Food, Environment and Healthcare (NCIFEH-2018) on 28-29 September, 2018 where their research papers published in UGC recognized Journal.



**Hydroplantonics - Industry /Academia Partnership :** On the occasion of National Science Day Department of Biotechnology organized a workshop on “Hydroplantonics” in collaboration with HiMEDIA laboratory Pvt Ltd on 28th February 2019.



**Industrial visit:** Student of Optometry had an Industrial visit where students visited ESSILOR 20-20 OPTICS PVT LTD, Hyderabad on 18th February 2019

## Awards and Achievements:



**SAIRADCON-2018: NATIONAL CME by Society of Indian Radiographers, Shirdi, Maharashtra: 1st and 2nd SEPTEMBER**



**Inauguration of Department of Optometry : 30th October 2018 :** On the auspicious occasion of "WORLD SIGHT DAY" Hon'ble Mrs. Kunda Ganatra, Ex President Indian Optometric Association & Vice President of Optometric Association Maharashtra inaugurated Department of Optometry of MGM SBS on Tuesday, 30th October 2018 at 10.00 am.



**NEPHCARE 2018: 28th November 2018 :** MGM SBS along with Ms. Surya Paniker (PhD scholar, Coordinator B.Sc. Dialysis-third year) students of B.Sc. Dialysis Technology (2nd and 3rd year) organised NEPHCARE-2018: Current Issues and Trends in Dialysis care on 28th November 2018.





**National level competition for Life sciences students Association with E-Cell Fest (IIT Kharagpur Event)**  
 Department of Medical Biotechnology, MGM School of Biomedical Sciences in association with MakeIntern and E-Cell Partner of IIT Kharagpur organised 2 days National level competition on 20th and 21st December 2018 for all postgraduate Lifesciences students.



**Chancellor Award:** 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, one copyright and one copyright applied.

### Extension and outreach:



**Unnat Bharat Survey (6th to 14th Sep 2018):** As part of an on-going programme 'Unnat Bharat', MGM SBS participated in a survey along with other Departments of Nursing, Physiotherapy & Dept of O/O MGMIHS at the 5 villages adopted by MGMIHS.



**PULSE POLIO IMMUNIZATION – 5TH AUGUST 2018:** Students of MGM SBS extended their support for Pulse Polio National Immunization Day (NID) conducted by Ministry of Health & Family Welfare (MoHFW) & World Health Organization (WHO) on 05.8.18.



**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).*



**World health day:** On occasion of WORLD HEALTH DAY, 7 April 2019,Sunday, Staff and Students of MGMSBS participated in the event organized by Department of Community Medicine, MGM Medical College, Navi Mumbai in Association with Public Health Department of Panvel Municipal Corporation organized a 'Walk' to spread health message at Panvel.

**Wellness Including Yoga:**



**FACULTY DEVELOPMENT-26th and 27th November 2018** : Interpersonal Communication skills session by Dr. Rita Nagpal (Former CMO-Central Health Services, MoHFW, Govt of India.) & POISE session by Dr. Mohandas Hegde, Director, C.R.E.S.T. Bangalore



**Super brain Yoga (28th Dec):** MGM SBS conducted a teaching and practice session on “Superbrain Yoga” for all students of B.Sc. AHS on 28th December 2018 conducted by Dr.Pankaj Mhatre, Prakruti Ayurveda, Consultant (Ayurved and Panchkarma), Panvel.



**INTERNATIONAL Heartfulness centre, Kanha Shantivanam, Hyderabad:** Students of MGMSBS, MGMIHS were introduced to Heartfulness 2018. 70 students visited Heartfulness centre at Hyderabad and were made to realize the beauty of inner peace and they now understand the purpose of this Heartfulness meditation and how important it is in day to day life today.

**हार्टफुलनेसकडून ध्यानधारणा शिबिराचे आयोजन**

**समावेष्टे - आभार**  
 हार्टफुलनेस आणि ध्यानधारणा शिबिराचे आयोजन करीत असताना अनेक व्यक्तींनी आपली मदत केली आहे. त्या व्यक्तींना आभार मानून या शिबिराचे आयोजन करणे शक्य झाले आहे. या व्यक्तींना आभार मानून या शिबिराचे आयोजन करणे शक्य झाले आहे. या व्यक्तींना आभार मानून या शिबिराचे आयोजन करणे शक्य झाले आहे.



**Wellness fest - Event by Heartfulness institute:** On 5th, 6th, 7th April 2019 students of B.Sc AHS and MHA along with 5 faculties participated in Heartfulness fest 2019 organised by Heartfulness Institute, Navi Mumbai Municipal Corporation, Pillai Group of Institution, CIDCO Exhibition & Convention Center, Vashi.

The events promoted were Relaxation | Heartfulness Meditation | Brighter Minds Brain Exercises | Yoga | Mudras and Fun Based Children Activities for all age groups and it proved to be a great experience for the students.



**International Yoga Day celebration (“DHYANOTSAV”- Heartfulness fest):** 21st June 2019: 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.

## Extracurricular:



**Annual Fest – Exuberance 2019:** Various events conducted as part of Annual college fest from 15th to 20th of March 2019 for students of MGMSBS.



**World Environment Day celebration 2019:** Carrying forward the legacy of the saying 'पर्यावरण बचे तो प्राण बचे', the students of MGMSBS decided to promote 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.

## MGM School of Biomedical Sciences, Aurangabad

### Introduction

The Department of Allied Health Sciences was established in 2007. The department is running various B.Sc Allied Health Sciences courses. The purpose to establish the department 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 skillful 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.

### Message from the Director

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

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

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

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

### Under Graduate Course(s):

Course(s)	Duration	Entry Qualification	Medium of Instruction	Intake	Approved by
<b>B.Sc (Para-Medical Sciences) in 7 disciplines as follows:-</b>					
1.Operation Theatre & Anesthesia Technology	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	20	UGC Notification
2.Cardiac Care Technology	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	05	UGC Notification

3.Perfusion Technology	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	05	UGC Notification
4.Medical Laboratory Technology	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	30	UGC Notification
5.Medical Radiology & Imaging Technology	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	30	UGC Notification
6.Dialysis Technology	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	20	UGC Notification
7.Optomety	3 Yrs.	XIIth Science with Physics, Chemistry, Biology, English or Equivalent Vocational Courses	English	20	UGC Notification

**Post Graduate Course(s):**

Course(s)	Duration	Entry Qualification	Medium of Instruction	Intake	Approved by
<b>M.Sc. [Medical] in 8 Disciplines as follows:</b>					
1.Medical Anatomy	3years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	05	UGC Notification
2.Medical Physiology	3years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	05	UGC Notification
3.Medical Biochemistry	3years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	10	UGC Notification
4.Medical Pharmacology	3years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/ MBBS /BDS] or any equivalent degree of any recognized University	English	05	UGC Notification

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5. Medical Microbiology	3years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	10	UGC Notification
6. Medical Genetics	2years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	10	UGC Notification
7. Medical Biotechnology	2years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	30	UGC Notification
8. Clinical Research	2years	Candidates with B.Sc. [Botany/ Zoology/Chemistry/Microbiology/ Biotechnology/Biochemistry/ B.Sc Nursing/MBBS /BDS] or any equivalent degree of any recognized University	English	10	UGC Notification

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

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



7. Medical Biotechnology	3 years	*	English	UGC Notification
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**Research Publications:**

1. Dr. Rajesh Dase, “Level of knowledge of Reproductive health issues and sexual behavior among street adolescents in Mumbai”. Asian Journal of Multidisciplinary studies Jan.2017; Vol 5, Issue 1.
2. Dr. Rajesh Dase, “A deep insight on “Depression”. Review article”. International Journal of Current Medical and Applied Sciences May 2017, Vol.14, Issue 3, Page No.10-112
3. Dr. Suparna Bindu, “Comparative analysis of small group teaching and Didactic lectures along with student's perception: A study conducted in the subject of Pathology”, International Journal of current medical and applied sciences, Jan.2017, 2321-9335, Page No.91-94
4. Dr. V.P.Bansal, “Prevalance of MSRA, ESBL and Carbapenemase producing isolates obtained from Endotracheal and Tracheal tubes secretions of ICU patient at Tertiary Care Centre”, International Journal of Current microbiology and applied sciences, 2017, Vol.6, No.4, Page No.288-299

**Activities:**

**Poster Presentation Competition**



**Women's Day Celebration:**



**World Optometry Day Celebration:**



**Session on Body Donation:**



**Alumni Meet:**





**Green Initiative at Priyadarshini Udyan, Aurangabad:**



**Eye Check up Camp at Daulatabad:**



**Parents meet for new admitted students:**



### Basic Life Support Training at MET CELL:



### Celebration of NSS Day:



### Mahatma Jyotiba Phule Jana Arogya Yojna Camp at Pal, Phulambri:



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

**NAME:** ACADEMIC ACTIVITY- Workshop on Sexual Harassment at Workplace

**DATE:** 10th January, 2019

**NO. OF PARTICIPANTS:** 02 (Faculties)

**OUTCOME:** Sensitization regarding Functioning of Internal Complaints Committee (ICC) for Prevention of Sexual Harassment of Women Employees at Workplace.



**NAME:** Assessment Camp for PwDs under ADIP scheme of Government of India

**DATE:** 25<sup>th</sup> January, 2019

**NO. OF PARTICIPANTS:** 08

**OUTCOME:** ALIMCO had organized assessment camp for “Divyangjan” under ADIP scheme of Government of India, with support of MP Shri Rajan Vichare on **25.01.19 at Manisha Vidyalaya, Sector - 15, Near Model College, Vashi, Navi Mumbai, from 09.00 am to 5.00 pm.** Students got an insight to the assessment camp and they successfully assessed 250 patients.



**NAME:** Annual Festival 'ATHENA'  
**DATE:** 15th February to 26th February, 2019  
**NO. OF PARTICIPANTS:** 39



**NAME:** National Science Day  
**DATE:** 28th February, 2019  
**NO. OF PARTICIPANTS:** 03  
**OUTCOME:** Design Competition as a part of celebration of 'National Sciences Day' to motivate and encourage the professionals for Scientific Excellence and Research



**NAME:** Hands on CRE on 'Integrated Care of Diabetic Foot'  
**DATE:** 15th & 16th March, 2019  
**NO. OF PARTICIPANTS:** 45  
**OUTCOME:** Upgradation of knowledge in the area of Diabetic Foot by integrated approach.







**NAME:** World Water Day  
**DATE:** 22<sup>nd</sup> March, 2019  
**NO. OF PARTICIPANTS:** 24  
**OUTCOME:** Spreaded awareness about water conservation through Poster Presentation Competition.



**NAME** World Health Day  
**DATE:** April 17<sup>th</sup>, 2019  
**NO. OF PARTICIPANTS:** 17  
**OUTCOME:** Awareness about health, saving girl child in the community By participating in walkathon.





**NAME:** Gender Equity Program

**DATE:** 21<sup>st</sup> May, 2019

**NO. OF PARTICIPANTS:** 26

**OUTCOME:** Awareness about equal rights of both any genders among the students.



**NAME:** International Yoga Day

**DATE:** 26<sup>th</sup> June, 2019

**NO. OF PARTICIPANTS:** 29

**OUTCOME:** Awareness about the Yoga in day to day life for better health.





## NSS Annual Report (2018-2019)

MGMIHS has 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 fulfil the goal of this esteemed institute, the undergraduate students have been oriented & develop the aptitude for social service & Community outreach activity during curricular & cocurricular sessions. The students are involved during their academic's tenure in following activities:

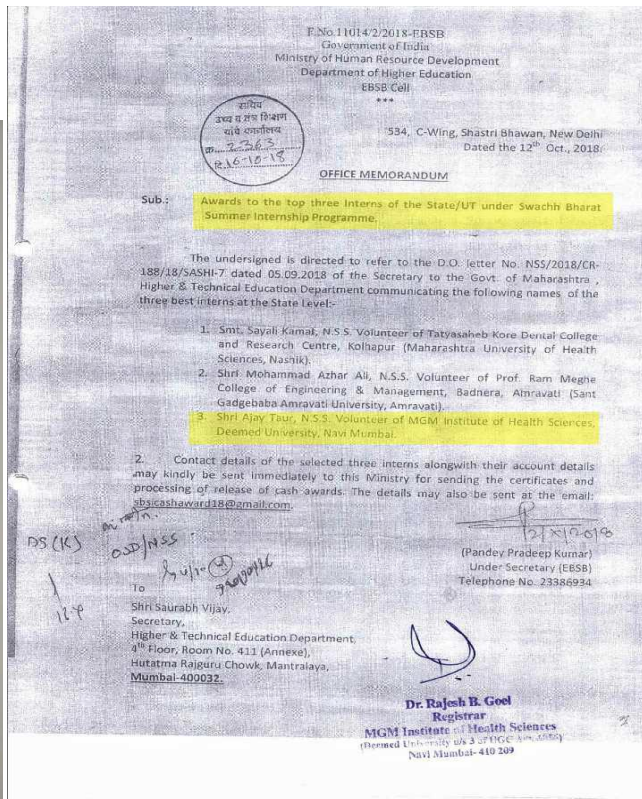
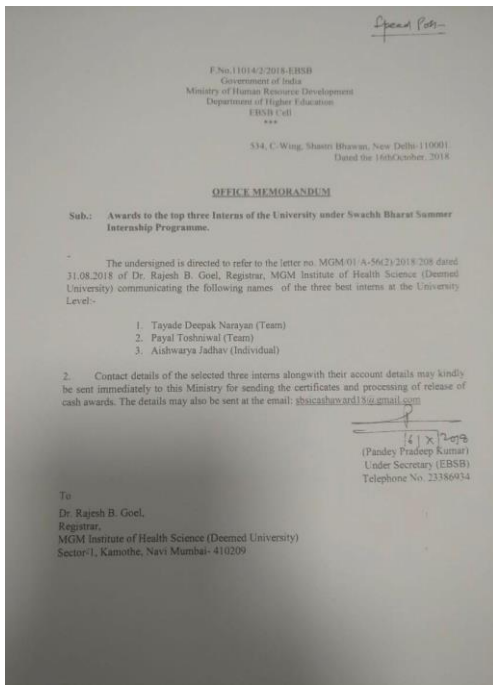
- Family visit, interaction with family Members with help of Socialwork techniques
- Social service Camp, diagnostic camps in community, MJPJAY camps, Blood Donation Camps
- Village Survey & Social Mapping
- Health education on Common ailments in community with the help of Role play, IEC, songs & video
- 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.

As MGM Institute of Health Sciences has been actively involved in social & outreach activities, MGMIHS has future plan to have our Own NSS unit in 2018. MGMIHS has applied for own NSS unit in 2018 to Ministry of Youth & Sport Government of India. MGMIHS got allotment of NSS unit with 500 Capacity of NSS volunteers in 2019. In 2018 to 2019, we have selected volunteers who have aptitude of social work & community outreach work. That time MGMIHS NSS unit was in nascent stage & was gearing up for installation of NSS Unit & selection process of Programme officers & Programme Coordinator at Constituent colleges and university level respectively.

These volunteers were involved in following activities:

- Adaptation of villages under Unnat Bharat Abhiyan
- Environment sanitation
- Tree Plantation Drive
- No plastic use drive
- Walkthon for health
- Mumps Rubella campaign
- Health education
- Swatchatta Suvakshan
- Swatchha 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



## Glimpses of Activities:



Mapping of the village and Surveillance



Door to door campaign on segregation of waste





Capacity Building with Community stake holders

## **GRAM SABHA MEETING**

- A GRAM SABHA meeting was held at the Community Centre Dhodhani where Sarpanch and the villagers were present .
- The villagers were shown documentary movies on Swachhta.
- Professor Mr. Pradeep Sawardekar also explained the villagers, Importance of waste segregation, plastic hazards and proposal for compost pit construction.
- Various problems regarding waste disposal and other health issues faced by the village people were discussed with the Sarpanch.



**Gram Sabha meeting**



**Documentary on Swachhta**

## Tree plantation

- A tree plantation programme was carried out in Dhodhani village. People of the village were encouraged to plant and protect more and more trees .
- They were explained the importance of trees for the environment.



## Cleaning Drive

- A surveillance of the village was done and areas were picked to clean, along with the help of village workers.
- The waste collected from these areas were segregated into Dry and Wet waste.
- A drainage path was created and cleared thus preventing it from being a breeding place for the mosquitoes.







Drawing competition on Swachh Bharat



Demo on Hand Washing

## Dustbin Installation

- The group installed 2 separate dustbins for Dry and Wet Waste in the presence of the Sarpanch to avoid throwing waste into the river by the villagers.





**IEC on Environment Sanitation by student Volunteers**

## UNNAT BHARAT ABHIYAAN REPORT

Conceptualized by a group of dedicated faculty members of Centre for Rural Development and Technology, IIT Delhi, 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 higher academic institutions with local communities, and reorientation of curricula and R&D design of knowledge Institutions.

The Mission of Unnat Bharat Abhiyan is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

MGMIHS has been enrolled in UBA 2.0 and Navi Mumbai campus has adopted a cluster of 5 villages in Raigad District encompassing entire Group Gram Panchayat *Maldunge* in Panvel Tehsil which also is a part of catchment area Primary Health Centre, Nere which is a Rural Health & Training Centre for MGM Medical College, Navi Mumbai since 2018. The villages are *viz.* Dhamani, Dhodani, Dehrang, Tawarwadi, Waghachiwadi and all the hamlets / satellite habitats of these villages with around 6000 population.

### Major Activities Conducted in AY 2018-19

SR. NO.	ACTIVITY/ EVENTS	DATE/ PERIOD	DESCRIPTION
1	Gram Sabha	15 <sup>th</sup> August 18	A Gram Sabha was conducted at Maldunge Gram Panchayat with the participation of Office Bearers of Gram Panchayat and local people to identify their developmental issues and introducing them concept of UBA and role of MGMIHS
2	Family and Village Survey	06 <sup>th</sup> September - 20 <sup>th</sup> September 2018	A household survey was conducted by MGMIHS students of all constituent colleges - Department of Community Medicine of MGM Medical College, Nursing, School of Biomedical sciences, Physiotherapy and Prosthetics and Orthotics

3	Participatory Rural Appraisal in villages <ul style="list-style-type: none"> <li>● Dhamani</li> <li>● Dhodani</li> <li>● Dehrang</li> <li>● Waghachiwadi</li> <li>● Tawarwadi</li> </ul>	October 2018	Participatory rural appraisal (PRA) activity of each of the villages adopted under UBA was undertaken by Department of Community Medicine of Medical College and the individuals challenges faced by the villages was known from the villagers
4	Village Development Plan	November and December 2018	Based on the inputs from the villagers and assessing their needs, MGMIHS created a village development plan for the villages under UBA.
5	Spinal deformity awareness and screening camp	January 2019	With the initiative of college of Physiotherapy, a spinal deformity awareness camp was conducted in Dhamni. Before this a baseline survey was conducted in Dhamni to screen patients for musculoskeletal disorders.
6	Anaemia Assessment - Haemoglobin Estimation camp	March 2019	Haemoglobin estimation done in adolescent of Dhamni Zila Parishad and Private school using Sahli's method. IFA distribution for girls with Hb < 10 and IEC conducted on iron rich foods and improving nutrition in adolescent girls.
7	Screening for Developmental Disorders in children 2 months - 5 years.	April 2019	In collaboration with department of Physiotherapy a door to door survey aimed at screening for developmental disorders in children of age group of 2 months to 5 years was carried out in villages - Dhamni, Dhodani and Dehrang.
8	World Malaria Day Observance	April 2019	A community awareness skit and lecture performed on malaria, its transmission, signs and symptoms and prevention of various vector-borne diseases at village Dhamni & Dehrang.

9	Drinking water Stand-post inauguration and distribution of water carrying Jars	May 2019	In collaboration with Partner Agencies - Inner Wheel club of Bombay and Balwantrai Mehta Panchayat Raj Jagruti Kendra, Shantivan. Drinking ware stand posts were inaugurated at village Dodhani
10	Health survey on Tobacco Use	May 2019 Onwards	A door to door health survey was conducted in all villages using GATS questionnaire. The survey was conducted to gain insights regarding tobacco consumption and awareness of hazards for the same in the community.
11	Health Camps & General Health Check-ups	July 2018 – June 2019	Total 10 Multi-speciality Diagnostic Camps with 71 General Health Check-ups conducted during this period along with 35 Immunization Sessions for 2723 beneficiaries who were provided free of cost Medicines and Referral Services.

*A comprehensive Antenatal Program initiative by Medical College in UBA Villages.*

An Outreach activity of Department of Community Medicine in collaboration with Department of Obstetrics and Gynaecology, MGM Medical College, Navi Mumbai

### **Key Features**

Comprehensive Antenatal check-up program is based on the thought that if every pregnant woman is examined by a physician and appropriately investigated at least once during her pregnancy free of cost and then followed up, the process can result in remarkable reduction in the number of maternal and neonatal deaths.

- Antenatal check-up services would be provided by OBGY specialists/ Radiologists/ physicians.
- A minimum package of antenatal care services (including check-up, investigations and drugs) would be provided to the beneficiaries on the 3<sup>rd</sup> Wednesday of every month at MGM Women and Children Hospital, Kalamboli.
- Using the principles of a single window system, it is envisaged that a minimum package of investigations (including one ultrasound during the 2nd trimester of pregnancy) and medicines such as IFA supplements, calcium supplements etc. would be provided to all pregnant women attending the Comprehensive Antenatal Program.
- While the target would reach out to all pregnant women, special efforts would be made to reach out to women who have not registered for ANC (left out/missed

ANC) and also those who have registered but not availed ANC services (dropout) as well as High Risk pregnant women.

- Started in April 2019, till June 2019 around 35 women from interior area benefitted by programme.

### Photo Gallery



ANC Check-up Services



General Health Check up



Family and Village Survey



Gram Sabha at Maldunge Gram Panchayat





Participatory Rural Appraisal in villages

**UNNAT BHARAT ABHIYAN ACTIVITIES FOR 2018 -2019 IN ADOPTED VILLAGES**



**6<sup>th</sup> Oct 2018** Gramsabha at Bhindon village, Sarpanch, Gramsavak and other members from Bhindon village attended the meeting village survey format was filled.





**9<sup>th</sup> October 2018** Unnat Bharat Abhyan Households survey at Bindhon Village. 110 households in that village



**10<sup>TH</sup> OCTOBER 2018** Unnat Bharat Abhyan Health Checkup Camp at Bindhon Village. Beneficiaries 95 Referred 12



**12<sup>TH</sup> OCTOBER 2018** School Health Checkup Camp and Hand Washing Activity at Government School Bindhon Village



**12<sup>TH</sup> OCTOBER 2018** School Health Checkup Camp and Hand Washing Activity at Government School Bindhon Village



**16 Oct 2018** Mahila Kisan Din was celebrated for Mahila Kisan with special emphasis on Mahila Sakshmikaran.



**19 Oct 2018** Health Checkup at Vidya Arnyam School 80 students from primary school were benefited.



**19 Dec 2018** Gramsabha at Sindon village, Sarpanch, Gramsavak and other members from Bhindon village attended the meeting village survey format was filled.





**22nd Dec 2018** Unnat Bharat Abhyan Households survey at Sindhon Village. 150 Households in that Village





**28th Jan 2019** Unnat Bharat Abhiyan Households survey at Sivgad Tanda Village. 85 Households in that Village



**16th March 2019** Regional workshop at Amravati Maharashtra. Unnat Bharat sensitization workshop



**14th June 2019** opening of MGM's Primary Health center at Gandheli at MGM Hills near to cluster of villages under Unnat Bharat Abhiyan opened to cater the villages around.





**19th July 2019** Unnat Bharat Abhyan Households survey at Pardari Tanda Village. 60 Households in that Village



**9th Nov 2019** open defecation free survey under MGNCRE-DHE-MHRD-GOI-Swachhta Action Plan.



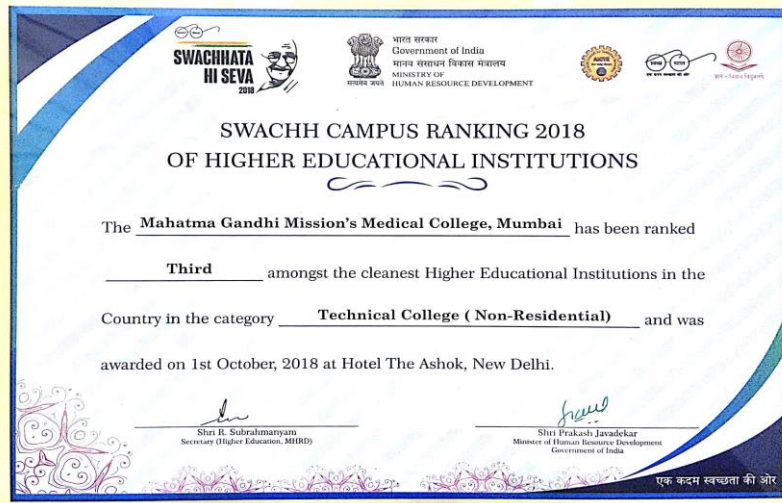


**28th Dec 2019** Under Unnat Bharat Abhiyan one day workshop was arranged for ASHA and Anganwadi workers on various topics like Anaemia, Immunization, Geriatric Health and NCD.



**09th Jan 2020** under Unnat Bharat Abhiyan plastic free drive was carried out in Sindon and Bhindon villages. 200 cloth bags were distributed.

## AWARDS



# UGC QUALITY MANDATE



## UNIVERSITY GRANTS COMMISSION QUALITY MANDATE



### Objectives



### Initiatives to be undertaken by HEIs

1. Student Centric Initiations including Induction Programme for students - *Deeksharambh*.
2. Learning Outcome based Curriculum Framework (LOCF)- revision of curriculum at regular intervals.
3. Use of ICT based learning tools for effective teaching-learning process including MOOCs and online degrees.
4. Imparting Life Skills (*Jeevan Kaushal*) to students.
5. Social and Industry connect for every institution: Every institution shall adopt at least 5 villages for exchange of knowledge and for the overall social/economic betterment of the village communities. University-Industry linkages to be promoted to improve employability.
6. Evaluation Reforms-test the concept, and application
7. Student Career Progression and Alumni Network.
8. Faculty Induction Programme (FIP), Annual Refresher Programme in Teaching (ARPIT) and Leadership Training for Educational Administrators (LEAP).
9. Scheme for Trans-disciplinary Research for India's Developing Economy (STRIDE) and Consortium for Academic & Research Ethics (CARE).
10. Mentoring of non-accredited institutions (PARAMARSH).

### All Higher Education Institutions shall strive by 2022 to:

- improve the graduate outcomes for the students to ensure that they get access to employment/self-employment or engage themselves in pursuit of higher education.
- promote linkage of students with the society and industry to ensure that at least 2/3rd of the students engage in socially productive activities and get industry exposure during their period of study in the institutions.
- train the students in essential professional and life skills such as team work, communication skills, leadership skills, time management skills etc; inculcate human value sand professional ethics, and the spirit of innovation/ entrepreneurship and critical thinking among the students and promote avenues for display of these talents.
- ensure that vacancies of teaching posts at any point of time do not exceed 10% of the sanctioned strength; and 100% of the teachers are oriented about the latest and emerging trends including ICT in their respective domains of knowledge, and the pedagogies that disseminate their knowledge to the students.
- every institution shall get NAAC accreditation with a minimum score of 2.5 by 2022.

### Initiatives to be taken by HEIs



## **ACADEMIC & ADMINISTRATIVE AUDIT REPORT**

**Academic and Administrative Audit Committee**

**Mahatma Gandhi Mission Institute of Health Sciences, Navi Mumbai**

### **Letter of Transmittal**

Dear Dr Shashank D. Dalvi

It gives us great pleasure in presenting the Report of the Academic and Administrative Audit Committee.

We take this opportunity to express our sincere gratitude to the management, Chancellor and to you for the confidence and trust you have shown in assigning the responsibility of conducting the mid-term Academic and Administrative Audit of your Institution. We would also like to thank your fine team of faculty, staff and students for their efforts in preparing and sharing with the Committee members the voluminous data during the audit process.

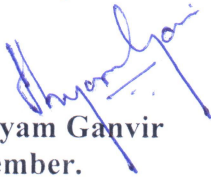
The process of reviewing the Self Study Report of MGMIHS, visiting individual departments and interacting with your faculty, staff, students, their parents and the alumni individually and in groups was a memorable experience for the members. The Committee felt that preparing the AAA report as per the new NAAC Institutional Accreditation Manual for Self-Study Report – Universities (Jan 2018) will be a valuable experience as the Manual has included information from a wide range of academic and administrative activities under Qualitative and Quantitative Metrics (Q<sub>i</sub>M and Q<sub>n</sub>M).

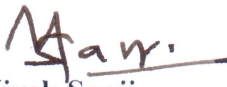
The diligence and attention to detail your team had shown in facilitating the audit process was admirable and made the Committee's task that much simpler and satisfying. The readiness and patience shown by them to respond to the Committee members' requests for added information and clarifications as the report was being prepared was no less remarkable.


We wish to assure you that the members of the Academic and Administrative Audit Committee have taken the utmost care in compiling the data and arriving at consensus on the views expressed in this report. In doing so, the members have tried to gather information included under quantitative metrics (Q<sub>n</sub>M) from a perceptual viewpoint. The members have also taken care to prepare and present their findings in a comprehensive and accessible manner and hope it reflects the


Institution's accomplishments and aspirations while pointing attention to areas where a greater amount of energy and attention would help to bring out MGMIHS's capabilities to greater heights of realization.

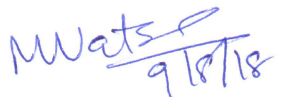
The members wish to reiterate their willingness to be available for any further comments or clarifications MGMIHS might desire to seek in future regarding the observations and views expressed in this report.

  
Dr, Shyam Ganvir  
Member.

  
Dr. Vivek Saoji  
Member

  
Dr S. Rangaswami  
Chairperson

  
Dr. Y.M. Jayaraj  
Member

  
Dr Manju Vatsa  
Member

Navi Mumbai  
9th August 2018,

## **General Observations**

1. Mahatma Gandhi Mission Institute of Health Sciences with its constituent colleges in the two campuses has gained a high degree of social recognition and reputation in the region.
2. The Institution has implemented curricula for its programs in keeping with the recommendations of the statutory bodies and in response to emerging needs in the healthcare sector.
3. Several measures have been introduced to promote student-centric learning.
4. The thrust given to education in Bioethics, fostering universal values and community service is notable.
5. The Institution has been successful in creating and updating physical facilities and other supports for teaching learning, research and community service.
6. The academic qualifications and experience of the teaching faculty meet regulatory bodies requirements..
7. The Institution has introduced steps to encourage and facilitate research including physical facilities, provision of seed money etc.
8. A significant number of extension and social outreach programs in which students participated were conducted in the last 5 years.
9. The Institution has signed MoUs for academic/research activities with several centers/institutions.
10. The facilities for teaching learning, clinical training and learning in the community setting are adequate.
11. The central library in both campuses are stocked with adequate number of books, journals and electronic learning resources.
12. Indoor and outdoor facilities for sports/games and cultural activities are adequate.
13. Budget allocation for maintenance and upgradation of infrastructure and facilities including library resources is adequate.
14. The Institution has adequate ICT-supported learning devices and facilities.
15. The Student Council is active and plays a leading role in all student-related activities.
16. There is evidence of effective leadership, participatory management and due delegation of responsibilities in the governance of the Institution.
17. The Institution is in the process of preparing a perspective plan document (Vision 2025) to guide its future growth.

18. The IQAC was established in 2014 and has been active in spearheading quality issues in the Institution.
19. The Institution has initiated steps to implement e-governance strategies in academic and administrative activities.
20. Students and the teaching and non-teaching staff expressed overall satisfaction with student support and welfare measures extended by the Institution. There was however some dissatisfaction on compensation.
21. The Institution has a proficient financial management system and regular internal and external audits have not been able to attract students.
22. Accessibility for differently-abled needs improvement.
23. Some of the courses offered
24. MGMIHS has defined its graduate attributes.
25. Students and staff expressed overall satisfaction on the amenities provided and safety and security in the campus.
26. The Institution has implemented satisfactory measures for conserving energy, environmental protection and green initiatives, rain-water harvesting and disposal of hazardous biomedical and electronic waste.
27. The Best Practices highlighted by the Institution include: Promoting value-based education to inculcate professionalism and social commitment, Competency-based skill development among health care professionals and community and Integrated approach to Teaching-Learning.



## **Recommendations**

1. Structured feedback forms may be prepared to assess the effectiveness of teaching learning, teacher performance and the student perception of innovative programs and value-added courses.
2. More number of research projects funded by National/International funding agencies may be taken up.
3. MGMIHS needs to consider fostering innovative research proposals by faculty and students.
4. Research proposals and publications by faculty may be encouraged by providing more incentives.
5. Provision of campus-wide Wi Fi facility may be made available.
6. Complete automation of library functions may be carried out.
7. The Central Library may introduce steps to increase library usage by students and teachers.
8. The Institution may explore measures to increase the students benefited by career counseling and other capability enhancing schemes.
9. Performance appraisal system for the teaching and non-teaching staff may be enhanced.
10. Meetings of the Planning and Monitoring Board may be held on a regular basis.
11. Guidelines on student conduct may be added in the Student Handbook.
12. Provisions for handling student grievances may be included in the Examination Manual.
13. IQAC may prepare and ensure implementation of annual perspective plan.
14. The students perspective on mandatory uniform may be reconsidered.

**MAHATMA GANDHI MISSION**

**MGM INSTITUTE OF HEALTH SCIENCES**

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

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