

MAHATMA GANDHI MISSION MGM INSTITUTE OF HEALTH SCIENCES

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

Accredited with Grade 'A⁺⁺'



ANNUAL REPORT
2022-23



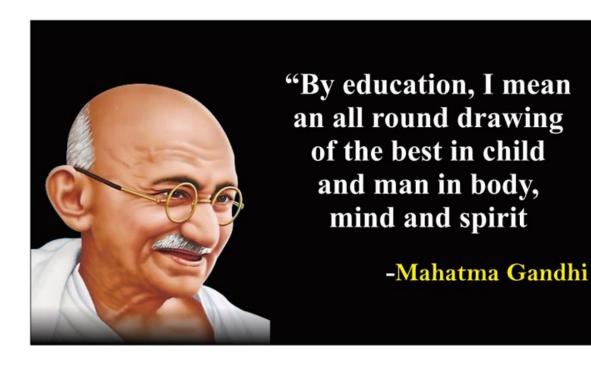
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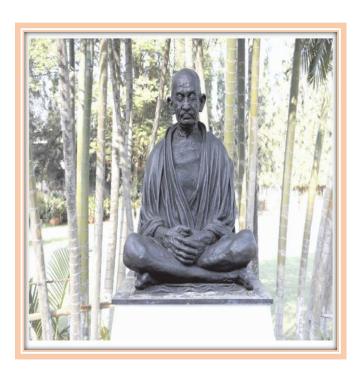
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ANNUAL REPORT 2022 - 23

OUR ROLE MODEL



INSPIRING MINDS



'To wipe every tear from every eye. '
Mahatama 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.

INDEX

Sr. No.	CHAPTER	Page No.
1.	Advisory Committee	01
2.	Editorial Board	02
3.	Messages of University Authorities	03-07
4.	Mahatma Gandhi Mission Trust	08-09
5.	MGM Institute of Health Sciences	10-15
6.	MGMIHS Authorities	16-32
7.	Internal Quality Assurance Cell	33-36
8.	MGMIHS Centre of Excellence	37-86
9.	Glimpse of 17 TH & 18 th Convocation of MGMIHS	87-90
10.	MGMIHS Research and Extension Activities	91-146
11.	Constitutent Units of MGMIHS MGM Medical College, Navi Mumbai MGM Medical College, Aurangabad MGM School of Physiotherapy, Navi Mumbai MGM School of Physiotherapy, Aurangabad MGM New Bombay College of Nursing, Navi Mumbai MGM School of Biomedical Sciences, Navi Mumbai MGM School of Biomedical Sciences, Aurangabad University Department of Prosthetics and Orthotics, Navi Mumbai	147-317
12.	NSS Report	318-324
13.	MGMIHS Bioethics Unit	325-338
14.	Unnat Bharat Abhiyan Report	339-360
15.	MGMIHS Clinical Trial Centre	361-370
16.	MGMIHS Media Lab	371-373
17.	MGMIHS Physical Education and Sports Section	374-386
18.	MGMIHS Rhythm	387-396
19.	Awards	397-399



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ADVISORY COMMITTEE



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



Dr. Nitin N. KadamPro-Vice Chancellor, MGMIHS, Navi Mumbai



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



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



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



Dr. R.B. BohraDean, MGM Medical College & Hospital,
Aurangabad



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

EDITORIAL BOARD



Dr. Rajesh B. Goel *Registrar, MGMIHS MGMIHS, Navi Mumbai*



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MGMIHS, Aurangabad



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MGM Medical College and
Hospital Navi Mumbai



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I/C Director

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MGM New Bombay College of
Nursing, Navi Mumbai



Dr. Rajani MullerpatanDirector

MGM School of Physiotherapy,

Navi Mumbai



Dr. Uttara Deshmukh
I/C Principal,
University Department of
P & O, Navi Mumbai



Dr. Rajesh Dase I/C Director, MGM School of Biomedical Sciences, Aurangabad



Dr. Rinkle HotwaniI/C Director,

MGM School of physiotherapy

Aurangabad



Dr. Raman YadavTechnical Director
Central Research Laboratory,
MGM Medical College,



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



Dr. Ipseeta RayProfessor Department of
Pharmacology MGM Medical
College, Navi Mumbai







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.

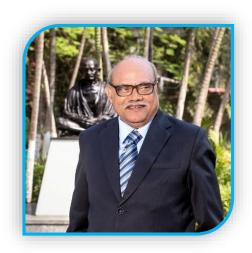
MGMIHS founded in 2006 with the aim to provide healthcare facilities to the neediest population as well as educating the younger generations to be independent and consistent and impart services for the society is the way by which MGMIHS has bloomed to be today.

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 nice 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 yams of life. Educating a child begins at home continuing its way through school into workplace and wider world. Education cannot be measured or

accomplished in a single day, single test or a single year. it's a lifelong journey that builds on success that leans on the foundations for learning. It's the overall contribution of every person, which aids in the building of the educational system thus an educational institute like MGM falls right into the category every parent dreams to put their ward into.

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

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

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

Medical Director & Former Vice Chancellor's Message



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

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

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

With the top-class facilities highly renowned experienced teachers and the scope of exposure towards the need of their required skill shall render individuals that shall be renowned and highly successful in the near future. Thus, it's rightly said by GREG REID "A dream written down with a date becomes a goal.

A goal broken down into steps becomes a plan.

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

Dr. Sudhirchandra N. Kadam *Medical Director & Former Vice Chancellor MGMIHS*

Vice Chancellor's Message



The academic year 2022-23 is the landmark year for the MGM Institute of Health Sciences. The Institute adopted policy for improving quality of all the educational units.

MGMIHS has completed 2nd cycle of accreditation by NAAC in this academic year. This year is different from other years. On one hand the various units have joined the hands with the Health Department of Corporation for fighting successfully against Covid pandemic. On other side faculty have adopted on line teaching style so that the students will not lose their academic term. Simultaneously to work for quality assessment by NAAC on three dimensions - Student Satisfaction

Survey, Data Validation and Verification and preparation for PEER Team visit. The institute is already having 'A' grade with CGPA of 3.07 achieved in the year 2014. The large efforts for quality improvement has been then taken by former Vice-Chancellor Dr. Sudhir Kadam. I continued same with more vigour after joining in 2018. All the stakeholders are motivated for the same and they have contributed a lot. Students, Alumni, Teaching & Non-teaching staff, Patients and Management have contributed in this endeavor. This has yielded the desired result. The MGMIHS has achieved NAAC grade of A++ with CGPA 3.55 on 19th July 2022. Our units are having accreditation for various quality parameters which are prescribed by Quality Council of India. Our hospitals are NABH accredited, Laboratories are NABL accredited and the Research laboratories are SIRO recognized. MGMIHS is always participating in NIRF ranking and in this year also ranked in between top 100-150 universities of the India. Under Atal ranking of institutions on innovation achievements the MGMIHS is recognized in the band "PROMISING" category. Institution Innovation Council (IIC) was awarded 3-star recognition in the year 2021-22. Any way this was challenging year and MGMIHS faced it successfully.

All the best wishes and thanks to our dedicated faculty, staff members, vibrant student community, alumni who are serving as health professional globally and our benevolent management for supporting the institute in this year.

Dr. Shashank D DalviHon'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



MGM TRUST (20 December 1982)

Mahatma Gandhi Mission, a Charitable Trust was established on 20th December, 1982, with a vision to provide excellence in professional education, affordable health services, to promote research and innovation. Mahatma Gandhi Mission which started with a moto 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 heath 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 aborad.

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 & 2017 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." The MGMIHS achieved NAAC "A" grade status in 2014 and now in second cycle its quality initiatives helped to achieved NAAC "A++"grade status.

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 5000 students enrolled in different colleges and departments in the two campuses. During the academic year 2020, the University had admitted about 1101 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.





CGPA - 3.07 (Since 2014)





Hospitals



Laboratories



Research Facilities At Both Campuses





A1 Grade Hospitals



Bioethics Unit



2.5 Star (2019-20) 4.0 Star (2020-21)



Promising Band (2021)









23 Departments Recognised by **National & International Organisations**



Department Of OBGY Navi Mumbai - 2017



Department Of Paediatrics Navi Mumbai - 2018







Bio Medical Sciences & Physiotherapy













Medical College & Hospital (Navi Mumbai & Aurangabad)

Guidance of International Experts



Prof. Dr. S. Chandrashekar Shetty Former Vice Chancellor **RGUHS Bangalore**



Prof. Dr. S. Rangaswami Former Vice Chancellor Sri Ramchandra University, Chennai



Thyagarajan Former Vice Chancellor, University of Madras



Prof. Dr. Tejinder Singh AMRITSAR

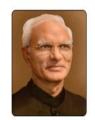


Professor, Pediatrics- SGRIMSR Former Director AIIMS, New Delhi National Professor E-Meritus



Dr. Bhushan Patwardhan Former Vice - Chairman UGC, New Delhi

Medicine, New York



Prof. Dr. Ved Prakash Former Chairman UGC, New Delhi



Prof. Dr. A N Supe Former Director(ME & MH) and Dean Seth GS Medical College, Mumbai



Prof. Dr. M C Misra Former Director AIIMS, New Delhi



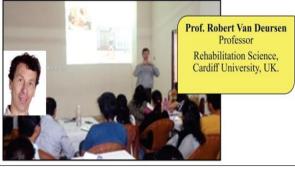
Prof. T. Dileep Kumar President Indian Nursing Council

Guidance of Eminent Educationist









Nationally Recognised Faculty



HOD (Physiology) MGM Medical College



Dr. Pravin Suryawanshi HOD (General Surgery) MGM Medical College, Aurangabad



Dr. Raman P. Yadav Prof. & HOD MGMIHS **OMICS Research** Centre, Navi Mumbai



Dr. S H Talib Prof. (Gen. Medicine) MGM Medical College, Aurangabad

Honorary / Visiting Faculty



Dr. Sudhir G. Kulkarni HOD (Nephrology) MGM Medical College, Aurangabad

Dr. Rajani Mullerpatan

Physiotherapy Navi Mumbai



Dr.(Mrs.) Prabha Dasila Principal MGM New Bombay College of Nursing, Navi Mumbai



Dr. Vishwas Sathe Prof.(Anaesthesia) MGM Medical College, Navi Mumbai

Dr. Sameer Kadam



Paediatric Endocrinologist MGM Medical College, Navi Mumbai



Dr. S. K Kaul Prof. CVTS MGM Medical College,

Navi Mumbai



Dr. (Mrs.) Mansee Thakur In-charge Director, MGM SBS, Navi Mumbai

Dr. Maninder Setia

Epidemiologist

Health Sciences

MGM Institute of



Prof. Hemangi Jerajani Prof. & HOD Dermatology MGM Medical College

Kamothe, Navi Mumbai



Dr. Bani Ganguly **Prof. Genetics** MGMIHS, Navi Mumbai

Prominent Alumni of MGMIHS



Dr. Nitish Mathew (PT) Senior Physiotherapist at Australian Health Professionals Group



Dr. Nikhil Bhuskute Consultant Radiologist, Calderdale and Hudderfield NHSFT Honorary Professor of Radiology, MGM Institute of Health Sciences, India



Dr. Siddharth Badave Orthopedic Spine Surgeon Hartsville Orthopedics and Sports Medicine and Carolina Pines Regional Medical Center, Hartsville, South Carolina



Dr. Vedant Baliga Physical therapist Innovative Physical therapy and fitness center, Arcadia University, United States



Gargi Thakur NIRRH, (ICMR)



Dr. Bhushan Thakur PDF in NIH, USA



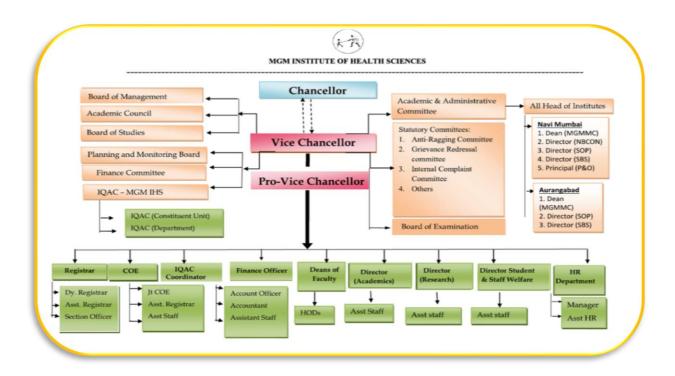
Shraddha Bobade (Anesthesia Technician) Tata Memorial Centre, Kharghar



Radha Subramanian Senior Scientist, Yumanity Therapeutics, Boston, Massachusetts



ORGANOGRAM OF MGMIHS



CONSTITUENT COLLEGES:

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

MGMIHS AUTHORITIES

BOARD OF MANAGEMENT

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

ACADEMIC COUNCIL

Sr. No	Category	Name	Location
1.	Vice Chancellor -Chairperson	Dr. Shashank D. Dalvi	MGM Institute of Health Sciences,
			Navi Mumbai
2.	Pro Vice Chancellor	Dr. N. N. Kadam	MGM Medical College, Navi
	B (5 1)	D. C.C. M. L. W.	Mumbai
	Deans of Faculties	Dr. G.S. Narshetty Dean Faculty (Medical–PG)	MGM Medical College, Navi Mumbai
3.		Dr. R. B. Bohra	MGM Medical College, Aurangabad
		Dean Faculty (Medical–UG)	WOW Wedical College, Aurangabad
		Dr.(Mrs.) Prabha Dasila	MGM New Bombay College of
		(Nursing & AHS)	Nursing Navi Mumbai
4.	Heads of the Departments	Dr. (Mrs.) Anjali Sabnis (Anatomy)	MGM Medical College, Navi
			Mumbai
		Dr. Gautam A. Shroff (Anatomy)	MGM Medical College, Aurangabad
		Dr. Rita M. Khadkikar (Physiology)	MGM Medical College, Navi
			Mumbai
		Dr. S.R. Phatale (Physiology)	MGM Medical College, Aurangabad
		Dr. Santosh Gawali (Biochemistry)	MGM Medical College, Navi
			Mumbai
		Dr. Dhananjay V. Bhale (Biochemistry)	MGM Medical College, Aurangabad
		Dr. Anahita B. Hodiwala (Microbiology)	MGM Medical College, Navi Mumbai
		Dr. (Mrs.) Manjushree Vijay Mulay	MGM Medical College, Aurangabad
		(Microbiology)	WOW Wedical Conege, Adrangabad
		Dr. P.N. Khandelwal (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. Ajay Shendarkar (FMT)	MGM Medical College, Navi
		D. M. I. I. D. II. I. I. J. GEMEN	Mumbai
		Dr. Mahesh Panditrao Jambure (FMT) Dr. Prasad Waingankar (Community	MGM Medical College, Aurangabad MGM Medical College, Navi
		Medicine)	Mumbai
		Dr. Shobha B. Salve (Community	MGM Medical College, Aurangabad
		Medicine)	
		Dr. (Mrs.) Jaishree Ghanekar	MGM Medical College, Navi
		(General Medicine)	Mumbai
		Dr. Naik Manjiri Rajiv (General	MGM Medical College, Aurangabad
		Medicine)	
		Dr. Vijay Kamale (Paediatrics)	MGM Medical College, Navi
			Mumbai
		Dr. Madhuri Bhagwanrao Engade (Paediatrics)	MGM Medical College, Aurangabad
		Dr. Pradeep Potdar (TB & Chest)	MGM Medical College, Navi
		Di. Flaueep Fotual (TD & Cliest)	Mumbai
		Dr. Ashish S. Deshmukh (TB & Chest)	MGM Medical College, Aurangabad
		Dr. Shylaja S (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. Jessy Vennel (Anesthesilogy)	MGM Medical College, Navi Mumbai
Dr. Sasturkar Vasanti Mukund	MGM Medical College, Aurangabad
(Anaesthesia)	
Dr. Preeti Kapoor (Radiology)	MGM Medical College, Navi Mumbai
Dr. Prasanna S. Mishrikotkar (Radiology)	MGM Medical College, Aurangabad
Dr. Sameer Kadam (General Surgery)	MGM Medical College, Navi Mumbai
Dr. Bhaskar Musande (General Surgery)	MGM Medical College, Aurangabad
Dr. Pravin R. Suryawanshi	MGM Medical College, Aurangabad
(Hepato Pancreato Biliary Surgery)	
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. Rahul Kadam (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. Prashant P. Udgire (Cardiology)	MGM Medical College, Aurangabad
Dr. Piyush Singhania (Urology)	MGM Medical College, Navi Mumbai
Dr. Martand G. Patil (Urology)	MGM Medical College, Aurangabad
Dr. D. B. Bhusare (Emergency Medicine)	MGM Medical College, Navi Mumbai
Dr. Bharat Dhareshwar (Geriatrics)	MGM Medical College, Navi Mumbai
Dr. Kshitija Gadekar (Nephrology)	MGM Medical College, Aurangabad
Dr. Srivalli Natrajan	MGM Medical College, Navi
(Oral Maxillofacial Surgery)	Mumbai
Dr. Rajesh P. Jambure (Dentistry)	MGM Medical College, Aurangabad
Dr. Ashish Jadhav (Traumatology &	MGM Medical College, Navi
Surgery)	Mumbai
Dr. Rakesh Thamke (Family Medicine)	MGM Medical College, Navi Mumbai
Dr. Rajani Mullerpatan	MGM School of Physiotherapy, Nav
(Physiotherapy)	Mumbai
Dr. (Mrs.) Bela Agarwal	MGM School of Physiotherapy, Nav
(Physiotherapy)	Mumbai
Dr. Rinkle Hotwani (Physiotherapy)	MGM School of Physiotherapy, Aurangabad
Dr. (Mrs.) Mansee Thakur	MGM School of Biomedical
(Biotechnology)	Sciences, Navi Mumbai

			Dr. Rajesh Dase (Biomedical Sciences)	MGM School of Biomedical Sciences, Aurangabad
			Dr. (Mrs.) Ponchitra R. (Nursing)	MGM New Bombay College of
				Nursing, Navi Mumbai
		Mrs. Uttara Deshmukh	MGM Institute's University	
		(Prosthetics & Orthotics)	Department of Prosthetics & Orthotics	
			Dr. Raman P. Yadav (Biotechnology)	MGMIHS OMICS, Research Centre,
			Di. Naman i. radav (Biotecimology)	Navi Mumbai
	5.	Ten Professors other than the Heads of the Departments	Dr. (Mrs.) Ipseeta Ray (Pharmacology)	MGM Medical College, Navi Mumbai
		(by rotation based on inter- se	Dr. Z.G. Badade (Biochemistry)	MGM Medical College, Navi
		seniority)		Mumbai
		· · · · · · · · · · · · · · · · · · ·	Dr. (Mrs.) Ujjwala Maheswari	MGM Medical College, Navi
			(Pathology)	Mumbai
			Dr. Bageshree Seth (Paediatrics)	MGM Medical College, Navi
				Mumbai
			Dr. Mitesh Thakkar (General Medicine)	MGM Medical College, Navi Mumbai
			Dr. Lisha Suraj (General Surgery)	MGM Medical College, Navi
			3 ()	Mumbai
			Dr. (Mrs.) Shaifali Patil (OBGY)	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) Dr. Shilpa Deshmukh (Cardiology)	MGM Medical College, Aurangabad MGM Medical College, Navi
			Dr. Shiipa Deshiinakii (Cardiology)	Mumbai
	6.	Two Associate Professors from	Dr. Samir Pachpute (Microbiology)	MGM Medical College, Navi
		the Departments other than the		Mumbai
		Heads of the Departments (by	Dr. Sangita Arun Adchitre (Community	MGM Medical College, Aurangabad
		rotation based on inter- se	Medicine)	
	7.	seniority) Two Assistant Professors from	Dr. Rajesh Kadam (Pharmacology)	MGM Medical College, Aurangabad
	7.	the Department	Dr. Shreeja Nair (Respiratory	MGM Medical College, Navi
		(by rotation of seniority)	Medicine)	Mumbai
	8.	Three persons from amongst	Dr. Kailash Sampatlal Sharma	External Invitee
		educationist of repute of persons	•	Dean Academics Projects Tata
		from any other field related to		Memorial Centre Dr. Ernest Borges Marg, Parel, Mumbai
		the activities of the Institution		External Invitee
		deemed to be University who are not in the service of the		Vice President, Academics, Public
		Institution deemed to be	Prof. Sanjay Zodpey	Health Foundation of India, New
		University, nominated by the Vice		Delhi, Director – Indian Institute of
		Chancellor	Du Cidalhamb Dubhardi	Public Health, Delhi
			Dr. Siddharth Dubhashi	External Invitee Dean (Student Welfare)
				Professor and Head, Department of
				Surgery, AIIMS Nagpur
ſ	9.	Three persons who are not	Dr. S.N. Kadam	Medical Director
		teacher co-opted by the	Dr. N.C. Mohanty	MGM Institute of Health Sciences,
		Academic Council for their	Dr. Chandramani Pathak	Navi Mumbai
		specialized knowledge	Di. Chandramani i attiak	Director (Research & Development Cell) MGMIHS, Navi Mumbai
-	10.	Controller of Examination	Dr. Parineeta Samant	MGM Medical College, Navi
		Permanent Invitee		Mumbai

11.	The Registrar, who shall be the Secretary of the Academic Council	Dr. R.B. Goel	MGM Institute of Health Sciences, Navi Mumbai
12.	Special Invitee	Dr. P.M. Jadhav	Vice Chairman, MGM Institute of Health Sciences
13.	Special Invitee	Dr. Ajit Shroff	Medical Director, MGM Medical College & Hospital, Aurangabad
14	Special Invitee	Dr. K. R. Salgotra (Hospital Director)	MGM Medical College, Navi Mumbai
15	Special Invitee	Dr. (Mrs.) Swati S. Shiradkar (IQAC Coordinator, Aurangabad)	MGM Medical College, Aurangabad
16	Special Invitee	Dr. Vishwas Sathe (Skill Lab Coordinator)	MGM Medical College, Navi Mumbai
17	Special Invitee	Dr. S. H. Talib (Professor Emeritus)	MGM Medical College, Aurangabad
18	Special Invitee	Dr. Sudhir G. Kulkarni (Nephrology)	MGM Medical College, Aurangabad

FACULTY OF MEDICINE

Sr. No.	Category	Name	
1.	Chairperson 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.	Member Chairperson, BOS - Preclinical	Dr. Dhananjay V. Bhale	
4.	Member Chairperson, BOS - Paraclinical	Dr. Deepak S. Bhosale	
5.	Member Chairperson, BOS - Medicine & Allied	Dr. Naik Manjiri Rajiv	
6.	Member Chairperson, BOS - Surgery and Allied	Dr. Lisha Suraj	
7.	Member Chairperson, BOS - Superspecialty	Dr. Shilpa Deshmukh	
8.	Member Co-Chairperson, BOS - Preclinical	Dr. (Mrs.) Anjali Sabnis	
9.	Member Co-Chairperson, BOS - Paraclinical	Dr. Shilpi Sahu	
10.	Member Co-Chairperson, BOS - Medicine & Allied	Dr. Vijay Kamale	
11.	Member Co-Chairperson, BOS - Surgery and Allied	Dr. Lakshmi Rachakonda	
12.	Member Co-Chairperson, BOS - Superspecialty	Dr. Kshitija Gadekar	
13.	Controller of Examinations (Permanent Invitee)	Dr. Parineeta Samant	
14.	Member Secretary	Dr. R.B. Goel	
Hon'ble Vice Chancellor, Pro-Vice Chancellor, Vice Chairman MGMIHS Trust Dr. P.M. Jadhav are permanent Invitee for their guidance.			

20

FACULTY OF NURSING AND ALLIED HEALTH SCIENCES

Sr. No	Name	Designation
1.	Dr. Prabha Dasila	Chairperson
	Dean Faculty (Nursing & AHS) & Principal,	
	MGM New Bombay College of Nursing, Navi Mumbai	
2.	Dr. (Mrs.) Ponchitra R.	Member
	Professor & Vice Principal,	
	MGM New Bombay College of Nursing, Navi Mumbai	
3.	Dr, Rinkal Hotwani	Member
	In Charge Principal for MGM School of Physiotherapy, Aurangabad	
4.	Dr. Bela Agarwal	Member
	Principal,	
	MGM School of Physiotherapy, Navi Mumbai	
5.	Dr. Mansee Thakur	Member
	In-Charge Director,	
	MGM School of Biomedical Sciences, Navi Mumbai	
6.	Dr. Rajesh Dase	Member
	Acting Principal,	
	MGM School of Biomedical Sciences, Aurangabad	
7.	Mrs. Uttara Deshmukh	Member
	I/C HOD, MGM Institute's University Department of P & O, Navi Mumbai	
8.	Dr. R. B. Bohra	Permanent Invitee
	Dean, (Medicine –UG Faculty)	
	MGM Medical College, Aurangabad	
9.	Dr. G. S. Narshetty	Permanent Invitee
	Dean, (Medicine –PG Faculty)	
	MGM Medical College, Navi Mumbai	
10.	Dr. Parineeta Samant	Permanent Invitee
	Controller of Examinations, MGM Institute, Navi Mumbai	
11.	Dr. S.D. Dalvi	Permanent Invitee
	Hon'ble Vice Chancellor,	
	MGM Institute, Navi Mumbai	
12	Dr. N.N. Kadam	Permanent Invitee
	Pro-Vice Chancellor,	
	MGM Institute, Navi Mumbai	
13	Dr. P.M. Jadhav	Permanent Invitee
	Vice Chairman,	
	MGM Institute of Health Sciences, Navi Mumbai	
14	Dr. R.B. Goel	Member Secretary
	Registrar,	
	MGM Institute, Navi Mumbai	

BOARD OF STUDIES - PRE-CLINICAL

SR. NO.	NAME	DEPARTMENT	DESIGNATION	LOCATION
1.	Dr. Dhananjay V. Bhale (Chairperson)	Biochemistry	Prof. & HOD	MGM MC, Aurangabad
2.	Dr. (Mrs.) Anjali Sabnis (Co-Chairperson)	Anatomy	Prof. & HOD	MGM MC, Navi Mumbai
3.	Dr. Gautam A. Shroff	Anatomy	Prof. & HOD	MGM MC, Aurangabad
4.	Dr. Rita M. Khadkikar	Physiology	Prof. & HOD	MGM MC, Navi Mumbai
5.	Dr. S.R. Phatale	Physiology	Prof. & HOD	MGM MC, Aurangabad
6.	Dr. Santosh Gawali	Biochemistry	Prof. & HOD	MGM MC, Navi Mumbai
7.	Dr. (Mrs.) Bhavana Junagade	Anatomy	Associate Professor	MGM MC, Navi Mumbai
8.	Dr. Vaishali S. (Dhoot) Mandhana	Anatomy	Associate Professor	MGM MC, Aurangabad
9.	Dr. Yashoda Kattimani	Physiology	Associate Professor	MGM MC, Navi Mumbai
10.	Dr. (Mrs.) Kavita More	Biochemistry	Associate Professor	MGM MC, Navi Mumbai
11.	Dr. Deepali M. Vaishnav	Biochemistry	Professor	MGM MC, Aurangabad
12.	Dr. Yuvaraj J. Bhosale	Anatomy	Professor (additional), External invitee (Permanent Member)	LTMMC and General Hospital, Sion, Mumbai
13.	Dr. D.N. Shenvi	Physiology	Prof. & Head, External invitee (Permanent Member)	Seth GS Medical College & KEM Hospital, Parel Mumbai
14.	Dr. Anita Chalak	Biochemistry	Prof. & Head, External invitee (Permanent Member)	Seth GSMC and KEMH Parel, Mumbai-400012
15.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES - PARA CLINICAL

SR.	NAME	DEPARTMENT	DESIGNATION	LOCATION
NO.				
1.	Dr. Deepak S. Bhosale (Chairperson)	Pharmacology	Prof. & HOD	MGM MC, Aurangabad
2.	Dr. Shilpi Sahu (Co-Chairperson)	Pathology	Prof. & HOD	MGM MC, Navi Mumbai
3.	Dr. Chandrashekhar P. Bhale	Pathology	Prof. & HOD	MGM MC, Aurangabad
4.	Dr. (Mrs.) Anahita Hodiwala	Microbiology	Prof. & HOD	MGM MC, Navi Mumbai
5.	Dr. (Mrs.) Manjushree Vijay Mulay	Microbiology	Prof. & HOD	MGM MC, Aurangabad
6.	Dr. P.N. Khandelwal	Pharmacology	Prof. & HOD	MGM MC, Navi Mumbai
7.	Dr. Ajay Shendarkar	F. M. T.	Prof. & HOD	MGM MC, Navi Mumbai
8.	Dr. Mahesh P. Jambure	F.M. T.	Prof. & HOD	MGM MC, Aurangabad
9.	Dr. Shweta Dhole	IHBT	I/C HOD	MGM MC, Navi Mumbai
10.	Dr. Ujjwala Maheswari	Pathology	Professor	MGM MC, Navi Mumbai
11.	Dr. Manisha Tambekar	Pathology	Professor	MGM MC, Navi Mumbai
12.	Dr. Mrs. Pingle Suparna Sharad	Pathology	Associate Professor	MGM MC, Aurangabad
13.	Dr. (Mrs.) Ipseeta Ray	Pharmacology	Professor	MGM MC, Navi Mumbai
14.	Dr. Jyoti Bobde	Pharmacology	Associate Professor	MGM MC, Aurangabad
15.	Dr. Samir Pachpute	Microbiology	Professor	MGM MC, Navi Mumbai
16.	Mrs. Jyotsna Mishra	Microbiology	Assistant Lecturer	MGM MC, Aurangabad
17.	Dr. Prasad Jaybhaye	F. M. T.	Associate Professor	MGM MC, Aurangabad
18.	Dr. Shilpa Patel	Oral Pathology	Prof. & HOD	MGM Dental College, Navi Mumbai
19.	Dr. Jigna Pathak	Oral Pathology	Professor	MGM Dental College, Navi Mumbai
20.	Dr. Sudha Mani	Pathology	Professor External invitee (Permanent Member)	D.Y. Patil Medical College, Nerul
21.	Dr. Shirish Joshi	Pharmacology	Professor External invitee (Permanent Member)	GSMC and KEM Hospital Mumbai
22.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES – MEDICINE AND ALLIED

Sr. No.	Name	Department	Designation	Location
1.	Dr. Naik Manjiri Rajiv	General	Prof. & HOD	MGM MC, Aurangabad
	(Chairperson)	Medicine		
2.	Dr. Vijay Kamale	Pediatrics	Prof. & HOD	MGM MC, Navi Mumbai
	(Co-Chairperson)			
3.	Dr. (Mrs.) Jaishree	General	Prof. & HOD	MGM MC, Navi Mumbai
	Ghanekar	Medicine		
4.	Dr. Madhuri B. Engade	Pediatrics	Associate Prof. & HOD	MGM MC, Aurangabad
5.	Dr. Prasad Waingankar	Community Medicine	Prof. & HOD	MGM MC, Navi Mumbai
6.	Dr. Shobha B. Salve	Community	Prof. & HOD	MGM MC, Aurangabad
		Medicine		
7.	Dr. Rakesh Ghildiyal	Psychiatry	Prof. & HOD	MGM MC, Navi Mumbai
8.	Dr. Manik C. Bhise	Psychiatry	Prof. & HOD	MGM MC, Aurangabad
9.	Dr. (Mrs.) Shylaja Someshwar	Skin & VD	Prof. & HOD	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. Bharat Dhareshwar	Geriatrics	I/C HOD	MGM MC, Navi Mumbai
15.	Dr. Rakesh Thamke	Family Medicine	Associate Prof. & I/C HOD	MGM MC, Navi Mumbai
16.	Dr. Mrunal Mahendra	Community	Professor	MGM MC, Navi Mumbai
	Pimparkar	Medicine		
17.	Dr. (Mrs.) Swati M. Mahajan	Community Medicine	Professor	MGM MC, Aurangabad
18.	Dr. (Mrs.) Bageshree Seth	Pediatrics	Professor	MGM MC, Navi Mumbai
19.	Dr. (Mrs.) Anjali V. Kale	Pediatrics	Professor	MGM MC, Aurangabad
20.	Dr. Vijaykumar S. Gulve	Medicine	Associate Professor	MGM MC, Aurangabad
21.	Dr. (Mrs.) N. D. Moulick	Medicine	Prof. External invitee (Permanent Member)	D.Y. Patil Medical College, Mumbai
22.	Dr. G. D. Velhal	Community Medicine	Prof. & Head, External invitee (Permanent Member)	B K L Walawalkar Rural Medical College, Kasarwadi (BKLWRMC), At post Savarda.
23.	Dr. Rajesh Rai	Pediatrics	Head of Dept. External Invitee (Permanent Member)	DY Patil Medical College, Navi Mumbai
24.	Dr. S. H. Talib	Medicine	Professor External invitee (Permanent Member)	MGM MC, Aurangabad
25.	Dr. R. B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES - SURGERY AND ALLIED

SR. NO.	NAME	DEPARTMENT	DESIGNATION	LOCATION
1.	Dr. Lisha Suraj (Chairperson)	Surgery	Professor	MGM MC, Navi Mumbai
2.	Dr. Lakshmi Rachakonda (Co-Chairperson)	OBGY	Prof. & HOD	MGM MC, Aurangabad
3.	Dr. Sushil Kumar	OBGY	Prof. & HOD	MGM MC, Navi Mumbai
4.	Dr. Pravin R. Suryawanshi	Hepato Pancreato Biliary Surgery	Prof. & HOD	MGM MC, Aurangabad
5.	Dr. Sameer Kadam	General Surgery	Prof. & HOD	MGM MC, Navi Mumbai
6.	Dr. Bhaskar Musande	General Surgery	Prof. & HOD	MGM MC, Aurangabad
7.	Dr. (Mrs.) Kalpana Rajivkumar	ENT	Prof. & HOD	MGM MC, Navi Mumbai
8.	Dr. Reena Vare	ENT	Prof. & HOD	MGM MC, Aurangabad
9.	Dr. (Mrs.) N. Abidi	Ophthalmology	Prof. & HOD	MGM MC, Navi Mumbai
10.	Dr. J. P Mishrikotkar	Ophthalmology	Prof. & HOD	MGM MC, Aurangabad
11.	Dr. Rahul Kadam	Orthopaedics	Prof. & HOD	MGM MC, Navi Mumbai
12.	Dr. Rajendra N. Shewale	Orthopaedics	Prof. & HOD	MGM MC, Aurangabad
13.	Dr. Jessy Vennel	Anaesthesia	Prof. & HOD	MGM MC, Navi Mumbai
14.	Dr. Ashutosh Chitnis	Radio - Diagnosis	Prof. & HOD	MGM MC, Navi Mumbai
15.	Dr. Devidas Dahiphale	Radio - Diagnosis	Prof. & HOD	MGM MC, Aurangabad
16.	Dr. Sanjay Doke	Traumatology & Surgery	Prof. & HOD	MGM MC, Navi Mumbai
17.	Dr. (Mrs.) Shaifali Patil	OBGY	Professor	MGM MC, Navi Mumbai
18.	Dr. Gauri N. Bapat	OBGY	Associate Professor	MGM MC, Aurangabad
19.	Dr. Pramod V. Bhale	Anaesthesia	Professor	MGM MC, Aurangabad
20.	Dr. A.Q. Khan	Surgery	Associate Professor	MGM MC, Aurangabad
21.	Dr. Amey Rathi	Dentistry	Assistant Professor	MGM MC, Aurangabad
22.	Dr. Srivalli Natrajan	Oral Maxillofacial Surgery	Prof. & HOD	MGM Dental College, Navi Mumbai
23.	Dr. Girish Bakshi	Surgery	Professor External invitee Permanent Member)	Grant Govt. Medical College, Mumba
24.	Dr. Kamlesh Chaudhari	OBGY	Prof. & Head External invitee (Permanent Member)	K.J. Somaiya Medical College Hospital & Research Centre Mumbai
25.	Dr. Narayan S. Arvikar	Ophthalmology	Dean & Professor External invitee (Permanent Member)	Dr. Ulhas Patil Medical College & Hospital, Jalgaon.
26.	Dr. R. B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES – SUPERSPECIALITY

Sr. No.	Name	Department	Designation	Location
1.	Dr. Shilpa Deshmukh (Chairperson)	Cardiology	Professor	MGM MC, Navi Mumbai
2.	Dr. Kshitija Gadekar (Co-Chairperson)	Nephrology	Prof. & Head	MGM MC, Aurangabad
3.	Dr. Sudhir G. Kulkarni	Nephrology	Professor Emeritus	MGM MC, Aurangabad
4.	Dr. Pravin R. Suryawanshi	Hepato Pancreato Biliary Surgery	Prof. & HOD	MGM MC, Aurangabad
5.	Dr. R. Rathod	Cardiology	Prof. & Head	MGM MC, Navi Mumbai
6.	Dr. Prashant Prabhakar Udgire	Cardiology	Prof. & Head	MGM MC, Aurangabad
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. Rohit Shahpurkar	CVTS	Professor	MGM MC, Navi Mumbai
11.	Dr. Yogesh P. Belapurkar	CVTS	Associate Professor	MGM MC, Aurangabad
12.	Dr. Ajay U. Mahajan	Cardiology	Professor External invitee (Permanent Member)	LTMC, Sion Hospital, Mumbai
13.	Dr. Ajit Sawant	Urology	Prof. & Head, External invitee (Permanent Member)	LTMC, Sion Hospital, Mumbai
14.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES – BIOMEDICAL SCIENCES

Sr. No	Name	Department	Designation	Location
1.	Dr. (Mrs) Mansee Thakur (Chairperson)	MGM School of Biomedical Sciences	In-charge Director, MGM SBS	MGM SBS Navi Mumbai
2.	Dr. Rajesh Dase (Co-Chairperson)	MGM School of Biomedical Sciences	Acting Principal, MGM SBS	MGM MC, Aurangabad
3.	Dr. G. A. Shroff	Anatomy	Prof. & HOD	MGM MC, Aurangabad
4.	Dr. Lalita Narayan Chavan	Anatomy	Associate Professor	MGM MC, Navi Mumbai
5.	Dr. Priyanka Rane	Physiology	Associate Professor	MGM MC, Navi Mumbai
6.	Dr. Sangita Phatale	Physiology	Professor & HOD	MGM MC, Aurangabad
7.	Dr. Parineeta Samant	Biochemistry	Professor	MGM MC, Navi Mumbai
8.	Dr. D.V Bhale	Biochemistry	Prof. & HOD	MGM MC, Aurangabad
9.	Ms. Neelam Yeram	Biochemistry	Tutor	MGM SBS, Navi Mumbai
10.	Dr. Sharvari Samant	Microbiology	Professor	MGM MC, Navi Mumbai
11.	Dr. V P Bansal	Microbiology	Associate Professor	MGM MC, Aurangabad
12.	Mrs. Anamika Chalwadi	Microbiology	Tutor	MGM SBS, Navi Mumbai
13.	Dr. Priyanka Jadhav	Pathology	Associate Professor	MGM MC, Navi Mumbai
14.	Mr. Hrishikesh Gaikwad	B.Sc. MLT	Tutor	MGM SBS, Aurangabad
15.	Dr. Himanshu Gupta	M.Sc. Medical Biotechnology	Assistant Professor	MGM SBS, Navi Mumbai
16.	Dr. (Mrs.) Anjali Sabnis	M.Sc. Medical Genetics	Prof. & HOD	MGM MC, Navi Mumbai
17.	Dr. Rahul Sadashiv Bawankule	M.Sc. Biostatistics	Biostatistician	MGM MC, Navi Mumbai
18.	Ms.Aarti Agarwal	M.Sc Biotechnology	Tutor	MGM SBS, Aurangabad
19.	Dr. Priyanka Pareek	M.Sc. Clinical Nutrition	Assistant Professor	MGM SBS, Navi Mumbai
20.	Dr Mini Mol P	M.Sc. Clinical Embryology	Associate Professor	MGM MC, Navi Mumbai
21.	Dr. Prasad Waingankar	Master of Public Health	Professor & Head	MGM MC, Navi Mumbai
22.	Dr. Ratnaprabha Pedhambkar	Master of Hospital Administration	Associate Professor	MGM MC, Navi Mumbai
23.	Dr. Raman P Yadav	M.Sc. Molecular Biology	Prof. & HOD	MGM SBS, Navi Mumbai
24.	Dr. Deepak Bhosale	M.Sc. Clinical Research	Prof. & HOD	MGM MC, Aurangabad
25.	Dr. Shilpa Kadam	B.Sc. CCT & M.Sc. CCT	Professor	MGM MC, Navi Mumbai
26.	Ms. Anugretha Dhanke	B.Sc. CCT & M.Sc. CCT	Tutor	MGM SBS, Aurangabad
27.	Dr. Sameer Kadam	B.Sc. (Perfusion Technology)	Prof. & HOD	MGM MC, Navi Mumbai

28.	Ms. Minal Kanse	B.Sc. (Perfusion	Tutor	MGM SBS, Navi Mumbai
		Technology)		
29.	Dr. Deepika Sathe	B.Sc. (OTAT)	Professor	MGM MC, Navi Mumbai
30.	Ms. Sujata Walode	B.Sc. (OTAT)	Tutor	MGM SBS, Aurangabad
31.	Dr. Aditya Nayak	B.Sc. MDT &	Associate Professor	MGM MC, Navi Mumbai
		M.Sc. MDT		
32.	Mr. Pratik Morade	B.Sc. MDT &	Tutor	MGM SBS, Navi Mumbai
		M.Sc. MDT		
33.	Mr. Rohit Gupta	B. Optometry & M.	Lecture	MGM SBS, Navi Mumbai
		Optometry		
34.	Dr. Sonali Mhaske	B.Sc. MRIT &	Associate Professor	MGM MC, Navi Mumbai
	Kadam	M.Sc. MRIT		
35.	Mr. Subodh Rahate	B.Sc. MRIT &	Tutor	MGM SBS, Navi Mumbai
		M.Sc. MRIT		
36.	Dr. Ravindranath V. K	Orthodontics	Prof. & HOD	MGM Dental College,
				Navi Mumbai
37.	Dr. Sumanthini M.V.	Conservative	Prof. & HOD	MGM Dental College,
		Dentistry		Navi Mumbai
38.	Dr. Ashvini Padhye	Periodontics	Prof. & HOD	MGM Dental College,
				Navi Mumbai
39.	Dr. Vinay Kumar	Biotechnology	Associate Professor	Modern College, Pune
			External Invitee	
40.	Dr. Seema Kotekar	Biochemistry	External Invitee	C.K.T. Cr. College, Panvel
41.	Dr. R.B. Goel	MGMIHS	Registrar	Navi Mumbai

BOARD OF STUDIES – PHYSIOTHERAPY & PROSTHETICS & ORTHOTICS

Sr.	Nomo	Donoutmont	Designation	Location
No.	Name	Department	Designation	Location
1.	Dr. Rinkle Hotwani (Chairperson)	MGM School of Physiotherapy	Director	Aurangabad
2.	Dr. Bela Agarwal (Co-Chairperson)	MGM School of Physiotherapy	Principal	Navi Mumbai
3.	Dr. (Mrs.) Rajani Mullerpatan	MGM School of Physiotherapy	Director	Navi Mumbai
4.	Dr. Shrutika Parab	MGM School of Physiotherapy	Assistant Professor	Navi Mumbai
5.	Dr. Mamta Shetty	MGM School of Physiotherapy	Assistant Professor	Navi Mumbai
6.	Dr. Amrita Ghosh	MGM School of Physiotherapy	Associate Professor	Navi Mumbai
7.	Dr. Triveni Shetty	MGM School of Physiotherapy	Associate Professor	Navi Mumbai
8.	Dr. Shrikant Mhase	MGM School of Physiotherapy	Associate Professor	Aurangabad
9.	Dr. Pallavi Palaskar	MGM School of Physiotherapy	Associate Professor	Aurangabad
10.	Dr. Namrata Sant	MGM School of Physiotherapy	Assistant Professor	Aurangabad
11.	Dr. Uttara Deshmukh	MGM Institute's University Dept. of Prosthetics & Orthotics	I/C HOD	Navi Mumbai
12.	Dr. Deepshikha Raut (P&O)	MGM Institute's University Dept. of Prosthetics & Orthotics	Assistant Professor	Navi Mumbai
13.	Dr. Anjali Sabnis	Anatomy	Prof. & HOD	MGM MC, Navi Mumbai
14.	Dr. Priyanka Rane	Physiology	Associate Professor	MGM MC, Navi Mumbai
15.	Dr. S.R. Phatale	Physiology	Prof. & HOD	MGM MC, Aurangabad
16.	Dr. Rupali Pawar	Biochemistry	Assistant Professor	MGM MC, Navi Mumbai
17.	Dr. Meera Mahajan	Pathology	Assistant Professor	MGM MC, Aurangabad
18.	Dr. (Mrs.) Ipseeta Ray	Pharmacology	Professor	MGM MC, Navi Mumbai
19.	Dr. (Mrs.) Sharvari Samant	Microbiology	Professor	MGM MC, Navi Mumbai
20.	Dr. R.T. Sachdeo	General Medicine	Assistant Professor	MGM MC, Navi Mumbai
21.	Dr. Sarabjeet Singh Kohli	Orthopedic	Professor	MGM MC, Navi Mumbai
22.	Dr. Darpan Kaur	Psychiatry	Professor	MGM MC, Navi Mumbai
23.	Dr. Sunila Sanjeev	Community Medicine	Associate Professor	MGM MC, Navi Mumbai
24.	Dr. (Mrs.) Shylaja S.	Dermatology	Prof. & HOD	MGM MC, Navi Mumbai
25.	Dr. Archana Chatterji	Obsetetrics & Gynecology	Associate Professor (Honorary Emeritus)	MGM MC, Navi Mumbai
26.	Dr. Vijay Kamale	Pediatrics	Prof. & HOD	MGM MC, Navi Mumbai
27.	Dr. Jyoti Nadgere	Prosthodontics	Prof. & HOD	MGM Dental College, Navi Mumbai
28.	Dr. Suvarna Shyam Ganvir	Neurophysiotherapy	Professor & HOD of Neurophysiotherapy External Member	DVVPF's, college of Physiotherapy Vilad Ghat, Ahmednagar 414111
29.	Dr. Medha Deo		Principal External Member	Terna Physiotherapy College, Navi Mumbai
30.	Dr. A.G. Indalkar	All India Institute of Physical Medicine & Rehabilitation	HOD (P & O) Lecturer External Advisor	Mahalaxmi, Mumbai
31.	Dr. Tushar J Palekar		Professor & Principal External Member	Dr. D.Y. Patil College of Physiotherapy, Pune
32.	Dr. Arun Maiya		Professor & Dean External Member	Manipal College of Health Professions, Manipal Academy of Higher Education Manipal- 576104
33.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

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18.	Dr. Sharvari Samant	MGM Medical College, Dept. of Microbiology	Professor	MGM MC, Navi Mumbai
19.	Dr. Meera Achrekar	Assistant Nursing Superintendent, ACTREC	Professor External invitee (Permanent Member)	Kharghar
20.	Dr. Sivabalan T.	College of Nursing, Pravara Institute of Medical Sciences	Dean, Faculty of Nursing External invitee	Loni
21.	Dr. Vaishali Mohite	Krishna Institute of Medical Sciences	Dean, Professor & Principal, External invitee	Karad
22.	Dr. Nancy Fernandes	Leelabai Thackersey College of Nursing, SNDT University, Churchagate	Professor & Principal External invitee	Mumbai
23.	Dr. (Mrs.) Savia Fernandes	MGM New Bombay Hospital	Nursing Superintendent	Vashi
24.	Dr. R.B. Goel	MGM Medical College, Dept. of Community Medicine	Registrar	MGMIHS

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- 14. Registrar, MGMIHS, Navi Mumbai- Member
- 15. Controller of Examinations Member Secretary

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Seven	Dr. P.M. Jadhav	Member	drpmjadhav@rediffmail.com
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members	MGM Institute, Navi Mumbai		
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	Medical Director,		
	MGM Institute, Navi Mumbai		
	Dr. N. N. Kadam	Member	drnnkadam56@gmail.com
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	MGM Institute, Navi Mumbai		
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	Aurangabad		
	Dr. K.R. Salgotra	Member	krsalgotra@rediffmail.com
	Medical Superintendent,		
	MGM Hospital, Navi Mumbai	3.6 1	1
	Dr. Pravin R. Suryawanshi	Member	drspravin22@gmail.com
	Deputy Dean, MGM Medical		dr_spravin@hotmail.com
	College, Aurangabad	3.7. 1	1 0 1
	Dr. Raman P.Yadav	Member	ramanpyadav@gmail.com
	Technical Director,		
	MGMIHS OMICS Research		
	Center,		
	MGM Institute, Navi Mumbai	Manahari	mainui leana da @ amail a a ma
	Dr. Rajani Mullerpatan	Member	rajani.kanade@gmail.com
	Director, MGM School of		

	Physiotherapy, Navi Mumbai		mgmschoolofphysiotherapy@gmail.com
	Dr. Prabha Dasila Principal, MGM New Bombay College of Nursing, Navi Mumbai	Member	prabhadasila@gmail.com mgmnewbombaycollegeofnurs ing@gmail.com
	Dr. Mansee Thakur In-Charge Director, MGM School of Biomedical Sciences, Navi Mumbai	Member	mansibiotech79@gmail.com sbsnm@mgmuhs.com
	Dr. Sabita Ram Director (Research), MGMIHS	Member	drsabita53@gmail.com dir.research@mgmuhs.com
Three outside eminent experts including one nominee of the UGC.	Dr. Dilip Gode Ex. Vice Chancellor, Datta Meghe Institute of Medical Sciences (Deemed University) Atre lay out, Pratap-nagar, Nagpur	Member	dilipgode@yahoo.com
	Prof. M.C. Misra Former Director, AIIMS, New Delhi President and Vice Chancellor, MGMMST, Jaipur	Member	mcmisra@gmail.com
	Dr. Prakash Doke Professor, Department of Community Medicine, Bharti Vidhyapeeth, Medical College, Pune	Member	prakash.doke@gmail.com
Member Secretary	Dr. R.B. Goel Registrar, MGM Institute of Health Sciences, Navi Mumbai	Member	registrar@mgmuhs.com

INTERNAL QUALITY ASSURANCE CELL

University IQAC initiatives Regarding Importance role and process of BOS on 13th September, 2022



To support and guide the faculty of MGMIHS for the smooth and effective conduct of the academic meetings.

Hon'ble Vice Chancellor guided all the Dean Faculty, Chairperson and Co-chairperson for the preparation of agenda and good quality of Minutes of Meeting of Board of Studies.

Implementation of NEP 2020: Transforming Higher Education Institutions into Multidisciplinary Institutions on 30th September, 2022



Implementation of NEP 2020 by MGMIHS to enhance multidisciplinary activities. MGMIHS in collaboration with MGM State University Aurangabad, conducted sessions on the following topics: "Multidisciplinary Research work in USA" by Dr. DiTusa, Dean of school of Science, Purdue University USA.

- "Concept Need & Multidisciplinary Institutions" by Prof. Dr. Shashank Dalvi, Vice Chancellor, MGMIHS, Navi Mumbai.
- "Ways to transformation of HEI into Multidisciplinary Institutions" by Prof. Dr. Vilas Sapkal, Vice Chancellor, MGM

Beneficiaries: 164

University, Aurangabad.

Faculty Induction Programme on 17th to 21st January, 2023



Faculty Induction Programme was organized for all the faculties and newly recruited faculty members of MGMIHS by Dept of Biochemistry, MGM's Medical College, Aurangabad in collaboration with MGMIHS IQAC.

otal 16 Eminent speakers delivered guest lectures. Beneficiaries : 227

Staff Development Program for Wondershare PDF element (Non-teaching staff) on 12th & 19th November, 2022



A training cum workshop on using the software "Wondershare PDFelement" was organised for better documentation. The need/difficulties faced while working with the PDF files were discussed.

Beneficiaries: 22 Speaker: Ms. Pranjal

A Hands-on Workshop on "Introduction to Zotero – A Reference Management Software on 30th June. 2023



Research Cell, MGM Medical College, Aurangabad has organized A Hands-on Workshop on "Introduction to Zotero – A Reference Management Software" to sensitise the faculty and students about various methods of reference used in health science research along with hands on training about use of Zotero software.

Beneficiaries – 30

Speaker: Dr. Salve Shobha Bansi,

Professor & Head & Dr. Swati Manikrao Mahajan, Professor, Department of Community Medicine, MGM Medical College, Aurangabad

Faculty sensitization program on UGC quality mandate Deeksharambh (Student Induction Program) on 10th July, 2023



For smooth implementation of UGC quality mandate framework Deeskharambh (Student induction program). University IQAC, MGMIHS organised Faculty sensitization program regarding the schedule and activities to be incorporated as per the mnemonic SAGE, S-Socializing, A-Associating, G-Governing, E-Experiencing.

Beneficiaries: 25

Speaker: Dr. Mamta Shetty

Faculty sensitization program on UGC quality mandate MULYA PRAVAH 2.0 (Inculcation of Human Values and Professional Ethics) on 13th July, 2023



For smooth implementation of UGC quality mandate framework MULYA PRAVAH 2.0 (Inculcation of Human Values and Professional Ethics). University IQAC, MGMIHS organised Faculty sensitization regarding making values and ethics a part of culture at HEI. NSS and Bioethics unit carry out most of these activities which are similar to those mentioned in MULYA PRAVAH

Beneficiaries: 17

Speaker: Dr. Bhavana Junagade

FDP on Developing



The National Education Policy 2020 to go digital and provide their curriculum in a flexible, holistic and multidisciplinary manner. University IQAC conducted the Faculty Development Program (FDP) for Developing Different types of E-Contents was conducted.

Beneficiaries: 45

Speaker: Dr. R. Ponchitra,

National Webinar Overview of Programmatic Assessment on 18th July, 2023



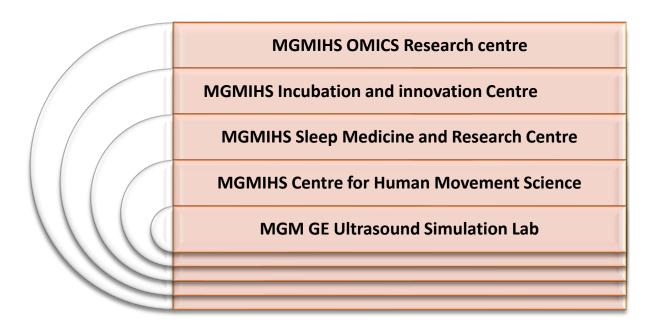


This national webinar has been organized to sensitize the faculty to the importance and relevance of well-defined program and course outcomes, their mapping and attainment analysis. The guest speaker was Dr. V. N. Mahalakshmi, Dean Health Professions Education, AVMC Pondicherry, Dean of Faculty of Interdisciplinary Studies at VMRF-DU. The program was conducted in hybrid mode. Beneficiaries: 263- Maharashtra, 70- Outside Maharashtra & 3- Abroad.

Other University IQAC activities

- AQAR 2021-22 was accepted on NAAC HEI portal on 25th April, 2023.
- Participation in QS I-GAUGE ranking.

MGMIHS Centre of Excellence



MGMIHS OMICS Research Centre

MGMIHS OMICS Research Center as a part of MGM Central Research Laboratory of MGM Medical College and Hospital, MGM Institute of Health Sciences, Navi Mumbai is actively engaged research and innovation. Drug discovery and molecular diagnostics are major focus of center.

This center provides an interdisciplinary platform for both fundamental and applied research mainly related to health sciences. The thrust areas of this center consist of drug discovery, nano-biotechnology, reversal of drug resistance and green technology. The center possesses several research facilities such as cell culture, microbial culture, *Plasmodium falciparum* culture etc. Daphnia facility for toxicity studies is very important. The center is well equipped with basic and advanced instruments. Currently, the center is actively engaged in drug sensitivity enhancement in malaria and tuberculosis along with search for new enzyme inhibitors of therapeutic use. This center also provided facilities for various divisions of MGMIHS including various division of MGM Medical College and Hospital, Navi Mumbai. Center advocates the interdisciplinary research platform.

The center is supporting Ph.D. programs Of MGMIHS in Medical Biotechnology and Molecular Biology. In view to importance of molecular biology in health sciences, the center also supporting M.Sc. Molecular Biology (2 years) program under MGM School of Biomedical Sciences, MGMIHS. Center actively participated and promoted MGMIHS Incubation and Innovation Centre and Institution's Innovation Council (IIC), MGMIHS. During the period from 1st September, 2022 - 31st August, 2023, research in the domains of fundamental research and drug discovery in the area of anti-diabesity, drug sensitivity enhancement in malaria and bacteria were extensively carried out.

Drug discovery

Exploration of natural products have been done for various drug discovery programs. Several projects have been explored and extended using natural products.

Anti-diabesity

Anti-diabesity was molecule, MGM-EI-13 was identified after characterization for inhibition studies of metabolic enzymes like pancreatic lipase and α -glucosidase for management of diabesity. Animal study conducted and completed confirming the anti-diabesity application of the identifying molecule. Results were analysed and concept used in this study were verified.

Drug sensitivity enhancement Malaria research

Malaria has considered amongst the major health problem in tropical and subtropical countries, as development of drug resistance is the major issue of the disease management and control. Decrease in the sensitivity of drug is one of the major issues observed in the drug resistance. Considering the time required for development of new dug, enhancing the sensitivity of existing drug by targeting efflux pump which is one of the mechanism responsible of development of drug resistance, can be a fast solution to deal with this problem.

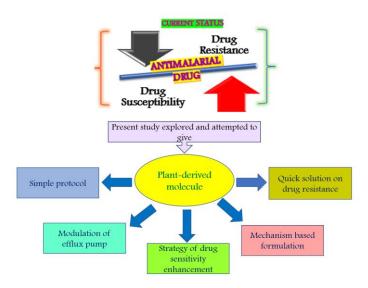


Fig.1 Rationally selected strategy for anti-malaria's

Enhancement of chloroquine sensitivity:

In reference to drug resistance, the centre has explored various concepts one of which is efflux pump inhibition for reversal of drug resistance. This center was actively engaged in developing *in vitro* chloroquine resistance model for drug sensitivity enhancement using efflux pump modulation. Various drug sensitivity enhancement molecules as efflux pump inhibitors were identified (MGM-EPI-P6, MGM-EPI-P7, MGM-EPI-P8 and MGM-EPI-P9). The formulations with the antibiotic were prepared. The research work focusing this concept has been accepted for publication in National peer reviewed journals.

Bacteria research

Chloroquine is known for antimalarial drug. In present research chloroquine sensitivity enhancement in *Pseudomonas aeruginosa* was done. Same concept of experiments was advanced for another antibiotic drug.

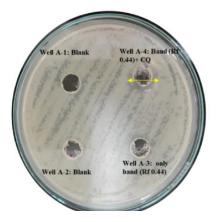


Fig. 2 Chloroquine sensitivity enhancement potential using natural molecules using bacterial model

Enhancement of rifampicin sensitivity

For rifampicin sensitivity enhancement, the molecule of interest were converted into their nanoforms making the original molecule water soluble and were characterised using zeta potential analysis and transmission electron microscopy. The molecule was finally identified to be MGM-NC-1 and explored for their sensitivity enhancement using bacterial model including *Pseudomonas aeruginosa in vitro*.

Fig.3 Structure of curcumin

Drug toxicity assay

Both *in-vitro* and *in-vivo* toxicity was performed for various drug molecules using CHO cells and *Daphnia spp*. The established were well explored for this purpose.





Fig.4 CHO cells for *in-vitro* toxicity study

Fig.6 *Daphnia spp.* for toxicity study

Water solubility study of natural molecule based formulation

Various selected natural molecules were formulated and water solubility studies were performed for drug sensitivity enhanhancement. Zeta potential measurement was used to confirm the water solubility of various molecules. It was concluded that water solubility of molecules is important property of biological properties.

Fundamental research

Chronic Periodontitis

Title: A Comparative Clinical and Molecular Assessment of MMP-8 and Salivary Amylase in Healthy and Chronic Periodontitis and its Inhibition using Natural Molecule.

Studies of MMP-8 and salivary amylase in healthy and chronic periodontitis were analyzed and co-relation for predicting the disease disease also studied.

Tuberculosis

Title: Differentiation of activity of tuberculosis on basis of detection of secretary lipolytic enzymes of Tubercle bacilli in blood in children.

In view to very fast, simple and preliminary detection of latent and active tuberculosis, lipase was studied in serum sample of paediatrics group in reference to tuberculosis status.

Malaria

Title: Study of phospholipase A_2 levels in children with malaria and co-relation of its level with severity of malaria in children.

Enzyme PLA₂ was extensively studied in serum sample of paediatrics group in reference to severity of malaria

Diagnostics

Pilot scale validation of Quantum dot powered IP-10 antibody-based kit (granted Patent No. 325554) for latent TB and TB antigen was earlier done with serum sample analysed and perspective and forward path discussed.

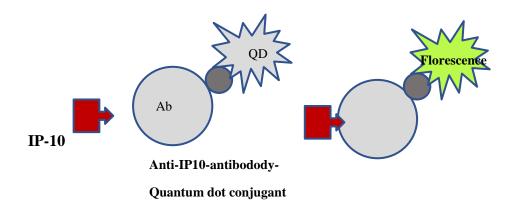


Fig. 7 Schematic presentation of kit functioning

Other projects

During this period four M.Sc. Molecular Biology dissertation projects were supported that were carried out in this center.

- 1. Isolation and characterization of anti-diabetic principle alpha- glucosidase inhibitor from spice and it's bioinformatic study.
- 2. Isolation of protein based pancreatic lipase inhibitor from food materials
- 3. Metabolic engineering of baker's yeast for increased production of CO₂ and its application in bread making process.
- 4. Synthesis, characterization and remodelling of silver nanoparticles and it's toxicity study on *Daphnia spp*.

Important achievements

Ph.D. Thesis awarded

Ms. Priyanka Rathod submitted her Ph.D. thesis entitled "Isolation and characterization of multifunctional molecule from plant and its anti-diabesity potential". Ph.D. is awarded in this period

Three M.Sc. Dissertation supported, submitted and cleared

1. Synthesis and Characterization of Superoxide dismutase and peroxidase mimetic nanoparticles

2. Green synthesis of Silicon dioxide nanoparticles and evaluation of its antioxidant activity

3. Study of Graphene Nanoparticles on Coliform bacteria

Paper published

- 1. Priyanka Rathod & Raman P. Yadav.2023. Gut microbiome as therapeutic target for diabesity management: opportunity for nanonutraceuticals and associated challenges. *Drug Delivery and Translational Research*, 14, 17-29.
- 2. Priyanka Rathod & Raman P. Yadav. 2023. Food spices as Potential therapeutic agents in targeting SARS- CoV2: A review on underlying mechanisms and therapeutic targeting strategies. *Indian Journal of Natural Products and Resources*. 14 (2),185-201
- 3. Chandana Kulkarni, Harshita Mohanty, Amita Bhagit, Priyanka Rathod & Raman P. Yadav. 2022. Anti-plasmodial and mosquitocidal potential of metallic nanoparticles: a perspective. *Proceedings of the Indian National Science Academy*. 88: 576–591
- 4. Priyanka Rathod & Raman P. Yadav. 2022. Nanopolyphenols: Perspective in oxidative stress generated diseases. *MGM Journal of Medical Sciences* (9(3),419-430.
- 5. Chandana Kulkarni, Priyanka Rathod, and Raman P. Yadav. 2022. Study of chloroquine susceptibility potential of plants using *Pseudomonas aeruginosa* as in vitro model. *3 Biotech* 12 (12).

Paper under review

- 1. Priyanka Rathod, Chandana Kulkarni & Raman P. Yadav. *Cinnamomum cassia* L. extract as inhibitor of pancreatic lipase and alpha glucosidase for diabesity management. *Advances in Pharmacology and Pharmacy*. (Under review)
- 2. Chandana Kulkarni & Raman P. Yadav. Synthetic and chemically designed molecules to combat drug resistance in malaria: present status and perspectives. *Journal of Vector Borne Disease* (Under review)

Patents

1.Patent No. 434082 "Biogenic method for generation of monodisperse and fluorescent cerium oxide nanoparticles with enhanced antioxidant activity" granted on 08/06/2023.

(The National Biodiversity Authority (NBA) agreement for this patent was also signed and executed during this period)

Within this duration, National Biodiversity Authority (NBA) was filled for the following patent application numbers:

- 1. 1948/MUM/2015 A Method for the synthesis of bifunctional cerium oxide nanoparticle with enhanced antioxidant and carbonic anhydrase inhibitory activity
- 2. 3616/MUM/2015 A Biogenic method for generation of multiple nanoparticles (Zn, Fe, Mg,Ca,Ce,Si,Ag)

Workshop/conference/seminar organized

MGMIHS OMICS Research Center has actively engaged in coordinating to organize various activities and events under the Institution's Innovation Council (IIC), MGMIHS in the domains of Innovation, Entrepreneurship, IPR etc. and uploading reports of all the events organized on IIC, MoE portal. Centre also well participated and conducted various meetings/workshops/demonstrations etc.

Following are the IIC events organized by this center within this duration-

- 1. IIC council meetings 2 on 09/01/2023 and 17/08/2023
- 2. My story: Motivational Session by successful Entrepreneur on 28/11/2022
- 3. Session on "Transformation of Idea into Start-up" on 26/08/2023
- 4. Session on "Business Model Canvas" on 31/08/2023
- 5. Demonstration on "Prototype Design and Development" on 29/08/2023



Self-driven activity under IIC, MGMIHS for Demonstration on "Prototype Design and Development"

Other IIC related activity coordinated= 5 (MIC driven activity)

Project submitted for external funding

Project entitled "Development of natural rifampicin sensitivity enhancer for *Mycobacterium tuberculosis*" was submitted to the Indian Council of Medical Research (ICMR), Govt. of India on 28.04.2023 by Dr. Raman P. Yadav as Principal Investigator

Project entitled "Centre for Advanced Research in Reversal of Antimicrobial Resistance" was submitted to the Indian Council of Medical Research (ICMR), Govt. of India on 30.07.2023 by Dr. Raman P. Yadav as Principal Investigator.

Resource person

Technical Director of MGMIHS OMICS Research Center, Dr. Raman P. Yadav, as a resource person attended several meetings such as Member of Academic council meeting, Board of Studies (Biomedical Sciences) meeting Research Advisory Committee meeting, Research Cell meeting, Scientific Advisory Committee meeting, Research Recognition Committee meeting, Ethical committee for Research on Human Subjects, MGMIHS, Navi Mumbai, University Academic and Administrative meeting etc. He, as a Convener, also conducted several meetings for the members of Institution's Innovation Council (IIC), MGMIHS.

External visitors: Several external visitors visited the center and appreciated the ongoing work and complimented with excellence and innovative.

Industrial Visit: MGMIHS OMICS Research Center organized Industrial visit for M.Sc. Molecular Biology students on 09.06.2023. The students along with Dr. Raman P. Yadav (Technical Director, MGMIHS OMICS Research Center) visited Yashraj Biotechnology Ltd., Navi Mumbai. They interacted with Dr. Paresh Bhanushali (Founder and Technical Director, Yashraj Biotechnology Ltd.)



along with other team members and gained knowledge about several process, products and advanced instruments in reference to Molecular biology.

Visit to Yashraj Biotechnology Ltd., Navi Mumbai (form left to right, students of M.Sc. Molecular Biology, Dr. Raman P. Yadav, Technical Director, MGMIHS OMICS Research Center and Dr. Paresh Bhanushali, Founder and Technical Director, Yashraj Biotechnology Ltd.)

Forward Path:

- Submission of thesis in the domain of chloroquine sensitivity enhancement in malaria.
- *In vitro* study for novel formulation developed for enhancement of rifampicin sensitivity *Mycobacterium tuberculosis*.
- High impact factor publications.
- Move towards grant of the patents.
- Effort for technology transfer
- Exploring extramural funding from various agencies and industries.
- National and International linkages/ collaboration with other Institutes.

MGMIHS INCUBATION AND INNOVATION CENTRE

Innovations are important part of research and education. MGM Institute of Health Sciences is continuing the effort to promotes innovation ecosystem in the campus. Organization is fostering the entrepreneurial spirit among students, faculty members & other stakeholders. MGMIHS Incubation and Innovation Centre and Institution's Innovation Council of MGMIHS established in 2019 under MHRD, Government of India playing important role in this domain. In 2022-23 session of Institutions Innovation Council, MGMIHS approximately 2400 students' attendance and 100 faculty attendances recorded. University received star rating of 3 stars for session 2022-2023 for Institution's Innovation Council, MoE's Innovation Cell, Govt. of India.

This sensitization resulted into initiation of preincubation of idea projects at laboratory level. Important concept/processes/protype are further incubated for product development.



Fig. 1 Star rating certificate for Institution's Innovation Council, MGMIHS (2022-23)

MGMIHS Incubation and Innovation Centre, and Navi Mumbai continuously aiming to provide unique and interdisciplinary platform to stakeholders for creation of skill based new entrepreneurs and product development. Laboratory fundamental research (pre-incubation) stage generally incubated at MGMIHS Incubation Center.

The thrust areas of this centre are:

- Innovation-propagation
- Innovative strategies in health sciences
- Product and technology development
- Prototype development and establishment of start-ups

The major components of the centre include; technical aspects of Projects exploration, Patenting, Technology transfer & Commercialization. It provides an interdisciplinary platform to innovator by involving various disciplines and expertise of MGM Institute of Health

Sciences. The centre is for any innovative work and open for all the units of MGM campus, Navi Mumbai such as medical sciences, physiotherapy, nursing, biomedical sciences, prosthetics and orthotics, dental etc. MGM Innovation Garden was also established to support research at MGMIHS Incubation and Innovation Centre.



Fig. 2 MGM Dental College & Hospital NAAC visit at MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai

Centre implement their projects through idea exploration, preincubation and Incubation. To boost the research of MGMIHS Incubation and Innovation Center, it is well connected with various laboratories including MGMIHS OMICS Research Center, MGMIHS for basic and advance work. At least 3 products (prototype/minimal viable product) are ready for technology transfer.

Following projects are in preincubation stage

Some of the research projects of the MGMIHS OMICS Research Center have been potentially considered for product development.

- Point of use water purification kit
- Chloroquine sensitivity enhancement formulation for cerebral malaria
- Orally active rifampicin sensitivity enhancer

All the projects are design on the basis challenges and need in human healthcare. Innovation is central point of this product development.

1.Name of device: Point of use non-electrical water purification kit

Name of Mentor: Dr. Raman P. Yadav

Technical Director, MGMIHS OMICS Research Center, MGM Institute of Health Sciences (MGMIHS), Navi Mumbai.

&

Professor, Department of Medical Biotechnology, MGM School of Biomedical Sciences, MGMIHS, Navi Mumbai

E-mail address: ramanpyadav@gmail.com

Stage of technology innovation: Prototype

Problem statement

Although advancement in drinking water technology resolved many issues related to avaibility, still low cost, portability and rural infrastructure-based water purification need of demand. Idea was to explore natural resources for drinking water purpose. Centre designed a point of use water purification system using natural molecules including carbon components.



Fig. 3 Natural resource used for water purification system

Unique selling point of the prototype

Purification at water resource level. Low-cost water purification very useful in rural area

Market potential: Huge

The device can be collaborated with industries partners or itself can be a start up

2. Name of product: Chloroquine sensitive enhancement formulation for cerebral malaria

Name of Mentor: Dr. Raman P. Yadav

Technical Director, MGMIHS OMICS Research Center, MGM Institute of Health Sciences (MGMIHS), Navi Mumbai.

&

Professor, Department of Medical Biotechnology, MGM School of Biomedical Sciences, MGMIHS, Navi Mumbai

E-mail address: ramanpyadav@gmail.com

Stage of product: Formulation

Problem statement

Malaria remains a public health problem. Despite ongoing efforts of many countries, malaria elimination has been difficult due to emerging resistances against most traditional drugs, including artemisinin compounds, the most potent antimalarials currently available. Chloroquine (CQ) proved to be one of the most successful and important drugs ever deployed against this infectious disease. Nevertheless, the heavy use of CQ quickly led to resistance in some plasmodial strains. Resistance is associated with a decrease in accumulation of drugs into the vacuole, which results from a reduced uptake of the drug, an increased efflux or a combination of both.

Fig. 4 Structure of Chloroquine

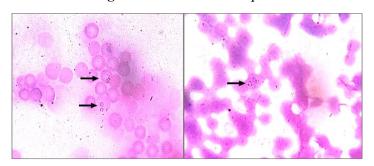


Fig. 5 One of the stages of *Plasmodium falciparum* life cycle

Unique selling point of the product

Plant extracts/molecule have been simply formulated with chloroquine simply use to make "old anti-malarial drug active". Edible natural molecules have been finally identified. Considering the increasing challenge of drug resistance in malaria the present innovation attempted to certainly give the direction as a quick solution to handle this issue.

Market potential: International market huge

This can be transferred to industries partners

3. Name of product: Orally active rifampicin sensitivity enhancer

Name of Mentor: Dr. Raman P. Yadav

Technical Director, MGMIHS OMICS Research Center, MGM Institute of Health Sciences (MGMIHS), Navi Mumbai.

&

Professor, Department of Medical Biotechnology, MGM School of Biomedical Sciences,

MGMIHS, Navi Mumbai

E-mail address: ramanpyadav@gmail.com

Stage of product: Formulation

Problem statement

Drug resistance occurs when a cell or bacteria becomes less sensitive to a specific drug. This can make the drug less effective at curing a disease or improving a patient's symptoms. The misuse and overuse of antimicrobials in humans, animals, and plants are the main drivers in the development of drug-resistant pathogens. Some mechanisms of drug resistance

include: limiting the uptake of a drug, modifying a drug target, inactivating a drug, active efflux of a drug etc. Now drug resistance is major problem and antibiotic action on threat. As a result of drug resistance, antibiotics and other antimicrobial medicines become ineffective and infections become difficult or impossible to treat, increasing the risk of disease spread, severe illness. AMR is a natural process that happens over time through genetic changes in pathogens.

Fig. 6 Structure of rifampicin

Unique selling point of the product

Idea was shaped into innovation where edible natural molecules can be used to tackle the drug resistance problem. Laboratory successfully developed several such molecules as drug sensitivity enhancer in various system. For proof-of-concept one natural molecules made soluble and tested for rifampicin sensitivity enhancement in *Mycobacterium tuberculosis*. Effort is to make simple formulation where resistance can be broken in *Mycobacterium tuberculosis*.

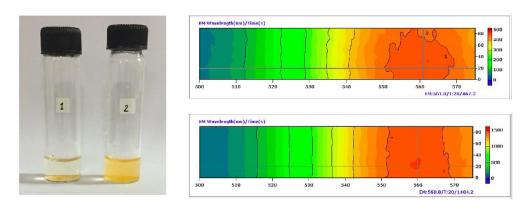


Fig. 7 Solubility enhancement of natural molecule

Market potential: huge

This can be transferred to industries partners Following projects are in incubation stage (MGMIHS OMICS Research Center)

Name of the Product: Soya flour based nutritious protein bar

Technology Readiness Level- 4 Name of Mentor: Dr. Kavita More Department of Biochemistry, MGM Medical College, MGMIHS, Navi Mumbai

E-mail address: kavitatmaore@gmail.com

Patent filed: (Patent application no. 202321011398 A)

Looking for advanced studies and validation

Market Potential: Moderate

The product can be developed for startup or can be transferred to food industry under technology transfer.

Name of product: Natural Dipeptidyl peptidase-IV Inhibitor based anti-diabetic tablet

Technology Readiness Level-4

Innovator: Dr. Ipseeta Ray Department of Pharmacology,

MGM Medical College, MGMIHS, Navi Mumbai E-mail address: ipseetamohanty@yahoo.co.in

Patent filed: (Patent application no. 201921053266 A)

National Biodiversity Authority approval date: 23.11.22

Market Potential: High

The product can be developed for startup or can be transferred to herbal/pharmaceutical industry under technology transfer

Name of product: Moringa oleifera leaf-based health drink

Technology Readiness Level-4

Name of Mentor: Dr. Raman P. Yadav

Technical Director, MGMIHS OMICS Research Center, MGM Institute of Health Sciences (MGMIHS), Navi Mumbai.

&

Professor, Department of Medical Biotechnology, MGM School of Biomedical Sciences,

MGMIHS. Navi Mumbai

E-mail address: ramanpyadav@gmail.com

Patent status: (Patent will be filed, under draft stage)

Market Potential: Moderate

The product can be developed for startup or can be transferred to food industry under technology transfer

MGM Innovation Garden

For research and innovation, plant sources from MGM Innovation Garden have been used.

Institution's Innovation Council of MGMIHS Events organized

Under the umbrella of the Institution's Innovation Council of MGMIHS under MoE's Innovation Cell, Govt. of India are being conducted or coordinated. a total of 40 members are a part of IIC, MGMIHS. Various activities were conducted under IIC, MGMIHS belonging to different categories viz. annual Calendar activities, MIC-Driven activities as prescribed by MoE's Innovation Cell (MIC), celebration activities and self- driven activities. During this duration 2022- 2023, 2 council meetings, 16 IIC calendar activities, 5 celebration activities, 7 MIC driven activities and 17 self- driven activities (total 47) were conducted.

Under category of IIC calendar, following activities were conducted:

- 1. My story: Motivational Session by successful Entrepreneur
- 2. Entrepreneurship and Innovation as Career Opportunity
- 3. My story: Motivational Session by successful Innovators
- 4. Entrepreneur Skill, Attitude and Behaviour Development
- **5.** Exposure and field visit for problem identification
- **6.** Field/ exposure visit to pre-incubation units
- 7. Investment awareness program
- 8. Innovative Idea Competition YUKTI- NIR
- 9. Workshop on Prototype Design and Development
- 10. Field Visit to an Incubation Unit
- 11. Session on "Transformation of Idea into Start-up"
- **12.** Workshop on "Accelerators/ Incubation Opportunities for students and faculties- Early stage entrepreneurs"
- 13. Session on "Business Model Canvas"
- 14. Seminar on "Intellectual Property Right"
- 15. Session on "Lean start-up and minimum viable product/ business"
- **16.** Session on Start-up Induction 2023



Fig. 8 Glimpse of IIC Calendar Activity

Under category of celebration activities, followings were conducted:

- 1. Nation Innovation Day
- 2. National Youth Day
- 3. National Science Day
- 4. World Environment Day
- 5. World Entrepreneur's Day
- 6. Independence Day



Fig. 9 Celebration activity on "Nation Innovation Day"

Under category of MIC driven activities, followings were conducted:

- 1. Orientation session on IIC 4.0 & Features
- 2. Leadership talk with Prof. T.G. Sitharam
- 3. National technology week inaugural address of Hon'ble Prime Minister of India
- 4. Celebrating the 3rd anniversary of national education policy 2020
- 5. G20 Medical Device Hackathon (MEDHA)
- 6. Annual Report 2022-2023



Fig. 9 Glimpse of MIC- driven Activities

Under category of self- driven activities, followings were conducted:

- 1. My story: Motivational Session by successful Entrepreneur/ start-up founder
- 2. Essay competition on "Essentials of Entrepreneurship"
- 3. Quiz competition on "Inquiznos"
- 4. Field visit to BETiC Lab, IIT Bombay
- 5. Innovative idea competition on "Problem and Innovative Problem Solution Presentation"
- 6. Visit to Innovation Incubation and Research Centre (IIRC)
- 7. Invited talk on "Innovations & Entrepreneurship for Medtech Ideas
- 8. Quiz competition on "Innovation in the Field of Prosthetics & Orthotics"

- 9. Entrepreneurship skills, attitude and behaviour development
- 10. Essay writing competition- Developing innovative thinking
- 11. Essay writing competition on "Developing Innovative Thinking"
- 12. Session on "Accelerators/ Incubation Opportunities for students and faculties- Early stage entrepreneurs"
- 13. Visit to PROACTIVE Technical Orthopaedics Pvt. Ltd., Pune
- 14. Demonstration on "Prototype Design and Development"
- 15. Seminar on importance of personality development for different health care profession
- 16. Session on Innovation Induction 2023
- 17. Discussion activity on. "Start-up ideas after Bachelors in Prosthetics and Orthotics"

Other activities:

Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- YUKTI: Various students and faculty members from MGMIHS have registered their ideas (8) and innovation (2) on the YUKTI portal, Govt. of India.
- Mentor- Mentee Program: Dr. Rajesh Dase, faculty member of IIC, MGMIHS was nominated as a coordinator for mentor- mentee program from our Institute.
- National Intellectual Property Awareness Mission (NIPAM) 2.0: On 1st August, 2023, units of MGMIHS, Navi Mumbai i.e. MGM New Bombay College of Nursing, MGMIHS and MGMIHS OMICS Research Center, MGMIHS, Navi Mumbai conducted the NIPAM program at the institute. This awareness program was organised by CSIR- National Chemical Laboratory (NCL), Pune and Indian Patent Office under Department for Promotion of Industry & Internal Trade (DPIIT), Ministry of Commerce and Industry.



Fig. 10 Certificate for conducting NIPAM 2.0 program

Dr. Raman P. Yadav was the coordinator from MGM Institute of Health Sciences for the program. He also received certificate.



Fig. 11 Certificate for coordinating NIPAM 2.0 program

Output/Impact

- Most of the Units both from Navi Mumbai and Aurangabad of MGMIHS are sensitized with concept of innovation and its perspective. Approximately 2400 students and 100 faculty attendance were recorded in IIC 2022-23.
- This sensitization resulted into initiation of preincubation of idea projects at laboratory level. Important concept/processes/protype are further incubated for product development.
- University received star rating of 3 for session 2022-2023 for Institution's Innovation Council, Ministry of Education's Innovation Cell, Govt. of India.
- University got prestigious opportunity to conduct the event related to the National Intellectual Property Awareness Mission (NIPAM 2.0), DPIIT, Ministry of Commerce and Industry, Govt. of India.
- At least 3 products (prototype/minimal viable product) are ready for commercialization.

MGMIHS SLEEP MEDICINE AND RESEARCH CENTRE

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 MGMIHS Sleep Medicine and Research Centre MGMIHS





FIG 1: SLEEP TECHNICIAN PREPARING FIG 2: PSG DEVICES AND MACHINES PATIENT FOR PSG



Fig 3: Control Room / Monitoring Room for The Sleep Lab

TABLE 1- FACULTY OF SLEEP LAB

Sr. No.	Name of the Faculty	Designation	Qualification			
1	Dr. Shreeja Nair	Associate professor and incharge of sleep lab	DTCD, DNB (Respiratory Medicine), Diploma in pediatric sleep medicine (DPSM)			
2	Dr. P V Potdar	Professor	M.D (Respiratory Medicine)			
TABL	TABLE 2: SLEEPTECHNOLOGISTS IN PSG LAB OF MGMIHS					
Sr. No.	Name	Designation	Qualification			
1.	Mr. K K Yadav	Sleep and Neuro technologist	B Sc. Physics			
2.	Mrs. Pooja Thembe	Sleep and Neuro technologist	B Sc. Chemistry			

TABLE NO.2: PSG CASES – YEAR WISE

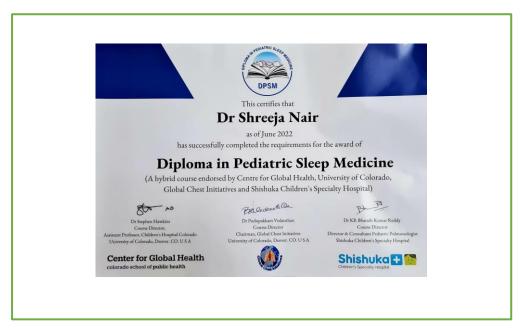
YEAR	CASES
2014	62
2015	67
2016	60
2017	57
2018	31
2019	56
2020	8
2021	7
December 2022- December 2023	6

PROJECTS UNDERTAKEN IN THE LAST YEAR

- Dr. Shreeja Nair was guide to MBBS students who took part in the final rounds of LTMMC symposium Bombay Medical Congress 2022-25th march 2022. The topic the students undertook was "the essentiality of sleep" sleep deprivation and road traffic accidents. The students reached the final round in the prestigious competition
- Dr. Shreeja Nair is guide to MBBS students Maryah Kondari and Sanaya Shah who have got ethical permission to do a study "Sleep patterns and sleep habits in a cohort of school going children in Mumbai". The study is to commence in January 2024.

FACULTY DEVELOPMENT AND TRAINING DONE IN THE LAB OVER THE PAST YEAR

 Dr. Shreeja Nair has completed a course in diploma in pediatric sleep medicine which is in collaboration with University of Colorado in June 2022 and has plans to work with department of pediatrics and neurophysiotherapy in managing children with sleep disordered breathing.



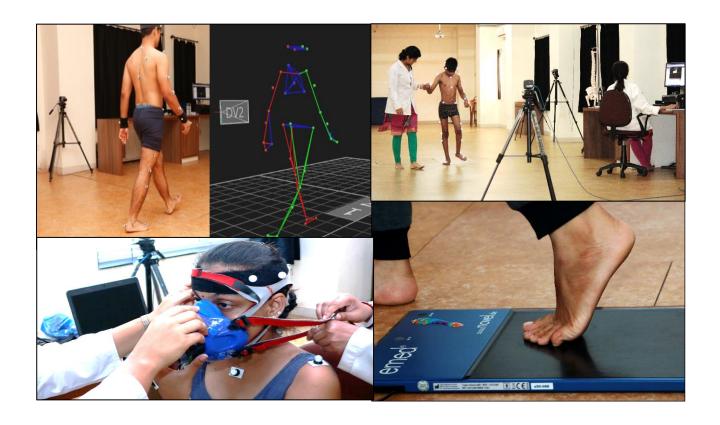
VISION OF SLEEP LAB-MGMIHS

- To develop the lab into a training centre for physicians and sleep technologist.
- To develop facility for pediatric polysomnography
- To send faculty of Dept. of Pulmonology for short term training programmes to University of Pennsylvania
- To start value added courses for medical graduates to develop their interest in the field of sleep medicine.
- To enroll our faculty into various national and international memberships of associations of sleep medicines

MGMIHS CENTRE FOR HUMAN MOVEMENT SCIENCE

MGM Institute of Health Sciences' Distinctiveness

MGM Centre of Human Movement Science



Preamble

Human movement science has grown rapidly over the last half a century in the western countries. Scientists from a wide spectrum of healthcare fields (physiotherapy, surgery, prosthetics-orthotics, anatomy, etc.) and engineering (mechanical, biomedical, aeronautical, etc.) have contributed with robust research to evolve this field. Applications of human movement science range from health promotion, clinical rehabilitation, sports and dance injury, orthotic and prosthetic design, medical device innovations, etc.

In India, the science of human movement is growing gradually. Health and Engineering Institutes like IITs (mechanical, biomedical and aeronautical engineering departments), IISc, Bangalore; BARC; DRDO, NITIE, SRASSC, Manipal Academy, Physiotherapy Institutes, SAI etc. are pursuing academic and research activities in human movement science. However, each institute is working in isolation within a specific mandate of funded projects; resulting in scattered growth of biomechanics throughout India. High-end fundamental research and elite applied clinical work is going on at a few health and engineering institutes, in addition to focused efforts towards indigenous development of robust and affordable prosthesis. However, a need for concerted, cohesive inter-disciplinary effort to develop appropriate healthcare solutions is still perceived.

Engineers and healthcare professionals need to work together to achieve this goal. Medical device innovation has already gained momentum in India with dedicated Centre's like BETiC, TCS Innovation Labs, etc. which seek complementary support from MGM Centre of Human Movement Science. An exemplary partnership between MGM Centre of Human Movement Science and BETiC, IITB is trying to address an urgent need of integrating clinical biomechanics in healthcare for past 7 years.

MGM Centre of Human Movement Science is committed to develop this science in India, disseminate fundamental knowledge and study applications of movement science in health promotion and rehabilitation, to address unmet local and global needs of people from across all economic strata of society. The Team of enthusiastic Physiotherapists, Human movement scientists and Mechanical engineers is working towards creating indigenous simple bold healthcare solutions; designed to engage the mechanical marvel of human body itself to keep people mobile and functionally independent. The philosophy is driven by the fact that technology cannot afford to reach every part of the world, which is challenged by health problems caused by movement disorders. Hence, we explore movement to promote it as a therapeutic device for health promotion and clinical rehabilitation.

On the other hand, The Centre is engaged in applying knowledge of human movement science in design and validation of technology for health promotion, early detection and rehabilitation of people living with movement impairments. Collaboration with national and international health and engineering institutes with high research repute strengthens our multidisciplinary approach to develop relevant movement science applications.

We present this report of activities of the Centre for the period September 2022-August 2023

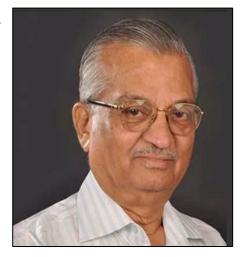
to students, researchers and professionals from health care and engineering fields with an aim of engaging them in the goal of generating a multi-disciplinary task force within the country for undertaking research and developing movement science further in India.

Dr. Rajani Mullerpatan & Team of MGM Centre of Human Movement Science

Preface

Dr. Anil Kakodkar Chairman, Rajiv Gandhi Science and Technology Commission

"I have participated in most of your annual meetings if not all of them. Every time I have been watching progress and new things. Today I get a sense that the Centre has got an existence of its own. The Centre is growing with its collaborative work not just with Indian Institutes but across various nodes even abroad. I amextremely delighted to be a part of this discussion. I want to make a few suggestions and comments for your consideration. Healthcare program that we have around is essentially a sick care program and not a healthcare program. Healthcare program should have preventive part which is currently missing. We can look at the



program as human wellness program which can include biomechanics, human movement science, traditional Indian and art such as classical Indian dance forms. The field is quite broad and everything can't be brought under this umbrella on day 1. But things can be started off in this direction. For example, at one centre there was research conducted on postures of Suryanamaskar by an orthopaedic surgeon who suggested addition of relevant poses for better joint mobility in existing 12-pose Suryanamaskar cycle and named it as Samarthanamaskar as he was a devotee of Swami Samartha Ramdas. Several people complain of knee problems and the Indian habit of squatting and how it becomes difficult after total knee arthroplasty. I have seen surgeons performing hemi-replacements of knee joint and patients are able to perform squatting post-operatively. I think these are some of the benefits of understanding human movement science. The Centre that you have created has a huge potential in developing human movement science. The ecosystem that you have built around the Centre with several partner institutions in various areas of specialization and different disciplines, gives us a great opportunity to move forward in that direction. In that context, I want to endorse what Dr. Ravi said earlier. You have within MGM campus, various institutions such as engineering colleges, medical colleges and you are a University in itself and I think you must leverage your autonomy by creating academic, research, research translation and industry engagement programmes where human movement science can be looked at in a very holistic way. Centre is already conducting activities for academic training, research, technology and device validation. The Centre has already started research on traditional sports, classical dance and day to day ground level activities. While talking about the overall subject of human wellness, we should also integrate biomechanics, biochemical aspects and neural connection of human body. There is a great connection between artificial intelligence to human health. Creating facilities for supporting human wellness for people who are differently-abled rather than apparently mechanical looking gadgets incorporating human intelligence with artificial intelligence technology. Relationship between human brain and external computer can work in coordination. These can be some powerful tools for development. In terms of Human movement science, there can be human neurological control or artificial control. Since you are an inter-disciplinary team, people doing PhD and Masters level projects in a joint mode i.e. medical fraternity and engineering fraternity working together is an area you might like to

carry forward. The last point that I wish to make is more general. You have come this far and if I had to ask you what's your strength. Your strength is the great ecosystem that you have built around. The point is that suppose it was Dr. Rajani, faculty member in Physiotherapy Department of MGM doing a regular job, clearly all this was not possible. Suppose Dr. Rajani had interest in research in the area of biomechanics and you would have decided to do the possible research in your department then you would have not come this far. The main reason for success of this Centre is the ecosystem that you have built. For Indian Science and technology to go forward, the so called "Atmanirbhar Bharat" will not be possible by creating slogans. Atmanirbhar Bharat will only be possible by creating such ecosystems. All complimentary elements which are required for translation of technology/information from lab to market, all of them should be a part of that ecosystem. And you have successfully created a fairly good ecosystem. If you are broadening your vision, you probably need to expand your ecosystem around you. You have come this far by yourself with your excellent work. You are on a jumping board now. So you can jump very high and I wish you all the very best for your success. Last year we championed saying let's take this society forward, take it along with everybody who is involved. If there is difficulty in making that happen then I suggest you change the name of the society **Biomechanics** broader version Human Wellness or Human wellness or science and create a new initiative. Let the old thing remain where it is and create a new Centre because sometimes the old becomes a bottle neck and a hurdle. So you have given enough opportunity to take everybody along. If you see a quick success then you go along with it. If you don't see that happening, then broaden the horizon and create a new society by its own name."

Dr. Anil Kakodkar Chairman, Rajiv Gandhi Science and Technology Commission

An Indian nuclear physicist and mechanical engineer awarded Padma Shri (1998), Padma Bhushan (1999), Padma Vibhushan (2009). Former Chairman, <u>Atomic Energy Commission of India</u> Former Secretary to the Government of India Former Director of <u>Bhabha Atomic Research Centre</u> Chairman, Board of Governors of the Indian Institute of Technology, Bombay

Executive Summary

MGM Centre of Human Movement Science (MGMCHMS) has accomplished 7 successful years since its establishment in 2015. It was established by MGM School of Physiotherapy, a Constituent Unit of MGM Institute of Health Sciences, Navi Mumbai on 5th Oct 2015. The Centre was funded by International Society of Biomechanics and BETiC, IIT-Bombay to address an urgent need to integrate clinical biomechanics in Indian healthcare.

The vision is to generate a task force within the country to undertake research and develop human movement science in India, by conducting integrated training for clinicians and engineers. The Centre assumes uniqueness in India, by conducting four major activities under one roof in parallel, namely: training, research, clinical service and technology design and validation.

In past 7 years, the Centre gained recognition for its work in training clinicians and engineers across various states of India in clinical biomechanics and commonly adopted applications of biomechanics such as human gait. Guided tours to higher secondary school and junior college students and short-term demonstrations are regularly conducted to spread awareness and disseminate knowledge of biomechanics within Maharashtra and outside, among clinicians, students and faculty members of health care and engineering.

The Centre has trained several clinicians and engineers in clinical biomechanics across Maharashtra, Gujarat, Karnataka, Kerala & Delhi through 27 training courses. Participants reported excellent feedback on knowledge base and awareness of applications of biomechanics in clinical evaluation and rehabilitation; research and technology design. Over 2238 students from Physiotherapy (including BPT & MPT), BTech, MTech, BE, Prosthetics & Orthotics (BPO) and Orthopedics (MS) have benefitted from biomechanics training.

Research activities designed for biomechanical exploration of indigenous movements and postures practiced in India, namely: Yoga, indigenous daily life postures, traditional sports and Indian classical dance forms (11) and clinical rehabilitation (6) have yielded 96 original scientific papers in peer reviewed Scopus/PubMed indexed journals. The Centre was invited to publish research findings in a special volume of Journal of Critical ReviewsTM in Physical and Rehabilitation Medicine (Volume 31, 2019 Issue 1: indexed in Scopus), with a theme 'Physical Fitness and Functional Performance in People with Musculoskeletal and Neurologic Disorders and Challenges to Rehabilitation in Middle-Income Countries'. Furthermore, the research output is compiled into a chapter titled 'Biomechanics of Indigenous Postures' in the Textbook of Basic Biomechanics of the Musculoskeletal System, 5ed, Publishers: Wolters Kluwer which is published in Jan 2021.

Original fundamental and applied research was conducted to study over 3000 healthy volunteers to generate normative reference values for Indian population (of all age groups ranging from pediatric to geriatric), which are copyrighted. Two copyrights were filed. One patent was filed for design of technology pertinent to reducing load on trunk during lifting activities. Inter-disciplinary collaborative research between Department of Mechanical Engineering, IIT Bombay and MGM School of Physiotherapy, Navi Mumbai resulted in development of a powered trans-tibial prosthesis for people with below knee amputation which was funded by Department of Biotechnology.

An external, self-wearable, low-cost, spring-loaded passive exoskeleton was designed to reduce trunk muscle fatigue in manual laborers. The device was tested on healthy people and

Mathadi workers with and without low back pain and results revealed 25% reduction in onset of fatigue. A proposal is shortlisted by Early Translation Accelerator (ETA) (established at BETIC, IIT Bombay), supported by BIRAC, New Delhi, to support its further development in a commercially viable product and license it to an industry partner. Pilot work is in process for clinical testing of a device for early detection of risk to ulceration among people with diabetic neuropathy.

Our efforts continue to explore-i) the value of squat, a traditionally practiced Indian movement for maintenance of lower extremity muscle strength, joint motion, mobility and walking capacity among people with knee osteoarthritis; ii) to help children with cerebral palsy undergoing single event multiple level surgery, a tool is being developed for home based monitoring of function; iii) biomechanics and energy cost of two modifications of traditional Suryanamaskar for application in elderly people (a collaborative project with Sancheti College of Physiotherapy, Pune).

Over 1000 patients (traumatic sports/dance or mechanical injury, cerebral palsy, stroke, Parkinson's disease, amputations, diabetic neuropathy, osteoarthritis, joint replacement) have benefitted from robust evaluation for gait analysis (at one-third of prevailing cost), balance assessment, foot geometry and pressure evaluation at markedly subsidized cost. Quantified objective reports helped surgeons, physiotherapists and prostheticians and orthoticians to plan targeted surgical interventions and therapy to optimize function after trauma/disorder.

In addition to patient care, the Centre has supported individual innovators and organizations to validate 11 ingeniously designed devices against gold standard to address unmet needs in clinical rehabilitation of patients with poliomyelitis (3), lower extremity amputations (3), diabetes (1), backache (1), health promotion (1), athletic performance (1) and gait (1). Amongst these 9 devices, 'Diabetic Foot Screening Device' and 'Mechanical Actuated Stance Control Knee Ankle Foot Orthosis' for people with polio' attracted funding from BIRAC for small-scale production and commercialization. Individual innovators ranged from entrepreneurs to our youngest listed innovator who was a standard X school student, who bagged Grand Prize at the Initiative for Research and Innovation in Science (IRIS) National Fair 2016 (New Delhi) and qualified to represent India at the Intel International Science and Engineering Fair 2017 held in Los Angeles, USA.

The dedicated team of 6 Physiotherapy faculty members and 7 Research Associate complemented by mechanical Engineers from IIT Bombay, Queen's University, Canada; Human movement scientists from Cardiff University, UK along with 7 Ph.D. scholars, 17 MPT scholars, 7 M. Tech scholars and 24 BPT Students contributed to the growth of MGMCHMS in the past 7 years. A cohesive inter-disciplinary effort between healthcare professionals and engineers is a highlight of the team work at MGMCHMS resulting in translational healthcare research.

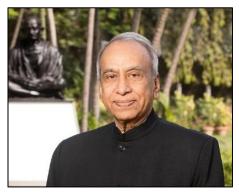
Presently it is geared to be recognized as the Centre of Excellence in Human Movement Science at national level. Additionally, it is equipped with expertise, skill and resources to assume position of a National Centre for validation of technology in the area of rehabilitation of movement disorders.

In the future, we envisage scaling our efforts for training and research to promote movement as a therapeutic device for health promotion and rehabilitation of people through a culturally palatable approach.

Dr. Rajani Mullerpatan

MGM INSTITUTE OF HEALTH SCIENCES BOARD

Shri Kamalkishor Kadam, Chancellor



"MGM Institute of Health Sciences is proud of MGM Centre of Human Movement Science, as its Centre of Excellence. Exclusive multi-disciplinary work in training, research, patient care and technology design & validation in application of human movement science in healthcare, conducted under one roof makes the Centre unique and distinctive to MGMIHS. Focused efforts in the past 7 years resulting in noteworthy contribution to development of human movement science and its application to patient care, warrants recognition as

National Centre of Excellence in Human Movement Science. Robust gold-standard technology and expertise at the Centre makes it eligible to emerge as a National Centre for Validation of Technology designed for rehabilitation of movement disorders. Due support from State and Central Government funding agencies will foster further collaborative research to promote movement as a therapeutic tool for health promotion and rehabilitation and design movement enhancement technology to benefit people from all economic strata across the globe"

Prof. Shashank D Dalvi, Vice- Chancellor

"MGM Centre of Human Movement Sciences (MGM CHMS) has completed five years, with flying colors. Biomechanics is emerging branch and there are large number of areas which needs exploration. Latest equipment's, collaboration with IIT Bombay, has made it possible. Reference data or Gold standards for comparison are not available in the field of Biomechanics that needs to be prepared. In validation of technology in the area of rehabilitation of movement disorders, this Centre can play pivotal role.



In management of various diseases like Parkinsonism, Cerebral Palsy, this Centre is working hard. As this Centre is having international recognition, all modern equipment's required for study purpose, hard-working faculty of MGM School of Physiotherapy, this is one of the Centre of Excellence of MGM Institute of Health Sciences, Navi Mumbai. On this occasion, I wish all the success in future journey of MGMCHMS Centre of MGM School of Physiotherapy, constituent unit of MGM Institute of Health Sciences, Navi Mumbai."

Dr. Sudhir.N. Kadam, Medical Director



"MGM Institute of Health Sciences encourages exclusive initiatives in health care as it pursues its mission of delivering evidence based compassionate care to our population at an affordable cost. MGM Centre of Human Movement Science is one of our exclusive facilities, which is nurturing academic, research, patient care and technology design activities under a single roof. I was involved in planning this Centre to address an urgent need to integrate applications of human movement science in healthcare in India. It has been a pleasure to witness

the growth of MGMCHMS right from its inception. I urge clinicians, researchers and academicians in Maharashtra, rest of India and across the globe to use this facility to create innovative solutions of local need and global merit for best possible patient care. Congratulations on its 7 year milestone and best wishes to MGM CHMS to grow into a Centre of Excellence for Human Movement Science!

Dr. Nitin Kadam, Pro Vice Chancellor

"MGM Centre of Human Movement Science has aptly initiated the movement at the upcoming hospital of MGM Trust at Vashi. It is my pleasure to witness growth of this Centre from its inception on paper into reality! We are proud to offer this exclusive specialized service at MGM Superspecialty Hospital to patients with movement disorders. We feel confident that this facility will go a long way in improving treatment outcome of our patients. Ongoing, robust research activities will continuously monitor and evaluate of



MGMCHMS to ensure effective service. My best wishes to MGMCHMS for all success."

Collaborators



BETiC is a multi-disciplinary biomedical engineering and technology incubation Centre which facilitates rapid translation of innovative ideas from surgeons into high-quality low-cost medical devices suitable for the local population.



BETiC is funded by the Rajiv Gandhi S&T Commission of Maharashtra Government and the Department of S&T, New Delhi.

Prof. B. Ravi (Institute Chair Professor and Head, BETiC, IIT Bombay):

"It is really heartening to see the excellent progress at MGM CHMS in the last 7 years. Commendable progress by extremelycapable and committed team. This has evolved into one of the finest facilities in the country, perhaps across Asia, for scientific study of human movement. Dr. Rajani and her committed teamare to be commended for their efforts as well as impact so far. Valuable clinical data has been generated, useful for both diagnostics and treatment for a range of disorders prevalent in India. Equally important, the facilities have benefitted hundreds of medical and engineering students as well as professionals, by exposing and training them in clinical biomechanics - an important interdisciplinary field that is rapidly taking root in India. BETiC, IIT Bombay is proud to be associated with CHMS by setting up and sharing commonfacilities, collaborative projects and training programs. It brings me honor and I am very happy tobe associated right from the beginning of MGM Centre of Human Movement Sciences. In particular, the Centre has enabled clinical validation of many innovative products developed at BETIC and other R&D labs in the country. We are happy to see the growing network of leading researchers from other national institutes, who are forming similar partnerships with CHMS.

International Society of Biomechanics

The International Society of Biomechanics (ISB) was founded at Penn State University on August 30, 1973 to promote the study of all areas of biomechanics at the international level. The ISB promotes and supports international contacts amongst—scientists, the dissemination of knowledge, and the activities of national organizations in the field of biomechanics. The ISB has a broad view of the science and application of biomechanics, believing that biomechanics has a major role in the study of all biological systems, from the level of the whole organism down to molecular size scales. Therefore, the Society's membership includes scientists from a large variety of disciplines including anatomy, physiology, engineering (biomedical, mechanical, mechatronics, etc.), orthopedics, rehabilitation medicine, sports science, sports medicine, ergonomics, electrophysiological kinesiology and others.

Dr. Tony Arndt President, International Society of Biomechanics

"MGM Institute of Health Sciences encourages exclusive initiatives in health care as it pursues its mission of delivering evidence based compassionate care to our population at an affordable cost. MGM Centre of Human Movement Science is one of our exclusive facilities, which is nurturing academic, research, patient care and technology design activities under a single roof. I was involved in planning this Centre to address an urgent need to integrate applications of human movement science in healthcare in India. It has been a pleasure to witness the growth of MGMCHMS right from its inception. I urge clinicians, researchers and academicians in



Maharashtra, rest of India and across the globe to use this facility to create innovative solutions of local need and global merit for best possible patient care. Congratulations on its 5year milestone and best wishes to MGM CHMS to grow into a Centre of Excellence for Human Movement Science!

John H Challis, Ph.D. Former President, International Society of Biomechanics

ISB has a history of supporting biomechanics projects all around the world. When Dr. Rajani Mullerpatan approached the ISB about assistance in setting-up the MGM Centre of Human Movement Science, it was a project which we enthusiastically embraced. As a former President of the ISB, I witnessed Dr. Rajani Mullerpatan at meetings of the ISB Executive Council presenting the case for the Centre in a thorough and enthusiastic way. She was a great and effective advocate for this project. Five yearsafter its inception, the Centre boasts an impressive state of the art facility with a dedicated



team providing important services. The range of projects is impressive from clinical work, to projects specific to the Indian lifestyle. From inception to realization this project has met and generally exceeded the expectations of the ISB- this is a testament to Centre personnel. Congratulations to the Centre as it celebrates its fifth anniversary. Biomechanics Lab, Penn State University, USA

Team

Faculty Profile

Prof. Director Dr. Rajani Mullerpatan

Dr. R Mullerpatan (BSc PT-1992, MScPT-1995, Mumbai University, PhD -2007, Cardiff University) leads MGM School of Physiotherapy at MGM Institute of Health Sciences, Navi



Mumbai (since 2008). After completing her doctoral program at Research Centre for Clinical Kinesiology at Cardiff University, UK (2007), she is currently focused on development of Biomechanics in India to meet local healthcare needs of Indian population. She has collaborated with leading national and international institutions in UK, Canada & Australia to promote training and research in health promotion, clinical biomechanics, clinical rehabilitation and technology design. Her passion and commitment along with a dedicated Team drive activity of clinical service, research and training at MGMCHMS (2008 onwards).

Dr. Bela Agarwal

Dr. Bela Agarwal's expertise lies in the area of cardiorespiratory and pulmonary. Physiotherapy, the science of exercise physiology and exercise testing. A graduate from Seth.GS Medical College, Mumbai and a post graduate from Lokmanya Tilak Municipal Medical College, Mumbai in 1992, she has been working in the profession for 22 years at acclaimed teaching institutes, hospitals and clinics. She is a Professor at MGM School of Physiotherapy, MGM Institute of Health Sciences, Navi Mumbai since the past 7 years in a part time capacity and is also pursuing doctoral studies at MGMSOP in the area of clinical biomechanics. She has keen interest in studying energy



expenditure of movements and relating motion analysis to functional performance and capacity enhancement. (2012 onwards).



Dr. Triveni Shetty

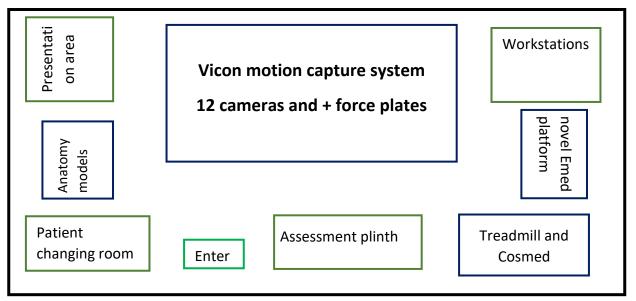
Dr. Triveni Shetty, graduated from Dr. D.Y Patil College of Physiotherapy under MUHS, completed her Masters in Neurosciences from T.N.M.C, Medical College, Nair Hospital in 2013. She also holds a Diploma in Rehabilitation-Physiotherapy degree from All India Institute of Physical medicine and Rehabilitation. With keen interest in pediatrics and movement analysis of developmental disorders, she is currently working as a Associate Professor and is an in-house research scholar pursuing her Ph.D. unthe der the guidance of Dr. Rajani Mullerpatan. She is working with MGMCHMS team since its inception and plays a key

role in capturing and processing data from VICON motion analysis system. (2015 onwards).

Facilities

MGM CHMS is spread over 2116 sq. feet area, equipped with robust state of art technology for comprehensive evaluation of human motion. MGM CHMS is located on the first floor of MGM super specialty hospital in Vashi, Navi Mumbai. The lab is 92 ft. long x 23 ft. wide x 13 ft. high.

Layout of MGM Centre of Human Movement Science

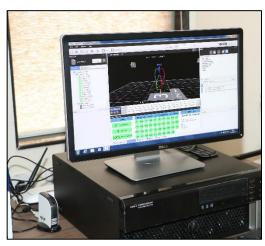


❖ Vicon motion capture system and AMTI force plates:

MGM CHMS motion analysis system is a robust gold standard equipment which includes- 12 [Bonita] 240 fps optical cameras (VICON, UK), 2



VGA video camera and three force platforms (AMTI, USA). VICON motion analysis system has



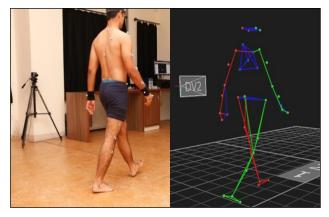
the potential to offer objective and unbiased gait information that can assist clinical decision-making. In addition, motion analysis can be used to influence decision making for orthopedic surgery and assess post treatment progress. AMTI biomechanics force platforms are designed to measure forces, moments and are sensitive to accelerations. Force plates can be used individually or as a walkway to record multiple footfalls.

VICO N along with AMTI force plates is a state of art system for comprehensive motion analysis and allows reliable assessment of kinematics and

kinetics of human movement. The system is extensively used in research setting for evaluation of motion in all three planes.

The MGMCHMS is also equipped with Vicon Polygon reporting software. This is an integrated visualization and report editing tool that enables quick and easy creation of a gait

report. Polygon analyzes trial data that has been created with Vicon motion capture and processing software. Though the software contains modeled data generated by Vicon biomechanical modeling software (such as Plug-in gait, bodybuilder and OLGA); MGM CHMS has generated custom based template for gait analysis with reference values generated from Indian population, thus providing a better



understanding o

the deviations pertaining to our population.



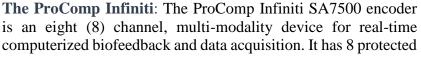
Novel e-med system for plantar pressure analysis:

E-med[®] Pedography platform at MGM Centre of Human Movement Science is gold standard system for foot geometry and plantar pressure distribution (Novel e-med, Germany). E-med ® Pedobarography platform (frequency 100Hz, resolution: 4 sensors/cm 2, sensor area:

574x320mm) is an accurate electronic system for recording and evaluating foot geometry and plantar pressure distribution under static and dynamic conditions. It consists of calibrated capacitive sensors that provide robust, objective and reliable information on foot function. The Emed platform is extensively used for scientific research on foot geometry and pressure distribution. The system provides maximum and average plantar pressure over total foot as well as regional pressure distribution over forefoot, midfoot, hindfoot, hallux and toes. Apart from measurement of foot geometry, important measures such as arch index, hallux angle, coefficient of spreading etc can also be computed which are unavailable from traditional foot print system. Pedobarography measurement has significant applications in footwear design, sports biomechanics to correct altered landing pattern.

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.





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 stet-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

Trunk Leg Dynamometer:

The Trunk leg dynamometer is an objective instrument 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



Vibrothesiometer:

Digital Vibrothesiometer is a robust objective 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.

Body Composition Analyser(A202 Tanita):

Tanita is the standard and market leader for body composition analyzers. A Tanita body composition monitor provides valuable measurements regarding body fat, skeletal muscle mass and water content. These measurements indicate body fat, muscles metabolism, bone structure and body water. The equipment provides a quick non-invasive method to assess body composition, an important component of physical fitness.

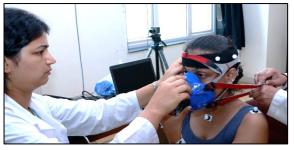


❖ Oxygen Consumption Analyzer (Fitmate Med, COSMED): Fitmate Med by COSMED, Italy is an electronic device developed for assessing resting metabolism, cardio-respiratory fitness (VO2max) and basic spirometry (FVC, SVC, MVV). It allows personalized weight management programs and exercise prescriptions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



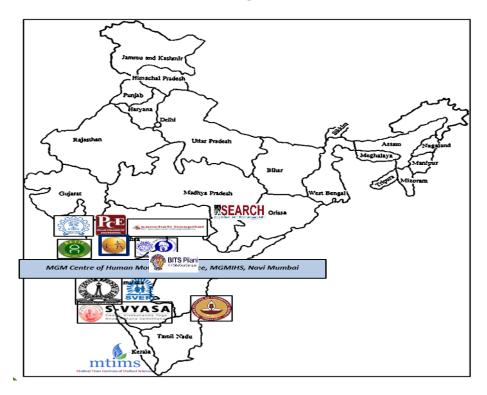
respiratory and metabolic systems allows for monitoring treatment outcomes and prescription of evidence-based activity. This non-invasive, indirect measure permits evaluation of sub-

maximal and maximal exercise performance. It involves measurements of gas exchange, primarily oxygen uptake i.e. VO₂, minute ventilation, heart rate, respiratory frequency and energy expenditure. VO₂ at maximal exercise (peak VO₂) is considered the best index of aerobic capacity and cardiorespiratory function. It is a sensitive measure

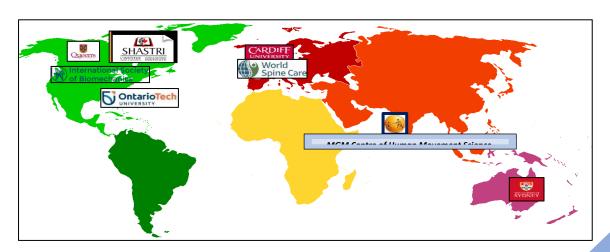


which can be used to understand cardio-respiratory function in health and disease.

Network National collaborations & Linkages

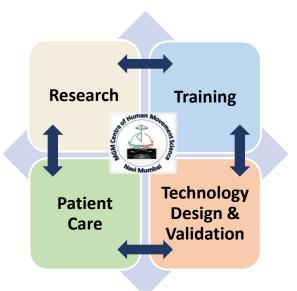


National collaborations & Linkages



Distinctiveness of MGM Centre of Human Movement Science

Four activity domains



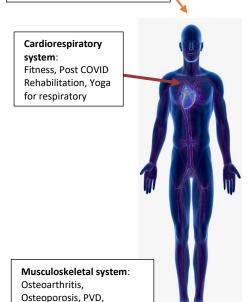
Breadth and Depth of Human Movement Application in Healthcare



Across Body Systems

Neurological system: Stroke, Parkinson's disorder, Cerebral palsy, Downs syndrome, Balance

Amnutation Diahetes





Women's Health: Across Lifespan

0-5 years (Birth)

- 1.Understand Knowledge attitude practice to increase survival & acceptance of girl child with neuro-motor disability.
- 2.Develop DREaM application.

6-12 years (Puberty)

- 3. Maintaining health through integration of fitness variables in health tracking.
- 4. Fitness in school curriculum.

13- 18 years (Puberty):

1. Maintaining Menstrual Hygiene in girls with neuro-motor disability.

18-45 years (Child-bearing age)

- 1.Development of Janayasana for safe child birth as an extension of Matritva Suraksha Yojna.
- 2. Healthy Mother Healthy Child: Fitness in ANC & PNC

45- 50 years (Peri-menopausal):

- 1. Early detection and management of osteoporosis.
- 3.Health promotion

50 years & above (post-menopausal):

1. Evidence informed exercise for bone health

Technology Validation

MGM Centre of Human Movement Science is equipped with robust gold-standard technology and expertise necessary to validate technology designed for health promotion and rehabilitation of people with movement disorders. The Centre has successfully validated 11 indigenous devices designed by innovators from School (Ambani School, Mumbai), academic and research institutes of technology (IITB, IITM), Technology incubation Centre's (BETiC) and



Industry (Actofit, Navi Mumbai). Successful illustration of technology validation in past 7 years is attracting major industry innovators for this purpose.

In the duration September 2022 to August 2023, MGM Centre of Human Movement Science, MGMSOP co-hosted stage one of MEDHA (Medical device hackathon) 2023 organized by BETIC, IIT Bombay at. A total of 16 participants 5 Physiotherapist - 2 faculty and 3 students, 1 Dentist, 1 Entrepreneur, 3 Biotechnology students, 7 engineering students participated in the event from 20th to 28th May 2023. The Centre reached out to various Innovation Centers across India to inform them of availability of robust, gold-standard technology available for validation of technology pertinent to rehabilitation through e platforms. In the duration of one year, eight developers contacted the Centre for validation of their devices. Testing was conducted for validation of two devices.

Training

In past 7 years, the Centre gained recognition for its work in training clinicians and engineers across various states of India in clinical biomechanics and commonly adopted applications of biomechanics such as human gait. Guided tours to higher secondary school and junior college students and short-term demonstrations are regularly conducted to spread awareness and disseminate knowledge of biomechanics within Maharashtra and outside, among clinicians, students and faculty members of health care and engineering.

The Centre has trained several clinicians and engineers in clinical biomechanics across Maharashtra, Gujarat, Karnataka, Kerala & Delhi through 27 training courses including tours to MGMCHMS. Participants reported excellent feedback on knowledge base and awareness

of applications of biomechanics in clinical evaluation and rehabilitation; research and technology design. Until now, over 2238 students from Physiotherapy (including BPT & MPT), BTech, MTech, BE, Prosthetics & Orthotics (BPO) and MS(Orthopedics) have benefitted from biomechanics training.

In the duration September 2022 to August 2023, training was conducted through 2 3D gait analysis workshop for 37 students, 1 clinical biomechanics workshop for 37 participants, 1 workshop on healthy dancing for 46 dance artists. Lab facilities were demonstrated through 34 tours, for students, faculty members and clinicians from engineering and healthcare fields. Over 1418 students from Physiotherapy (including BPT & MPT), Prosthetics & Orthotics (BPO) and MS(Orthopedics) benefitted from biomechanics training conducted during the curricular training.

Curricular training

Research

The Centre conducts research in 4 major thrust areas: i) biomechanical exploration of traditional ground level activities and its scientific application; ii) biomechanical exploration of Yoga and its scientific application in healthcare; iii) biomechanical exploration of traditional sports and its scientific application in healthcare and iv)





IV BPT students being trained on 3D gait analysis for healthy and patient population

biomechanical exploration of traditional dance form and its scientific application in healthcare. Research activities in these areas have yielded 96 original scientific papers in peer reviewed Scopus/PubMed indexed journals. Complete research output is compiled into a chapter titled 'Biomechanics of Indigenous Postures' in the Textbook of Basic Biomechanics of the Musculoskeletal System, 5ed, Publ: Wolters Kluwer is published in Jan 2021.

Fundamental and applied research was conducted to study over 3000 healthy volunteers to generate normative reference values for Indian population (of all age groups ranging from pediatric to geriatric), which are copyrighted, have huge potential for application in future research and design of healthcare solutions including therapy and tool kits for rehabilitation, sports, education and daily personal care. The Centre has patented three devices pertinent to rehabilitation.

In past 7 years, MHMCHMS has evaluated over 2593 participants for various research activity and its clinical implementation in the area of cerebral palsy, women's health, diabetes mellitus, spine pain, lower limb amputations, dancer's health as well as development of indigenous medical assistive devices through various intramural, extramural and collaborative funded research projects.

In the duration September 2022 to August 2023 the center submitted 13 manuscripts for publication, published 18 papers and submitted 10 proposals to extramural funding agencies. Two copyrights and 1 patent was filed.

Publications

Sr. No	Title	Authors	Journal	Year	Database Indexing
]	Dance Biomechanics		•	
1.	Evidence – base for effect of dance therapy on functioning in children with Neuro-motor disorders – A review based on ICF framework	Akhila Natesan, Triveni Shetty, Rajani Mullerpatan, Shrutika Parab	Critical Reviews TM in Physical and Rehabilitation Medicine	2023 Jan	Scopus
		linical Rehabilitation		I	
2.	Effect of low intensity transcutaneous electrical nerve stimulation (TENS) on vastus medialis obliquus muscle activation for reduction in pain and improvement in function in patients with chronic osteoarthritis of knee joint	Mamta Shetty, Rucha Pradhan, Sidra Shaikh, Trishala Singh, Trupti Shetty, Sneha Venkatraman (BPT)	International Journal of Recent Scientific Research	2022 Dec	UGC
3.	Influence of work, home, and lifestyle related factors during COVID-19 lockdown on presentation of pain and functional status among school teachers with chronic non-specific low back pain-An online survey	Anisha Gulati, Sharwari Sardeshmukh, Suruchi Sawant, Seeba Mohamed, Avani shah, Shreya Salunkhe (BPT)	International journal of Physiotherapy and Research	2023 Feb	UGC Care
4.	Health-Related Quality of Life of People with Chronic Kidney Disease in Low-and Middle-Income Countries: A Literature Review	Mullerpatan R, Agarwal BM, Joshi A, Nayak A, Kulkarni S	Critical Reviews TM in Physical and Rehabilitation Medicine	2023 Mar	Scopus
5.	Early detection and therapeutic intervention to maximize functioning in children and adults with noncommunicable diseases associated with disability: challenges & solutions	Mullerpatan R, Agarwal BM	Critical Reviews TM in Physical and Rehabilitation Medicine	2023 Mar	Scopus

6.	Comparison of Palmar Abduction in three wrist positions among healthy adults using conventional goniometer	Dr. Anisha Gulati (PT), Dr. Rajani Mullerpatan, Karna Ratish	International Journal of Current Advanced Research	2023 Jan	Pubmed
7.	Physiotherapy in Musculoskeletal/Neurologica l/systemic disorders: AB No: 34 Biomechanical, biochemical and structural adaptations of knee articular cartilage to varying magnitude of squat exposure.	Agarwal B, Mullerpatan R, Yadav R, Kapoor P	Journal of Society of Indian Physiotherapi sts	2023 Jul	UGC
8.	Influence of Types of Media and Modes of Therapeutic Ultrasound on drug absorption in phonophoresis: A Comparative Experimental study on rabbits	Sreeraj SR, Bellare B, Ray I	Research Journal of Pharmacy and Technology	2023 Aug	Scopus
		ary and Respiratory I		1	
9.	Factors influencing health- related quality of life, return to work and optimal utilization of cardiac rehabilitation in adults with cardiac disorders- A literature review	Payal Murkudkar, Bela Agarwal, Rajani Mullerpatan	Critical Reviews TM in Physical and Rehabilitation Medicine	2023 Feb	Scopus
10.	Predictive equation for six- minute walk test in Indian children, adolescents, and adults	Agarwal B, Shah M, Sawant B, Bagwe H, Murkudkar P, Mullerpatan R	Lung India	2023 Mar	Scopus
11.	Information/education page, "Awake Repositioning/ Proning Protocol	Nikita Jagtap (MPT), Bela Agarwal, Hiranmayee Bagwe, Payal Murkudkar	Archives of Physical Medicine and Rehabilitation	2023 April	Pubmed
12.	Incentive Spirometer to Improve Lung Function in Patients with Chronic Lung Disease: A Patient Guide	Bela Agarwal, Devika Bhosale (MPT), Payal Murkudkar, Hiranmayee Bagwe	Archives of Physical Medicine and Rehabilitation	2023 April	Pubmed
13.	Disability, Validation studies, Cancer: AB No: 57 MGM Knowledge, Attitude and Practice Tool for primary caregivers of children with cerebral palsy: development and validation	Shetty T, Ganesan S, Mullerpatan R	Journal of Society of Indian Physiotherapi sts	2023 Jul	UGC

	Neuromotor impairments							
14.	Physical Therapy Based Early Intervention in Limb- Girdle Muscular Dystrophy Recessive-23	Kunti C, Ryain A, Dogra P, Ghosh A, Parab S	Indian journal of pediatrics	2023 Jan	Google Scholar, Scopus			
15.	Review of Physical Signs and Biochemical and Radiological Biomarkers for Detection of Prodromal Parkinson's Disease.	Shrutika Parab, Rajani Mullerpatan, Vipla Puri, Mary Anne J. Joseph, Aarati Kulkarni	Physical and Rehabilitation Medicine	2023 Feb	PubMed			
16.	Gross motor function profile in children with cerebral palsy from low-resource setting.	Triveni Shetty, Rajani mullerpatan, Sailaxmi Ganesan	Journal of Pediatric Rehabilitation Medicine	2023 Mar	PubMed, Scopus			
17.	Effect of 12-week sports intervention programme on physical fitness and sports performance in individuals with spinal cord injury. Indian Journal of Physiology and Pharmacology.	Bela Agarwal, Bela Agarwal, Oshin Ambedkar, Rajani Mullerpatan	Indian Journal of Physiology and Pharmacolog y	2023 Mar	PubMed			
18.		Kuttan V, Shetty T, Parab S, Agarwal B, Mullerpatan R	Critical Reviews TM in Physical and Rehabilitation Medicine	2023 Mar	Scopus			

Ongoing Research Projects

Summary of	Ongoing Projects	
Faculty	10	
PhD	2	
MPT	8	
Interns	5	
Total	25	

Awards and recognition

In the duration of September 2022 to August 2023, the Centre has received funding for 3 projects from

- 1. Department of Science and technology (DST), Govt of India,
- 2. Rajiv Gandhi science and technology commission (RGSTC), Government of Maharashtra,
- 3. Department of Health Research, Government of India and

The Centre has been recommended for sanction for 1 project by Department of Biotechnology, Government of India,

Women Scientists Scheme (WOS)

This initiative by Department of Science and Technology (DST) primarily aims at providing opportunities to women scientists and technologists between the age group of 27-57 years to encourage projects related to Science & Technology (S&T) interventions for societal benefit.

Year of grant application to DST: 2020

Grant received in: January, 2022

Fund Approved (INR): Rs. 24,15,008.00

Project name:

Mobile-based application for telerehabilitation for self-empowerment of community-dwelling elderly people for maximization of physical function - A pilot study".

Principal Investigator: Poonam Desai (Ph. D Scholar) **Guide:** Dr. Rajani Mullerpatan (Professor-Director)

Project Progress:

Project progress was presented to

review committee of DST on 6th July 2023. The committee rated the project progress as good. Based on the presentation sanctioned amount of second year was released.

Structure and content of the mobile-based application has been prepared based on the

findings of the comprehensive geriatric assessment on 500 elderly adults.

A framework will be developed during the process to detect the risk of falls and neuro-motor disorders in the elderly.

The mobile application will be developed comprising of tools for early detection and referral component of elderly adults at risk of falls.

The proposed mobile application will allow administration of a guided rehabilitation program to the elderly based on findings of clinical assessment and risk assessment.

Rajiv Gandhi Science & Technology Commission (RGSTC)

Rajiv Gandhi Science & Technology Commission (RGSTC) launched a scheme under' Assistance for Science and Technology' scheme during 2021 to encourage innovative application of science and technology for socio-economic development.

Year of grant application to RGSTC: 2022

Grant received in: May, 2022

Fund Approved (INR): Rs. 22,54,000

Project name:

Development of mobile technology (Detect, REhabilitate and Monitor (DREaM)): Empowerment of primary caretakers of children with Cerebral palsy' submitted under the Scheme

Principal Investigator: Dr. Rajani Mullerpatan (Professor-Director)

Co-investigator: Dr. Sailaxmi Ganesan, Hon' Professor, MGMSOPNM,

Dr. Triveni Shetty, Associate Professor, MGMSOPNM,

Dr. Revathi Natesan, Assistat Professor, Pediatrics, MGM College, NM,

Mr. Vijay Bhonsale, HOD, Computer Science, MGM College of Engineering, NM.

The project aims to develop a mobile-based application to create referral framework pathway that serves as a link between rural areas/urban slums and tertiary hospitals to-

- Monitor normal child development and detect red flags to identify developmental delay
- Detect deterioration of function among children with cerebral palsy at an early stage.
- Develop a mobile-based Tele-rehabilitation module for children with cerebral palsy-
- 1) particularly those children and care-givers residing in remote areas of India, who are devoid of care because they cannot access care and
- 2) those in the cities who cannot afford routinely offered typical contact-care in rehabilitation services.

Project Progress:

A functioning prototype of the mobile application has been developed. Face validation and pilot testing of prototype was conducted. Translated version of the app are currently being prepared

Department of Health Research (DHR)

Department of Health Research (DHR)launched a scheme to' Support to impart training-HRD component D' in 2023 to assist development of training programs and support educational initiatives.

Year of grant application to RGSTC: 2023

Grant received in: July, 2023

Fund Approved (INR): Rs. 37,26,000

Project name:

Integrated Geriatric Training: Targeted to address 5 Geriatrics Giants: Immobility, Instability, Incontinence, Impaired cognition & Insomnia

Principal Investigator: Dr. Rajani Mullerpatan (Professor-Director)

The project aims to design and deliver an integrated geriatric training program to ensure holistic, comprehensive care for the elderly.

Project Progress:

As team of faculty members and subject experts have been recruited for preparation of the training module. Future plan is to preparation and delivery of content.

Patient care

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. Over 3000 consented healthy participants (aged between 5-75 yrs.) were analyzed to generate normative reference data for Indian population and this is still ongoing.

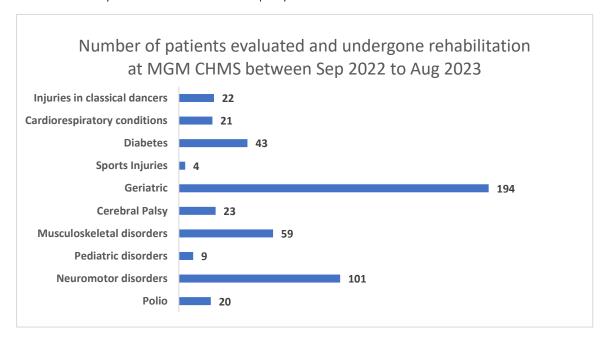
In the duration of September 2022 to August 2023, 496 patients availed testing and rehabilitation facilities at MGM CHMS.





Gait analysis of Child with cerebral palsy

Energy cost of gait of patient with amputation



Graphs presents number of patients evaluated and undergone rehabilitation at MGM CHMS between Sep 2022 to Aug 2023

Eminent Visitors



Dr. Mayura Deshmukh (PT) Assistant Professor, Dr. Reema Joshi (PT) Associate Professor, Dr. Sanjeevani Dhote (PT) Associate Professor, Dr. Mrudula Sangaonkar (PT) Assistant Professor from DY. Patil, College of Physiotherapy and Dr. Poonam Desai



Mr. Glady Arulmani (Neurological Physiotherapist NHS, UK), Mr. Bernis Glady (Paediatric Physiotherapist, NHS, UK) and Dr. Victoria Kuttan



Dr. Rajani Mullerpatan (Professor and head) and Dr. Triveni Shetty (Associate Professor) discussed the plan of action for collaborative project on orthopaedic foot conditions in children with Dr. Tushar Agarwal, Paediatric Orthosurgeon, Aastha Hospital.



Dr. Rajani Mullerpatan (Professor -Director, MGMSOP) demonstrating pedobarography system to Dr. Vilas Sakpal (Hon'ble Vice Chancellor, MGM University, Aurangabad)



Dr. Abhay Bang (Founder and Director, SEARCH) gave his valuable inputs and appreciated the team of MGM CHMS for integrating research and science with



Dr. Rajani Mullerpatan and Dr. Saioa Herrero, Faculty of Engineering, Bilbao, Spain discussed plans for collaboration



Prof. Pierre Cote (Professor, Canada Research Chair in Disability Prevention and Rehabilitation Director, Institute for Disability and Rehabilitation Research, Ontario Tech University, Canada) and Dr. Triveni Shetty

Acknowledgements

The dream of MGM Centre of Human Movement Science (MGMCHMS) was conceived and nurtured by several visionaries to develop Human Movement Science in India for academic and societal benefit. The Centre will remain grateful to each one of them for its existence and growth.

MGM Institute of Health Sciences (MGMIHS) took a strong initiative to develop Human Movement Science in India and established MGMCHMS in October 2015 with generous support from International Society of Biomechanics and BETiC IITB. Chairman of MGM Trust & Chancellor, MGMIHS, Shri Kamalkishore Kadam and previous and present members of MGMIHS, particularly-Former Chancellor Prof. K.G.Narayan Khedkar and Former Vice Chancellor Dr. Sudhir Kadam, Vice-Chancellor, Prof. Shashank Dalvi, Former Vice Chancellor Prof. R.D. Bapat, Pro Vice-Chancellor Dr. Nitin Kadam, Former Pro Vice Chancellor Lt. Gen Dr. S.K. Kaul, Former Pro Vice Chancellor Research Dr. Chander Puri, believed in integrating biomechanics in healthcare and supported this dream. The Registrar of MGMIHS, Dr. Rajesh Goel, Research Director, Dr. Sabita Ram and Medical Superintendent of MGM Hospital Kamothe, Lt. Gen Dr. K.L. Salgotra has always helped enthusiastically in execution of various activities.

Dr. Anil Kakodkar inaugurated the Centre in recognition of the need for developing biomechanics in India to address unmet needs in healthcare. The Team looks up to his commitment to guide and support the mission of MGMCHMS. Prof. B. Ravi, Founder & PI, Biomedical Engineering and Technology Innovation Centre (BETIC) has been a rock pillar, since the inception of MGMCHMS and continues to be unassumingly supportive and our guiding lighthouse!

The Team is grateful to International Society of Biomechanics (ISB) who helped this initiative with massive support for equipment and expertise for planning and installation of the motion capture system. Former members: President, Prof. Anthony Van Bagert, President, Prof. John Challis, Affiliate Societies Officer, Dr. Andrea Hemmerich and Dr. Bart Koopman from ISB played exclusive roles in creating this facility. Prof. Robert van Duersen, ISB Member supported the Centre immensely, right from planning and installation of equipment and continues to participate in the research activities from Cardiff University, UK. We express our deep gratitude to Mr. Andy Ray, Vicon, UK; Mr. Gary Blanchard, AMTI, USA and Mr. Peter Seitz, novel, Germany for their generous equipment donations to get MGMCHMS started with necessary equipment.

MGMCHMS is thankful to its collaborators, particularly, Dr. Rupesh Ghyar, BETiC and Prof. Abhishek Gupta from IIT Bombay; Dr. S.N. Omkar, Indian Institute of Science Bangalore; Dr. Sujatha Srinivasan, IIT Madras and Dr. Kanagraj, IIT Guwhati for engineering expertise.

We are thankful to expert clinicians who utilize this facility for robust objective investigation of movement disorders particularly Dr. Ashok Johari, Director, The Enable International Centre for Paediatric Musculoskeletal Care, Dr. Tushar Agarwal, Pediatric Orthopedic Surgeon along with Dr. Roshan Vania (PT), Head of Dept, Neurophysiotherapy, Bombay Hospital and Dr. Rahul Kadam, Dr. Bhushan Patil and Dr. Atul Bhaskar, Orthopedic Surgeons.

The Centre continues to strive for excellence with untiring, utmost efforts of its dedicated Team, which includes core members- Dr. Bela Agarwal (PT), Dr. Triveni Shetty (PT) and Dr. Juhi Bharnuke (PT). We will remember Dr. Jyoti Chatla (PT), who supported the Centre in the beginning and are grateful to all our research associates (Dr. Bindiya Sharma (PT), Dr. Megha Solanki (PT) and Dr. Blessy Thomas (PT)), PhD scholars, MPT Scholars, Faculty members, Interns and students of MGM School of Physiotherapy and PhD and M.Tech Scholars of IIT

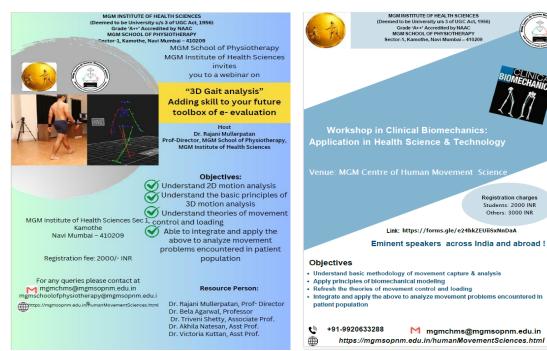
Registration charges Students: 2000 INR Others: 3000 INR

M mgmchms@mgmsopnm.edu.in

Bombay. The Team thanks all our friends, well-wishers and family members who have immensely supported us always.

Value added Courses Offered:

3D Gait Analysis – Adding skill to your Clinical Biomechanics future toolbox of e-evaluation



Other courses offered:

Detection, Awareness and Management of Cerebral Palsy

Title	Detection , Awareness and Management of Cerebral Palsy			
Department	MGM School of Physiotherapy , MGM IHS , Navi Mumbai			
Venue	MGM School Of Physiotherapy , Navi Mumbai			
Course objectives	Understand normal development.			
	2. Identify high risk babies / babies at risk of development of			
	cerebral palsy (based on etiologies)			
	3. Identify the red flags for diagnosis of cerebral palsy (based			
	on developmental sign and symptoms)			
	4. Understand Cerebral palsy, level of function, severity &			
	needs of children with cerebral palsy.			
	5. Understand whom to refer / referral framework for children			
	with cerebral palsy			

MGM GE ULTRASOUND SIMULATION LAB

MGMIHS has taken a futurist initiative in collaboration with GE Healthcare to set up the 1st Ultrasound Simulation Centre of Excellence Lab in South Asia at its MGM, Kamothe, Navi Mumbai campus. 'September 2022 to August 2023' is the second year after the establishment of MGM GE Ultrasound Simulation Lab.

Except the common diagnostic exams during pregnancy, hospitals, clinics and physicians are using ultrasound in many more ways. Ultrasound has proven to be an effective diagnostic tool for a variety of medical procedures like breast biopsies, liver biopsies and a host of others. It's also commonly used to view potentially cancerous tumours in the body. It has increased in importance during the past fifty years.

As ultrasound uses non-ionizing radiation, physicians consider it to be minimally-invasive and safe in most cases.

Its portability is an added feature; one that has made it a standard piece of equipment utilized by emergency personnel all over the world. EMT response teams are able to make quick use of ultrasound when administering first aid to provide additional information to the hospital before the patient is treated further.

This creates immense demand for learning Ultrasound fundamentals from various nonradiology branches such as General and Emergency Medicine, Anaesthetists, Orthopaedics, Pain Physicians, Oncologists, Pathologists and many more.

MGM GE Ultrasound Lab being a "Centre of Excellence" facility provides you an opportunity to learn Ultrasound on a Cloud based Self-learning platform- "Sonosim". It's a Simulation software that is equipped with Audio-Visual learning materials, Exams with answer keys as well as a 'Simulation Probe' that gives the learner a Simulation of Ultrasound probe with the help of a computer. The workshops take you one step further where participants are first introduced to Anatomy of the body organs to be studied on Cadaver and then scanning on Human volunteers. This flow of activities reduces the learning curve of the learner drastically and Ultrasound learning becomes fun!



Anatomy Refresher



Ultrasound Simulation



Scanning on Volunteer

Following is the list of workshops conducted throughout the above-mentioned period:

Sr. No.	Workshops conducted at 'MGM GE Ultrasound Simulation Lab' during (Sep 2022 – Aug 2023)	Dates	No. of Participants attended
			the workshop
1	5 th MSK USG Workshop	7 th , 8 th & 9 th October 2022	15
2	6 th MSK USG Workshop	9 th , 10 th and 11 th December	11
		2022	
3	7 th MSK USG Workshop	17 th , 18 th and 19 th March 2023	10
4	1 st Regional Anaesthesia Workshop	1 st and 2 nd April 2023	11
5	8 th MSK USG Workshop	14 th , 15 th and 16 th April 2023	8
6	2 nd Regional Anaesthesia Workshop	6 th and 7 th May 2023	11
7	9 th MSK USG Workshop	9 th , 10 th and 11 th June 2023	7
8	10 th MSK USG Workshop	14 th , 15 th and 16 th July 2023	12
9	11th MSK USG Workshop	11 th , 12 th and 13 th August 2023	11

All these workshops were conducted jointly by Department of Anatomy, Radiology and Anaesthesia of MGM Medical College and Hospital, Kamothe, Navi Mumbai.

Dr. Shantanu Mallick, [MBBS, DA, MD, FIPP (UK), FIAPM, MBA (Health Care) Pain Physician & Anatomist] played a key role and conducted all these workshops as an Organizing secretory. With his toil and strong support of Dean and Management of the Institute we are able to conduct these workshops on monthly basis and also plan to conduct the same and more in near future.

We are happy to mention that, many Anaesthetists, Orthopaedics, Radiologists and Pain Physicians from all over the India as well as from different countries such as Greece, Egypt, Mexico etc. attended these workshops and have given *International fame* to the MGM Medical College and MGM Institute of Health Science, Kamothe, Navi Mumbai!

MGMIHS CONVOCATION

Awarded Degrees

The following degrees awarded in 17th Convocation at MGMIHS, Navi Mumbai on 01.03.2023 Program wise detail as under:

Programme Name	Number of students
PhD	10
MD & MS	03
Fellowship	07
Super Speciality	01
MPT	0
M.Sc.(AHS), MHA & MPH	53
M.Sc(Medical)	18
M.B.B.S	21
B.Sc (AHS)	112
B.P.T	20
B.sc Nursing	49
M.sc Nursing	04
P.B. B.Sc.	10
M.sc Nursing NPCC	08
B.P.O	0
Total	316
Except Fellowship	309

List of various medals awarded in 17th Convocation





- 1. Chancellor's Medal to <u>JEMY GEORGE DANIEL</u> from MGM New Bombay College of Nursing, Navi Mumbai for being the "Best Graduate in Nursing" (Batch2018-2022)
- 2. Chancellor's Medal to <u>YAGYA KOIRALA</u> from MGM New Bombay College of Nursing, Navi Mumbai for being the "Best Post Graduate in Nursing" (Batch2020-2022).

- 3. Chancellor's Medal to <u>S JAYALAKSHMI</u> from MGM Medical College, Navi Mumbai, for being the "Best Post Graduate in M.Sc. (Medical Microbiology) 3 Years" (Batch 2019-2022)
- 4. Chancellor's Medal to <u>BINMAZI BARKA SAUD</u> from MGM School of Biomedical Sciences, Aurangabad, for being the "Best Post Graduate in M.Sc. (Clinical Research) 2 Years" (Batch 2020-2022)
- 5. Chancellor's Medal to MONICA MOVIES from MGM School of Biomedical Sciences, Navi Mumbai for being the "Best Graduate in Paramedical Sciences" (Batch2018-21) SHARING WITH Chancellor's Medal to SHAIKH SUMINISHA KAMRUDDIN from MGM School of Biomedical Sciences, Navi Mumbai for being the "Best Graduate in Paramedical Sciences" (Batch2018-21)





The following degrees awarded in 18th Convocation at MGMIHS, Navi Mumbai on 27th August 2023 Program wise detail as under:

Programme name	Number of	Students	Eligible Student data
PG Course	NM	Aurangabad	Total
M.Sc Nursing (NPCC)	0	0	0
M.Sc Nursing	0	0	0
MPT	9	8	17
M.Sc. AHS/MHA	70	3	73
M.Sc. Med	3	1	4
MD/MS	107	62	169
Super Speciality	0	0	0
Ph.D.	6	2	8
MBBS	151	143	294
ВРТ	69	53	122
BPO	21	0	21
B. Sc Nursing	0	0	0
P.B.B. Sc Nursing	0	0	0
B.Sc. (AHS)	33	28	61
Total	469	300	769









List of various medals awarded in 18th convocation

- Chancellor's Medal for MD/MS Examination in Pre & Para Clinical Sciences to <u>KANDI NIDHI</u> <u>SHIRISH</u> from MGM Medical College, Aurangabad for being the "Best Post Graduate in Pre & Para Clinical Sciences (MD/MS)" (Batch 2020-2023)
- Chancellor's Medal for MD/MS Examination in Clinical Sciences <u>AJINKYA RAVERKAR</u> from MGM Medical College, Aurangabad for being the "Best Post Graduate in Clinical Sciences (MD/MS)" (Batch 2020-2023)
- 3. Chancellor's Medal for MBBS to **SHROFF NEETA GAUTAM** from MGM Medical College, Aurangabad, for being the "**Best Graduate in MBBS**" (Batch 2017-2023)
- Chancellor's Medal for Best Post Graduate in Physiotherapy to <u>QURAISHI MALIHA FATIMA</u> <u>KHUSRO AHMED</u> from MGM School of Physiotherapy, Aurangabad, for being the "Best Post Graduate in MPT" (Batch 2020-2023)
- 5. Chancellor's Medal for BPT & BPO to <u>UBHARE APEKSHA VILAS</u> from MGM Institute's University Department of Prosthetics & Orthotics, Navi Mumbai, for being the "Best Graduate in BPO" (Batch 2018-2023)
- Chancellor's Medal for Best Post Graduate in M.Sc. Biomedical Courses (2 Years) to <u>SINGH</u>
 <u>MADHU RANGBAHADUR MEERA</u> from MGM School of Biomedical Sciences, Navi
 <u>Mumbai</u> for being the "Best Post Graduate in M.Sc. (Medical Biotechnology) (2years)" (Batch 2021-2023)
- 7. Dr. A.M. Vare Gold Medal to <u>MUSKAN AGRAWAL</u> from MGM Medical College, Navi Mumbai for securing Highest Marks in Anatomy Subject (1st Year MBBS; Batch 2017-2023)
- 8. **Dr. R. D. Kulkarni Gold Medal** to <u>KOLHE VAISHNAVI SUNIL</u> from MGM Medical College, Navi Mumbai for securing **Highest Marks in Pharmacology Subject** (2nd year MBBS; Batch 2017-2023)
- 9. **Dr. C.A. Franklin Gold Medal** to <u>PRABHU ANUSHA NICOLE</u> from MGM Medical College, Navi Mumbai for securing Highest Marks in FMT Subject (2nd Year MBBS; Batch 2017-2023)

- 10. **Dr. L.H. Hiranandani Gold Medal** to <u>SHIWANSH YADAV</u> from MGM Medical College, Navi Mumbai for securing **Highest Marks in ENT Subject** (3rd Year Part I MBBS) Batch 2017-2023)
- 11. MGMIHS Gold Medal to SHROFF NEETA GAUTAM from MGM Medical College, Aurangabad for securing Highest Marks in General Medicine (3rd Year Part-II MBBS; Batch 2017-2023)
- 12. MGMIHS Gold Medal to SHROFF NEETA GAUTAM from MGM Medical College, Aurangabad for securing Highest Marks in General Surgery (3rd Year Part-II MBBS; Batch 2017-2023)
- 13. MGMIHS Gold Medal to SHROFF NEETA GAUTAM from MGM Medical College, Aurangabad for securing Highest Marks in Paediatrics. (3rd Year Part-II MBBS; Batch 2017-2023)
- 14. MGMIHS Gold Medal to MUSKAN AGRAWAL from MGM Medical College, Navi Mumbai for securing Highest Marks in OBGY. (3rd Year Part-II MBBS; Batch 2017-2023)

 (Sharing)

MGMIHS Gold Medal to SHROFF NEETA GAUTAM from MGM Medical College, Aurangabad for securing Highest Marks in OBGY. (3rd Year Part-II MBBS; Batch 2017-2023) (Sharing)

MGMIHS Gold Medal to <u>SHRUTI SARANG JOSHI</u> from MGM Medical College, Aurangabad for securing **Highest Marks in OBGY.** (3rd Year Part-II MBBS; Batch 2017-2023)





RESEARCH AND EXTENSION ACTIVITIES AT MGMIHS

:-Project: Research Grant-:

Extramural Project: -

Sr No	Title of the Project	Principal Investigator	Year	Grant Agency	Funding Amount	Grant Received
1	Impact of radiations from Cell Phone Towers and Cell Phone use in Health and Development (including neurodevelopment changes) of children: A multidisciplinary collaborative cohort study	Dr Maninder S Setia	2021	ICMR	10580203	3429734
2	Development of mobile technology (Detect, REhabilitate and Monitor (DREaM)): Empowerment of primary caretakers of children with Cerebral palsy	Dr. Rajani Mullerpatan	2022	Rajiv Gandhi Science & Technology Commission	2254000	1649000
3	Impact of fortified rice and vitamin C rich food on iron status of anaemic school age children (6-12 years)	Dr Priyanka Pareek	2022	DBT	2850000	120038
4	Development of Comprehensive nutrition intervention to prevent hidden hunger among adolescent girls	Dr Priyanka Pareek	2022	ICMR	34482	1853562
5	Development of interventions for improving vaccine uptake in tribal and rural population, Maharahstra: A Qualitative Study Project No2021-3519	PI: Dr Maninder S Setia	2022	ICMR	1700000	1600000
6	Association of water intake & urinary practice on the occurrence of UTI in working women & female college students in Navi Mumbai	Ms Maryah Munawwar Kondkari (Mentor : Dr Santosh Gawali)	2023	ICMR STS	50000	50000
7	Assessing risk factors for obstructive sleep apnea (OSA) in hypertensive patients	Mr Krutik Chetan Jain (Dr Rita Khadkikar)	2023	ICMR STS	50000	50000

Intramural Project:-

Sr. No.	Title of the Project	Principal Investigator	Year of Project	Funding Amount	Grant Received
1	The genetic spectrum of thalassemia and its correlation with phenotype	Dr. Parineeta Samant (Shruti Bhowad)	3 Year	67875	56768
2	Biogenic method for generation of monodisperse and fluorescent cerium oxide nanoparticles with enhanced antioxidant activity (2685/MUM/2015 A)	Raman P Yadav	3 Year	6806	6806
3	Soya flour based nutritious protein bar	Dr. Kavita More	2 Years	25000	13688
4	Utility of a rapid card test in the diagnosis of coeliac disease in symptomatic children presenting to a teratiary care hospital in Maharashtra, India	Dr. Roshni J. Patnigere	2 Years	450620	23520
5	Comparativer study on blood glucose and lipid profile of lactating women consuming galactogogues and not consuming	Ms. Shrvya Karkera	2 years	56100	25000
6	Effects of virtual reality training on clinical indices in patients with knee osteoarthritis: Randomized Controlled trial	Dr. Rinkle Hotwani	1 Year	80000	80000
7	Effectiveness of subtalar mobilization on plantar fascia thickness, pain and disability in subjects with plantar fasciitis: A randomized controlled trial	Dr. Rinkle Hotwani	1 Year	50000	50000
8	Correlation between the Q angle and the foot muscle strength along with foot angles in professional Bharatnatyam Dancers: An observational study	Dr. Ashwin Kshirsagar	1 Year	10000	10000
9	Correlation between the strength of scapular stabilizers with forearm pronator and supinator muscles in elite tennis players- An observational study	Dr. Ashwin Kshirsagar	1 Year	60000	60000
10	Effect of Metaverse- Virtual reality training on dynamic and static surfaces to enhance postural sway control and ankle muscles strength among fencers athletes	Dr. Ashwin Kshirsagar	1 Year	20000	20000
11	Polyherbal composition having dipeptidyl peptidase-4 inhibitory effects	Dr. Ipseeta Ray	3 Year	27640	27640
12	coyright filing	Dr. Himanshu Gupta	1 Year	3500	3500

		T =	T = 1.	T	1
13	Correlation between Dry eye disease and Vitamin D level among post graduate students at a tertiary care hospital	Dr. Vineet Oswal	2 Years	48790	48790
14	Menstrual Health amongst Nursing Students: A Mixed method study	Dr. Tithi Patil	2 Years	41225	41225
15	Retinal optical coherence tomography findings in diabetes mellitus patients and its correlation with visual acuity	Dr. Kanan Varsani	2 Years	226500	226500
16	Estimation of Bone Density in Chronic Kidney Disease (CKD) patients with the method on DEXA scan	Ms. Priyanka Taur	2 Years	90000	90000
17	Effects of screening methods on detection rate of cervical pathology and their correlation	Dr. Priya Tiwari	2 Years	208000	208000
18	Method for the synthesis of bifunctional cerium oxide nanoparticle with enhanced antioxidant and carbonic anhydrase inhibitory activity. Patent No. 1948/MUM/2015 A	Dr. Raman Yadav	3 Years	29854	29854
19	Biogenic method for generation of multiple nanoparticles (Zn, Fe, Mg,Ca,Ce,Si,Ag). Patent No. 3616/MUM/2015 A	Dr. Raman Yadav	3 Years	29854	29854
20	Preparation comprising a pancreatic lipase inhibitory fraction an anti-obesity principle obtained from dietary spice Mesuaferrea. Patent No. 1949/MUM/2015 A	Dr. Raman Yadav	3Years	29854	29854
21	Bioreactor for very fast Generation of Multifunctional fluorescent nanoparticles. Patent No. 201721018037A	Dr. Raman Yadav	3Years	29854	29854
22	Biogenic method for generation of monodisperse and fluorescent cerium oxide nanoparticles with enhanced antioxidant activity. Patent No. 2685/MUM/2015 A	Dr. Raman Yadav	3Years	29854	29854
23	Quantum dot powered IP-10 antibody-based kit for latent TB and TB antigen detection Patent No.201721040727 A	Dr. Raman Yadav	3Years	11080	11080

***** Consultancy: -

Sr.	Name of the	Name of advisory / R&D	Consulting/Sp	Year	Revenue
No.	consultancy	consultancy/clinical trial project	onsoring		generated
			agency with		(INR in
			contact details		RS)
1	Participation	Transforminal Disc Decompression	Payment	2022-	285300
			collected from	2023	
			delagates		
2	Participation	3rd MSK-USG Workshop	Payment	2022-	175000
	_		collected from	2023	
			delagates		
3	Participation	4th MSK-USG Workshop	Payment	2022-	210000
	1	1	collected from	2023	
			delagates		
4	Participation	5th MSK-USG Workshop	Payment	2022-	210000
•	Turticipation	out work obs (volkshop	collected from	2023	210000
			delagates	2020	
5	Participation	6th MSK-USG Workshop	Payment	2022-	125045
5	Tarticipation	out wisk-osg workshop	collected from	2022-	123043
				2023	
	D (1.1. (1	71 100 100 11 1	delagates	2022	102600
6	Participation	7th MSK-USG Workshop	Payment	2022-	182600
			collected from	2023	
			delagates		
7	Participation	8th Cadaveric hands-on workshop	Payment	2022-	110000
		- Fluoro-guided pain interventions	collected from	2023	
			delagates		
8	Participation	9th Cadaveric hands-on workshop	Payment	2022-	195000
		- Fluoro-guided pain interventions	collected from	2023	
			delagates		
9	Participation	10th Cadaveric hands-on	Payment	2022-	180800
	1	workshop - Fluoro-guided pain	collected from	2023	
		interventions	delagates		
10	Participation	11th Cadaveric hands-on	Payment	2022-	150000
	1	workshop - Fluoro-guided pain	collected from	2023	
		interventions	delagates		
11	Participation	12th Cadaveric hands-on	Payment	2022-	150000
	Turticipation	workshop - Fluoro-guided pain	collected from	2023	100000
		interventions	delagates	2023	
12	Participation	13th Cadaveric hands-on	Payment	2022-	165000
12	rarucipation		collected from	2022-	163000
		workshop - Fluoro-guided pain		2023	
10	Deathairetha	interventions	delagates	2022	170045
13	Participation	14th Cadaveric hands-on	Payment	2022-	170045
		workshop - Fluoro-guided pain	collected from	2023	
		interventions	delagates		
14	Participation	Plastination Workshop	Payment	2022-	299203
			collected from	2023	
			delagates		
15	Participation	15th Cadaveric hands-on	Payment	2022-	195000
		workshop - Fluoro-guided pain	collected from	2023	
		interventions	delagates		
16	Participation	16th Cadaveric hands-on	Payment	2022-	222956
	•	workshop - Fluoro-guided pain	collected from	2023	
		interventions	delagates	1	

17	Participation	17th Cadaveric Workshop	Payment	2022-	191958
17	Tarticipation	17 th Cadaveric Workshop	collected from	2022-	191956
			delagates	2023	
18	Participation	Remembrance Meet World	Payment	2022-	92000
10	Tarticipation	Remembrance weet world	collected from	2022-	92000
			delagates	2023	
19	Participation	AOR AOSRA Conference	Payment	2022-	102299
19	Tarticipation	AON AOSNA Contenence	collected from	2022	102299
			delagates	2023	
20	Participation	Temporal Bone Workshop	Payment	2022-	58660
20	Tarticipation	Temporar Bone Workshop	collected from	2023	30000
			delagates	2020	
21	Participation	Vats Cadaver – Hand on	Payment	2022-	315000
	Turnerpution	Workshop by Surgery & Anatomy	collected from	2023	31000
		Department, MMC accredited 02	delagates	2020	
		point	destabates		
22	Participation	CME on the peripheral Nerve –	Payment	2022-	23250
	- sa sacipation	Unravelled workshop on NCS	collected from	2023	
		Technique	delagates		
23	Participation	Othopedics Approaches Cadaveric	Payment	2022-	45000
		Workshop	collected from	2023	10000
			delagates		
24	Participation	Cadaveric Worskhop - Port	Payment	2022-	23500
	r	Insertion Surgery	collected from	2023	
		8 3	delagates		
25	Participation	IX National Conference of	Payment	2022-	417000
	1	MGMPAICON- 2023 By	collected from	2023	
		Paediatrics Department, CPD Code	delagates		
26	Participation	Blue Printing in Assessment and	Payment	2022-	16653
		paper setting	collected from	2023	
			delagates		
27	Participation	World TB Day CME	Payment	2022-	31459
		·	collected from	2023	
			delagates		
28	Participation	Workshop on Botulinum Toxin	Payment	2022-	98000
		type A injection	collected from	2023	
			delagates		
29	Participation	Conference MGM EMCAM	Payment	2022-	109000
			collected from	2023	
			delagates		
30	Health	Health Service	Star Health &	2022-	2870478
	Service		Allied	2023	
			Insurance Co.		
31	Health	Health Service	Health India	2022-	1163862
	Service		Pvt Ltd	2023	
32	Health	Health Service	Inga Helath	2022-	4269800
	Service		Foundation	2023	
33	Health	Health Service	Reliance Life	2022-	848230
	Service		Science Pvt Ltd	2023	
34	Health	Health Service	Jyotish Care	2022-	2433392
L	Service		Centre	2023	
35	Health	Health Service	Care Health	2022-	2436735
	Service		Insurance	2023	
	001.100				

36	Health Service	Health Service	Medi Assist India TPA Pvt Lt.	2022- 2023	4798507
37	Blood storage centre MGM Vashi	MGM Hospital and Medical college, kamothe	Blood storage centre MGM Vashi	2022- 2023	1013230
38	MGM Hospital	Skill Lab	ATLC & BLS	2022- 2023	3877993
39	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Yashika Prajapali	2022-2023	5000
40	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Yash Valatkar	2022- 2023	5000
41	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Shivkumar Vishwakarma	2022- 2023	5000
42	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Aditi Raju	2022- 2023	5000
43	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Akansha Atkar	2022- 2023	5000
44	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Bhakti Gavhane	2022- 2023	5000
45	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Anushka Bodke	2022- 2023	5000
46	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Sweta Shivsharan	2022- 2023	5000
47	Internship	Project work	Irfan Saikia	2022- 2023	10000
48	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Snehal Desai	2022- 2023	5000
49	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Smitali Patil	2022- 2023	5000
50	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Siddant Ratanpal	2022- 2023	5000

	T .	T	T .		1
51	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Catherine Isacc	2022-2023	5000
52	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Janki Chan	2022-2023	5000
53	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Arifa Khan	2022-2023	5000
54	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Dipshika Yadav	2022- 2023	5000
55	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Pratyusha Gayen	2022- 2023	5000
56	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Gautam Chandawani	2022- 2023	5000
57	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Muskan Shaikh	2022- 2023	10000
58	Internship	Project work	Pranav Prabhakar	2022- 2023	12000
59	Internship	Project work	Aditya Salvi	2022- 2023	15000
60	Internship	Internship for 1 month (TB Diagnosis, Genexpert, Viral load, Covid RT PCR and Zebra fish training)	Muskan Shaikh	2022- 2023	10000
61	Internship	Project work	Aditya Salvi	2022- 2023	10000
62	Internship	Project work	Pranav Prabhakar	2022- 2023	13000
63	Consansulat ancy Fee	Out patient department, MGM Centre of Human Movement Sciences, Navi Mumbai	Consultation for special Investigation of Movement Analysis	2022-2023	567801
64	Consansulat ancy Fee	CRE Registration	Payment collected from delagates	2022- 2023	91600
65	Clinical Trial	A phase two study to evaluate the testicular safety of a nw oral drugs in adult male patient with active alcerative collitties.	Vedic Life sciences	2022- 2023	3459

((C1::1 T.::.1	A D 1 1 D 1.1 . D1: 1	C1: 11	2022	20174
66	Clinical Trial	A Randomized, Double-Blind,	Cliantha	2022-	29174
		Double-Dummy, Multiple-Dose,		2023	
		Multicenter, Three-Arm, Parallel			
		Study to Compare the Efficacy and			
		Safety of Pregabalin ER Tablet of			
		Alvogen Malta (Out-Licensing)			
		Ltd. to Placebo and Lyrica®			
		(Pregabalin) Hard Capsule of			
		Pfizer in Subjects with Diabetic			
		Peripheral Neuropathy.			
67	Clinical Trial	A Randomized, Single Blind,	abiogenesis	2022-	901848
		Placebo Controlled, Phase 2		2023	
		Clinical Trial to Evaluate the			
		Efficacy and Safety of Ursodiol			
		Injection 625mg/25ml (25mg/ml)			
		in Adults with moderate COVID			
		19 patients at a dose of 1750			
		mg/day via intravenous infusion"			
68	Clinical Trial	A Randomized, Open-label,	JSS medical	2022-	22500
		Prospective, Comparative, Multi-		2023	
		centre, Parallel group, Active			
		controlled, Phase III Study to			
		Evaluate the Efficacy and Safety of			
		the Ropivacaine Readyfusor			
		2mglml versus Ropivacaine			
		Balloon Pump Infusor 2mglml as a			
		continuous surgical site infusion			
		for the Treatment of Post-Surgicat			
		Pain in lower abdominal			
		laparotomy			
69	Clinical Trial	A Phase 3, Multicenter,	George	2022-	150001
09	Cililical IIIai	Randomized, Double-blind,	George	2023	130001
		Placebo-controlled Trial to		2023	
		Evaluate the Efficacy and Safety of			
		Sibeprenlimab Administered			
		<u> </u>			
		Subcutaneously in Subjects with			
		Immunoglobulin A Nephropathy-			
70	C1: : 1 T : 1	Study Number 417 201 00007	D 1:	2022	07200
70	Clinical Trial	A randomized doubleblind	Doclin	2022-	97308
		placebocontrolled study evaluating		2023	
		the efficacy & safety of otilimab IV			
		in patient with severe pulmonary		1	
	01. 1. 1	COVID 19 related disease.	D	2025	10125
71	Clinical Trial	A multicentre, phase III, double-	Dignosearch	2022-	481258
		blind, randomized,		2023	
		placebocontrolled study to		1	
		evaluate the efficacy of		1	
		recombinant BCG VPM1002 in		1	
		reducing infection incidence and			
		disease severity of sars-cov-		1	
		2/covid-19 among high-risk		1	
		subjects			

70	Climinater 1	A	Climiting Co. 11	2022	410700
72	Clinical Trial	A prospective, randomized,	Cliniinfinity	2022-	413739
		parallel, multicentric, phase III		2023	
		clinical trial to assess the efficacy			
		and safety of Molnupiravir 800			
		mgcapsules and standard of care			
		(soc) compared to standard of care			
		(soc) only in patients with			
		polymerase chain reaction (RT-			
		PCR) confirmed Mild Covid-19			
		infection.			
73	Clinical Trial	KETO-22-002/A Randomized,	Scitus pharma	2022-	85000
		Double Blind, Placebo Controlled,		2023	
		Parallel			
		Design, Multi-Center,			
		Bioequivalence Study with Clinical			
		Endpoint of Ketoconazole			
		Shampoo 2% (Test Product)			
		Compared with Ketoconazole			
		Shampoo 2% (Reference			
		Product) In Human Adult Male			
		and Female (non-pregnant)			
		Subjects with Tinea Versicolor.			
74	Clinical Trial	A Prospective, Multi-centre, Active	synegene	2022-	20
		Post-Marketing Surveillance Study	- 7 - 6 -	2023	
		of Liposomal Amphotericin B			
		(Amphonex® - Manufactured by			
		Bharat serums and Vaccines ltd) in			
		Patients with Invasive Fungal			
		infection who are refractory to or			
		intolerant of conventional			
		Amphotericin B therapy in Real			
		World Clinical Practice (AMBeR).			
75	Clinical Trial	A Phase 3, Observer blind,	Grapecity	2022-	102141
7.0		Randomized, Active-Controlled	Grapeeny	2023	102111
		Trial Evaluating the Immunologic		2023	
		Non-inferiority, Safety and			
		Tolerability of a 15-valent			
		Pneumococcal Conjugate Vaccine			
		Compared to a 13-valent			
		Pneumococcal Conjugate Vaccine			
		in Healthy Infants Given with			
		Routine Pediatric Vaccinations.			
76	Clinical Trial	A Phase 3, Observer blind,	Grapecity	2022-	54990
, 5		Randomized, Active-Controlled	Grapecity	2023	01//0
		Trial Evaluating the Immunologic		2020	
		Non-inferiority, Safety and			
		Tolerability of a 15-valent			
		Pneumococcal Conjugate Vaccine			
		Compared to a 13-valent			
		Pneumococcal Conjugate Vaccine			
		in Healthy Infants Given with			
		Routine Pediatric Vaccinations.			
		Routine rediatric vaccinations.			

77	Clinical Trial	A Randomized, Double-blind, Parallel, Placebo Controlled, Three Arm, Multicentric Study to	Cadila Healthcare (Cliantha)	2022- 2023	176715
		Evaluate the Efficacy and Safety of			
		Ketoconazole 2% Cream of Cadila			
		Healthcare Limited with Ketoconazole 2% Cream of Teva			
		Pharmaceuticals USA in Subjects			
		with Tinea Pedis.			
78	Clinical Trial	CPB-007-2021, CPB-009-2021	Wockhardt R &	2022-	135000
		CPB-010-2021, CPB-005-2021	D	2023	
79	Clinical Trial	A Prospective, Multi-centre, Active	Synegene	2022-	75000
		Post-Marketing Surveillance Study		2023	
		of Liposomal Amphotericin B			
		(Amphonex® - Manufactured by			
		Bharat serums and Vaccines ltd) in			
		Patients with Invasive Fungal			
		infection who are refractory to or			
		intolerant of conventional			
		Amphotericin B therapy in Real			
90	Clinical Trial	World Clinical Practice (AMBeR).	Parexel	2022	75000
80	Clinical Trial	A Multicenter, Randomized,	Parexei	2022-2023	75000
		Parallel-Group, 6-Week Treatment Clinical Study to Assess		2023	
		Bioequivalence of Budesonide 80			
		µg and Formoterol Fumarate			
		Dihydrate 4.5 µg Inhalation			
		Product (Cipla Ltd.) in comparison			
		with the Reference Product,			
		Symbicort®			
		(Budesonide/Formoterol Fumarate			
		Dihydrate, 80/4.5 μg per			
		Actuation) Inhalation Aerosol			
		(AstraZeneca, USA), in Adult			
		Asthma Patients.			
81	Clinical Trial	A Randomized Double-blind,	Novotech	2022-	75000
		Four-Arm Active and Placebo-		2023	
		controlled DoseFinding Trial to			
		Evaluate the Efficacy, Tolerability,			
		Safety and Dose Response of LYT-			
		100 in Patients with Idiopathic			
82	Clinical Trial	Pulmonary Fibrosis (IPF).	Bharat Serume	2022-	30000
02	Cililical Iffal	A Prospective, Multi-centre, Active Post-Marketing Surveillance Study	Vaccine	2022-	30000
		of Liposomal Amphotericin B	(Syngene)	2023	
		(Amphonex® - Manufactured by	(Cyrigeric)		
		Bharat serums and Vaccines ltd) in			
		Patients with Invasive Fungal			
		infection who are refractory to or			
		intolerant of conventional			
		Amphotericin B therapy in Real			
		World Clinical Practice (AMBeR).			

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83	Clinical Trial	An open label, randomized, active controlled, multi-centric Phase II/III, study in Indian toddlers and infants to assess the immunogenicity and safety of	Serum Institute (Diagosearch)	2022-2023	76668
		SIIPL HEXASIIL TM (DTwP-HepB-IPV-Hib) Vaccine in comparison			
		with SIIPL PENTAVAC (DTwP- HepB-Hib) + Poliovac (IPV)			
		vaccines administered as separate injections.			
84	Clinical Trial	Randomized, Multicenter, Singledose, Two-treatment, Singleperiod, Parallel, Bioequivalence Study of Mylan's Paliperidone Prolonged release Suspension for Injection, 175 mg and Janssen-	Siro clinpharm	2022-2023	85000
		Cilag's Trevicta® prolonged release suspension for injection, 175 mg in Subjects			
		withSchizophrenia			
85	Clinical Trial	International multicenter comparative prospective singleblind study of efficacy, safety, pharmacodynamics, pharmacokinetics and immunogenicity of the drug product Tenecteplase, lyophilized for solution for intravenous injection 50 mg (Pharmasyntez-Nord JSC, Russia) and the drug product Metalyse®, lyophilized for solution for intravenous injection 50 mg (Boehringer Ingelheim International GmbH, Germany) in patients with ST-segment elevation myocardial infarction (STEMI).	JSS medical /Pharmacenzt	2022-2023	76500
86	Clinical Trial	A Randomized, Open-Label, Parallel-Group Study to Evaluate the Safety and Efficacy of Abrocitinib 100 Mg And 200 Mg Tablets in Participants Aged 12 Years and Older with Moderate to Severe Atopic Dermatitis in India.	ICON	2022- 2023	30000
87	Clinical Trial	Double-blind, vehicle-controlled, randomised, multi-centre study to evaluate the efficacy and safety of LH-8 cutaneous solution in children and adolescents with moderate to severe scalp Alopecia Areata	Grapecity	2022- 2023	85556

88	Clinical Trial	A Randomized, Double-blind, Parallel, Placebo Controlled, Three Arm, Multicentric Study to Evaluate the Efficacy and Safety of Ketoconazole 2% Cream of Cadila Healthcare Limited with Ketoconazole 2% Cream of Teva Pharmaceuticals USA in Subjects with Tinea Pedis.	Cliantha	2022- 2023	79560
89	Clinical Trial	A 26 Week, Multicenter, Randomized, Placebo-Controlled, Double-Blind, Parallel Group, Phase 3 Trial with a 26 Week Safety Extension Period Evaluating the Safety and Efficacy of Dapagliflozin 5 and 10 mg, and Saxagliptin 2.5 and 5 mg in Pediatric Patients with Type 2 Diabetes Mellitus who are between 10 and below 18 years of age	Grapecity	2022-2023	128143
90	Clinical Trial	A Randomized Double-blind, Four-Arm Active and Placebo- controlled DoseFinding Trial to Evaluate the Efficacy, Tolerability, Safety and Dose Response of LYT- 100 in Patients with Idiopathic Pulmonary Fibrosis (IPF).	Novotech	2022- 2023	30000
91	Clinical Trial	A bioequivalence study of Levothyroxine sodium tablets 100 mcg of Wockhardt Limited, India compared with Eltroxin® 100 mcg (Levothyroxine sodium) tablets of Mercury Pharma Group Ltd., UK in healthy, adult, human subjects under fasting condition.	Wockhardt R & D	2022-2023	33750
92	Clinical Trial	A Randomized Double-blind, Four-Arm Active and Placebo- controlled DoseFinding Trial to Evaluate the Efficacy, Tolerability, Safety and Dose Response of LYT- 100 in Patients with Idiopathic Pulmonary Fibrosis (IPF).	Novotech	2022- 2023	30000
93	Clinical Trial	KETO-22-002/A Randomized, Double Blind, Placebo Controlled, Parallel Design, Multi-Center, Bioequivalence Study with Clinical Endpoint of Ketoconazole Shampoo 2% (Test Product) Compared with Ketoconazole Shampoo 2% (Reference Product) In Human Adult Male and Female (non-pregnant) Subjects with Tinea Versicolor.	Oxygenclin	2022- 2023	123433

94	Clinical Trial	A Randomized, Double-blind, Parallel, Placebo Controlled, Three Arm, Multicentric Study to Evaluate the Efficacy and Safety of Ketoconazole 2% Cream of Cadila Healthcare Limited with Ketoconazole 2% Cream of Teva Pharmaceuticals USA in Subjects	Cliantha	2022- 2023	9450
95	Clinical Trial	with Tinea Pedis. A randomized, open-label, parallel-group study to evaluate the safety and efficacy of Abrocitinib 100 mg and 200 mg tablets in participants aged 12 years and older with moderate to severe atopic dermatitis in India	Abad HC & Researh LLP	2022- 2023	227662
96	Clinical Trial	Safety and Efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients: Phase IV Clinical Trial.	Siro	2022- 2023	31068

❖ Patent Published and Granted: -

Sr	Name of the Patenter	Patent	Title of the	Application	Published	Granted
No		Number	Patent	Date	Date	
1	Thakur Mansee, Joshi DS,	3620/MU	Micro-	23092015	05022016	26122022
	Suri VK Pai Girish,	M/2015	trenchbased			(Grante)
	Srinkhala, Shivam, Bhand		biochip device for			
	Sunil, Pal Souvik Joint Patent		screening of			
	with Department of Atomic		infectious			
	Energy, MGM Institute of		diseases using			
	Health Sciences and Birla		metal nano			
	Institute of Technology and		partcilces/nano			
	Science, Pilani		coating			

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Sr	Invention Title	Name of	Copyright	Date of	Registration
No		Inventors	Application No	Filling	Date
1.	Sensory Garden- A	Ms Sakshi Shah	L-118775/2022	07052022	1511 2022
	Rehabilitation	Dr Namrata			
	Approach	Sant			
2.	A modern pain	Dr Vaibhavi	L-117500/2022	16052022	21092022
	neuroscience	Walimbe			
	education	Dr Rinkle			
	approach for non-	Malani			
	specific neck pain	Dr Sonal Biyani			
	_	Dr Benish			
		Bubere			
		Dr Snehal Thote			

	ı	1	1		
3.	Physiotherapy management for grin2B related syndrome: Protocol	Ms Shruti Dnyaneshwar Dr Pooja kumari Mahaseth	L-117448/2022	13052022	12092022
4.	Evidence based physiotherapy rehabilitation program for ataxia patient	Dr Dipti Mahadev Shinde Dr Sherin Paulose	L-117242/2022	09042022	30082022
5.	Assessment of knowledge, attitude and practices of cardiopulmonary resuscitation (CPR) among operation theatre and Anaesthesia technologists in Maharashtra: a cross sectional study	Ms Sujata Walode	L-117060/2022	22032022	24082022
6.	Objective structured practical evaluation (OSPE) to assess competency of bachelor of Physiotherapy graduates in human Physiology Course	Dr Bela Agarwal Dr Hiranmayee Bagwe Dr ShrutikaParab Dr Rajani Mullerpatan	L-116834/2022	02052022	07072022
7.	Brace strap TheraBand technique	Ms Shruti Ramekar Dr Nidhi Suresh Sharma	L-116555/2022	11042022	30062022
8.	HIV-ART therapy, bineural beats, taichi (H-ABT)	Dr Pooja Motar Ms Kankshi Vetkar	L-116553/2022	11042022	30062022
9.	Unique protocol on breast cancer patients with pain and lymphedema	Dr Triveni Ashok Gosavi Dr Nawaj Pathan Dr Snehal Thakur Dr Gauravi Sanjay Desale	L-116464/2022	05042022	29062022
10.	Evidence based physiotherapy	DrGauravi Desale	L-116462/2022	05042022	29062022

	1 1:1:1 1: 6	D D 11			
	rehabilitation for	DrRekha			
	peripheral	Marbate			
	vascular disease	DrAnkita			
		Deshmukh			
11.	Gravilance	Dr Ketaki	L-116461/2022	05042022	29062022
	exercise protocol	Ravindra Naik			
	for children with	Dr Gauravi			
	downs syndrome	Sanjay Desale			
		Dr Dipti			
		Mahadev Shinde			
		Dr Pallavi			
		Palaskar			
12.	Rota VEB exercise	DrKetaki	L-116459/2022	05042022	29062022
	protocol for	Ravindra Naik			
	children with	Dr Gauravi			
	downs syndrome	Sanjay Desale			
		Dr Dipti Shinde			
		Dr Pallavi			
		Palaskar			
13.	Upper limb and	Ms Sakshi Shah	L-116437/2022	01042022	29062022
	hand rehabilitation	Dr Nawaj			
	protocol for	Pathan			
	hemiplegia				
	seconday to				
	malignant MCA				
	infarction				
14.	Rehabilitation	Ms Sakshi Shah	L-116436/2022	01042022	29062022
	protocol to	Dr Nawaj			
	improve	Pathan			
	pulmonary				
	function in post				
	stroke patients				
15.	Knowledge of	Ms Shreya	L-115878/2022	16032022	23052022
	dialyzer reuse	Patange			
	practice among				
	medical and				
	paramedical				
	professionals				
	working in				
	hemodialysis unit				
16.	Lengthening	Dr Pallavi	L-115636/2022	04092021	20052022
	exercises for	Palaskar			
	tendoachilies in	Ms Mansi			
	cerebral palsy	Subhedar			
		Dr Namrata Sant			
		Ms Sneha			
		Chhajed			
17.	Guidelines for	Dr Pallavi	L-115635/2022	03092021	20052022
	advanced	Palaskar			
	rehabilitation after				

	z plasty in hemiplegic cerebral palsy	Ms Mansi Subhedar Ms Sneha Chhajed			
		Dr Rinkle Malani			
18.	Extended nursing care Model	Dr Jyoti Chaudhari Dr Anuradha Mhaske Dr Prabha Dasila	L-113163/2022	17072021	17032022
19.	MGM Incremental Wheelchair Propulsion Test (MGM-IWPT)	Dr Bela Agarwal Dr ShrutikaParab Dr Rajani Mullerpatan	L-112247/2022	30112021	25022022
20.	Information booklet on care after acute coronary syndrome	Dr Gargee Karadkar Dr Prabha Dasila	L-110154/2022	06092021	04012022
21.	Information booklet on care after acute coronary syndrome in Marathi language	Dr Gargee Karadkar Dr Prabha Dasila	L-110153/2022	06092021	04012022

❖ Incentive to faculty for Paper Published in Scopus, Web of Sciences, PubMed, UGC Care list Index Journal

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66	Sabih Khan	15000
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71	Gaurav Sharma	5000
	Caura, Oriurina	1000

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	Phiske	
76	Jaybhaye Prasad Laxman	10000
77	Pooja Motar	10000
78	Pooja Kumari Mahaseth	5000
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80	Shrutika Dilip Parab	5000
81	Talib Shafaat Husain	20000
82	Bani Bandana Ganguly	10000
83	Raman P Yadav	10000
84	Rajani Mullerpatan	10000
85	Nileshkumar	10000
	Vishwakarma	
86	Parineeta Samant	5000
87	Hiranmayee Bagwe	5000
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89	Danish Siddiqui	5000
90	Jayalakshmi S	5000
91	Hitali Mali	10000
92	Chandana Kulkarni	10000
93	Vasu Jindal	10000
94	Satish L Ghugey	10000
95	Shruti Bhowad	5000
96	Niharika Swain	20000
97	Raman P Yadav	5000
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103	Pranav Raja Yadav	5000
104	Piyush Singhania	5000
105	Priyanka Rathod	5000

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4	Dr GargeeKaradkar Dr Prabha Dasila	2500
5	Dr GargeeKaradkar	2500
6	Dr Prabha Dasila	2500
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8	Dr Shubhangi Jadhav Dr Prabha Dasila	
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10	Dr GargeeKaradkar	2500
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12	Dr Bela Agarwal	2500
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27	Dr Vaibhavi Walimbe	1250
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40	Dr Pooja Kumari Mahaseth	5000
41	Dr Rajani Mullerpatan	1668
	Dr Triveni Shetty	1666
36 37 38 39 40	Dr Pooja K Mahaseth Dr RinkleMalani Dr Tushmeet Kaur Bhatia Dr Pooja Motar Dr Pooja Kumari Mahaseth Dr Rajani Mullerpatan	1250 1250 1250 1250 1250 5000 1668

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43	Dr Bela Agarwal	1666
44	Dr Rajani Mullerpatan	1668
45	Dr Triveni Shetty	1666
46	Dr Bela Agarwal	1666
47	Dr Rajani Mullerpatan	5000
48	Dr Satyam Bhodaji	1668
49	Dr Asawari Patil	1666
50	Dr Priyanka Pareek	2500
51	Ms Kajal Jadhav	1668
52	Dr Mansee Thakur	1666
53	Dr Priyanka Pareek	2500
54	Dr Priyanka Pareek	2500
55	Dr Priyanka Pareek	2500
56	Dr Aditya Nayak	1666
57	Dr Priyanka Pareek	1666
58	Dr Tushmeet Kaur Bhatia	5000
59	Dr Mansee Thakur	1668
60	Mr Yogesh Patil	1666
61	Mr Tarun Parihar	1666
62	Dr Harapriya Kar	1666
63	Dr Mansee Thakur	1666
64	Dr Mansee Thakur	1668
65	Mr Yogesh Patil	1666
66	Dr Himanshu Gupta	1668
67	Dr Harapriya Kar	1666
68	Dr Mansee Thakur	1666
69	Ms Rutuja Bhide	1668
70	Dr Mansee Thakur	1666
71	Ms Shweta Shinde	1668
72	Dr Harpriya Kar	1666
73	Dr Himanshu Gupta	1666
74	Dr Mansee Thakur	1668
75	Dr Harapriya Kar	1666
76	Ms Pooja Singh	1666
77	Ms Vidula Patil	1668
78	Mr Rhoit Gupta	1666
79	Dr Himanshu Gupta	1250
80	Dr Mansee Thakur	1250
81	Dr Harapriya Kar	1250
82	Mr Smit Joshi	1250
83	Dr Himanshu Gupta	2500
84	Mr Sarvesh Jadhav	2500
85	Dr Himanshu Gupta	2500

86	Ms Sanskruti Thakur	2500	129	Ms Shaista Khan	1666
87	Dr Mansee Thakur	1668	130	Dr Himanshu Gupata	1668
88	Dr Harapriya Kar	1666	131	Ms Divya Prajapati	1666
89	Ms Ayesha Shaikh	1666	132	Dr Himanshu Gupata	1668
90	Dr Rajani Mullerpatan	2500	133	Dr Mini Mol	1666
90	Dr Triveni Shetty	2500	134	Ms Iram Khalfe	1666
92	Dr Rajani Mullerpatan	1668		Dr Mansee Thakur	1668
93	Dr Triveni Shetty	1666	135	Ms Gargi Chaphekar	1666
93	Dr Bela Agarwal	1666	136 137	Dr Rajani Mullerpatan	2500
95	Dr Yash Kulkarni	1250	137	Dr Triveni Shetty	2500
	Dr Pallavi Palaskar	2500		Dr Bela Agarwal	2500
96 97	Dr Rinkle Malani	2500	139	Dr Rajani Mullerpatan	2500
	Dr Pallavi Palaskar	2500	140	Dr Mansee Thakur	2500
98	Dr Rinkle Malani	2500		Dr Navami Dayal	2500
99	Dr Rajani Mullerpatan	2500	142 143	Dr Rajani Mullerpatan	2500
100	Dr Mamta Shetty	2500		Dr Bela Agarwal	2500
101	Dr RinkleMalani	2500	144	Dr Rajani Mullerpatan	2500
102	Dr TajuddinChitrapure	2500	145	Dr Triveni Shetty	2500
103	Dr Rajani Mullerpatan	2500	146	Dr Rajani Mullerpatan	2500
104	Dr Mamta Shetty	2500	147	Dr Bela Agarwal	2500
105	Dr Bela Agarwal	1668	148	Dr Mansee Thakur	2500
106	Ms Bhoomika Sawant	1666	149	Dr Smital Kulkarni	2500
107	Dr Rajani Mullerpatan	1666	150	Dr Mansee Thakur	2500
108	Dr Rajani Mullerpatan	2500	151	Ms Gargi Chapekar	2500
109	Dr Pallavi Palaskar	2500	152	Dr Mansee Thakur	1250
110		2500	153		1250
111	Dr Rinkle Malani Dr Mansee Thakur		154	Dr Smital Kulkarni	
112	Dr Mansee Hakur Dr Smital Kulkarni	1668 1666	155	Ms Gargi Chapekar Dr Mansee Thakur	1250 1668
113			156		
114	Dr Mansee Thakur	1668	157	Ms Surya Panikar	1666
115	Dr Himanshu Gupta	2500	158	Dr Sunil Sharma	1666
116	Ms Elizabeth Reji	2500	159	Mr Yogesh Patil	1250
117	Dr Mansee Thakur	1250	160	Dr Mansee Thakur	1250
118	Dr Sharvari Samant	1250	161	Dr K R Salgotra	1250
119	Mr Yogesh Patil	1250	162	Dr Mansee Thakur	1668
120	Mr Raj Vashi	1250	163	Ms Smital Kulkarni	1666
121	Dr Himanshu Gupta	1000	164	Ms Poonam Patil	1666
122	Ms Neeraja J P	1000	165	Dr Mini Mol	1668
123	Dr Mansee Thakur	1668	166	Dr Mansee Thakur	2500
124	Mr Yogesh Patil	1666	167	Dr Navami Dayal	2500
125	Dr Himanshu Gupta	1668	168	Dr Mansee Thakur	2500
126	Dr Mini Mol P	1666	169	Dr Himanshu Gupata	2500
127	Dr Himanshu Gupta	1668	170	Dr Bela Agarwal	2500
128	Dr Mini Mol P	1666	171	Dr Rajani Mullerpatan	2500

❖ Incentive to faculty for Patent Published

Sr	Name of Faculty	Total
No	-	Amount
1	Yadav Raman Prasad	6250
2	Kadam Sudhirchandra	6250
	Nanasaheb	
3	Kadam Nitin Nanasaheb	6250
4	Bhagit Amita Anant	6250
5	Thakur Mansee	12500
6	Patil Yogesh	12500
7	Yadav Raman Prasad	2500
8	Kadam Sudhirchandra	2500
	Nanasaheb	
9	Kadam Nitin Nanasaheb	2500
10	Bhagit Amita Anant	2500
11	Thakur Mansee	5000
12	Patil Yogesh	5000
13	Ipseeta Ray	10000
14	Thakur Mansee	2500
15	Patil Yogesh	2500
16	Kadam Sudhirchandra	2500
	Nanasaheb	
17	Gupta Himanshu	2500
18	Patil Yogesh	3333
19	Kadam Sudhirchandra	3333
	Nanasaheb	
20	Thakur Mansee	3334
21	Yadav Raman Prasad	3334

Sr	Name of Faculty	Total
No	·	Amount
22	Kadam Sudhirchandra	3333
	Nanasaheb	
23	Bhagit Amita Anant	3333
24	Thakur Mansee	5000
25	Pai Girish	5000
26	Yadav Raman Prasad	2500
27	Kadam Sudhirchandra	2500
	Nanasaheb	
28	Bhagit Amita Anant	2500
29	Mhatre Sveeta Vishnu	2500
30	Yadav Raman Prasad	2500
31	Kadam Sudhirchandra	2500
	Nanasaheb	
32	Bhagit Amita Anant	2500
33	Mhatre Sveeta Vishnu	2500
34	Yadav Raman Prasad	2500
35	Kadam Sudhirchandra	2500
	Nanasaheb	
36	Bhagit Amita Anant	2500
37	Mhatre Sveeta Vishnu	2500
38	Yadav Raman Prasad	2500
39	Kadam Sudhirchandra	2500
	Nanasaheb	
40	Bhagit Amita Anant	2500
41	Mhatre Sveeta Vishnu	2500

* MGM Research Fellowship / Scholarship: -

Sr No	Name of the teacher awarded fellowship, advanced studies, collaboration research	Name of the award / fellowship / conference	Year of award of fellowship/ advanced study/ Conference	Participation as Delegate / Chairperson /Resources speaker / Guest Lecture	Financial support received
1	Padmini Kiran Shinde	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
2	Warang Aishwarya Dilip Anuradha	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
3	Swapnil Gosavi	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
4	Deepshikha Raut	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
5	Murkudkar Payal Mahesh	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
6	Shete Ruturaj Suhas	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
7	Rohit Indrakumar Gupta	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
8	Rahate Subodh Ganpat Aparna	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
9	Hiloni Rakesh Badani	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
10	Victoria David Kuttan	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
11	Akhila Natesan	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
12	Padia Neha Anil	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
13	Bagwe Hiranmayee Sunil	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
14	Amrita Ghosh	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
15	Parab Shrutika Dilip	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
16	Maria Preethi Miranda	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
17	Smita Bhagwanrao Shinde	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	65,000
18	Jyotsna Kailash Mishra	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	65,000
19	Khan Sana Gaffoor	Support for Advance Studies (PhD)	2022	Faculty - PhD Student	40,000
20	Dr Pradnya Dongargaonkar	Reproductive Medicine	2022	PG Student	25000
21	Aafrin Mohd Jafar Ansari	PhD Fellowship	2022	PhD Student	10,000
22	Sanskruti Sanjivan Thakur	PhD Fellowship	2022	PhD Student	10,000

23	Singh Pooja	PhD Fellowship	2022	PhD Student	10,000
20	,	The renowship	2022	The student	10,000
	Shyamshankar				
24	Choudhary Sangeeta	PhD Fellowship	2022	PhD Student	10,000
	Lalaram				
25	Khan Mariya Perwez	PhD Fellowship	2022	PhD Student	10,000
	Nasreen				
26	Debapriya Chakraborty	PhD Fellowship	2022	PhD Student	10,000
27	Sohini Sujit Mitra	PhD Fellowship	2022	PhD Student	10,000

❖ Finanacial Support Provided for National /International of Conference, workshop

Sr No	Name of the teacher awarded advanced studies, collaboration research	Name of the award/ fellowship/conference	Year of award of fellowship / advanced study / Conference	Participation as Delegate / Chairperson /Resources speaker / Guest Lecture	Financial support received
1	Dr Faraaz Hussain	International Conference Asia Pacific Academy of Ophthalmology Congress, Kuala, Lampur, Malaysia	2023	Participation	39427
2	Dr Bani Ganguly	13th Global Alzheimers Summi (UK)	2023	Participation	6379
3	Dr Bani Ganguly	Euro Mediterranean conference for environment integration	2023	Participation	26775
4	Subhasish paikray	Shodh Shikhar	2023	Participation	9769
5	Dr Nitin Kadam and Dr Shanshank Dalvi	Conference for Public Health Foundation of India Delhi	2023	Participation	9454
6	Dr Gauri M Vaishnav	International Bioethics Medical and Research Conference (Mangalore)	2023	Participation	24340
7	Dr Mrunal Pimparkar	International Bioethics Medical and Research Conference (Mangalore)	2023	Participation	19468
8	Dr Gauri Bapat	International Bioethics Medical and Research Conference (Mangalore)	2023	Participation	4493
9	Dr Rajesh Dase	Workshop on National Credit Framework (NCRF) at IIT Mumbai	2023	Participation	3302
10	Dr Uttara Deshmukh	National Conference of orthotics Prosthestics Association of India at Panjim, Goa	2022	Participation	15479

		T	Т	T	
11	Dr Sunila Sanjeev	Orientation programme on Health policy, planning & financing in context of national health programme including NHM at NIHFW, Delhi	2022	Participation	25,048
12	Dr Sunila sanjeev	Registration Fees for Oral presentation at66th Annual Indian Public Health Association National IPHA conference at Pune	2023	Participation	5,800
13	Dr Anjali Sabnis	Regis ration fees for attending 19th ICMR course in Medical Genetics Counselling PEDIGREE TO GENOME at Lucknow	2022	Participation	32,530
14	Dr Anjali Sabnis	Gobal Congress of Anatomists & 69 th national Congress of Anatomists from 08.11.2022 to 11.12.2022	2022	Participation	8,835
15	Dr Madhavi Mankar	International Conference on Integrative Approach to Health & Wellbeing from 16.12.2022 to 18.12.2022	2022	Participation	3,996
16	Dr Sameer Kadam	Workshop the Indian Association of Interventional Cardic Surgeons 04.04.2023 to 08. 04.2023	2023	Participation	4,520
17	Dr Sameer Kadam	Exp of Cath Skill for Cardiothoracic Surgeons workshop at Vijaywada	2023	Participation	61,159
19	Dr Sameer Kadam	Training Programme Thieles Cadaveric embalming tanning at University of Dundee	2022	Participation	1,83,231
20	Dr Vishwas Sathe	Training Programme Thieles Cadaveric embalming tanning at University of Dundee	2022	Participation	54,297
21	Dr Subhasish Paikray	West Research Convention held at DY Patil Pune	2022	Participation	850
21	Dr Simranjeet kaur Manni	Faculty in service program on Disability and Inclusion	2023	Participation	2140
22	Dr Gauri Panse	Faculty in service program on Disability and Inclusion	2023	Participation	1000

❖ PhD Awarded

Sr No	Candidate Name	Thesis title	Name of Guide	Name of the Department	Year of Award
1	Swain Niharika	Immuno expression of stem cell markers in histopathological graded low risk and high risk oral leukoplakia	Thakur Mansee	Genetics	2023
2	Dekate Kamlesh	A Study of Expression of Stem Cell Regulator in Oral Leukoplakia A Potentially Malignant Disorder of Oral Cavity	Thakur Mansee	Genetics	2023
3	Buyite Shashikala	The Effectiveness of Selected Breathing Exercise on Labor Pain Perception Among Primigravida Mothers During First Stage of Labour in Selected Hospitals at Aurangabad	Mhaske Anuradha	Nursing	2023
4	Patil Yogesh N	Design Develop and Functional Evaluation of Mycobacterium Tuberculosis DNA Detection System	Thakur Mansee	Biotechnology	2023
5	Shetty, Triveni	Long term monitoring of functional outcome of multilevel orthopaedic surgeries in children with cerebral palsy g term monitoring of functional outcome of multilevel orthopaedic surgeries in children with cerebral palsy	Mullerpatan, Rajani	Physiotherapy	2023
6	Guddetwar, Sanjay G	Assessment of various markers of endothelial dysfunction in coronary artery disease	Badade, ZG	Biochemistry	2023
7	Ghughey Satish L	An Epidemiological Assessment of Brucellosis and Associated Risk Factors in South Nagpur Maharashtra	Setia, Maninder	Community Medicine	2023
8	Sagnali Geeta	Enhancing the Awareness and Utilization of Poshan Abhiyaan With Additional Intervention Package among Pregnant Mothers, Raigad District, Maharashtra	R, Ponchitra	Nursing	2023
9	Sawant Suchita S	Pulmonary rehabilitation of COPD patients impacts of information booklet and demonstration of breathing techniques on knowledge and practices of patients	Ghanekar, Jaishree	Nursing	2023
10	Girhe Virendrakumar S	A Study to assess the effectiveness of video assisted teaching programme regard9ing improvement of skills on Cardio Pulmonary Resuscitation CPR among nurses working in hospitals of Aurangabad city	Mhaske, Anuradha N	Nursing	2023
11	Shewale Rajendra	Comparison of High-Viscosity Cement Vertebroplasty And Balloon Kyphoplasty for the treatment of Osteoporotic Vertebral Compression Fractures	Shewale Rajendra N	Orthopeadics	2023

12	Mankar Madhvi J	Mainstreaming of Microteaching as a teaching Learning Tool for postgraduate Students and Teachers in	Pimparkar Mrunal	Health Profession Education	2023
		Health Care			
13	ShahVijay	Effect of CPAP and Weight Loss on	Badade Z G	Biochemistry	2023
	Kumar	Biochemical Marker in Obese Diabetic with Obstructive Sleep Apnea Patients			
14	Rathod	Isolation and Characterization of	Yadav	Biotechnology	2023
	Priyanka	Multifunctional Molecule from Plant and its Antidiabesity Potential	Raman P		
15	More, Neha	To Study Phenotypic characteristics of	Samant	Biochemistry	2023
	Vishnu	different types of diabetes in the young	Parineeta		
		and genetic characterization of			
1.0	T 1 1 TP :	monogrenic diabetes MODY	C 1 1	D (1	2022
16	Iqbal Tariq Mohammed	Clinical Study of adult ACNE with	Gulanikar Anirudha	Dermatology	2023
	Monammed	respect to Hormonal Changes & level of perceived Stress Anxiety &	Amruana		
		Depression			
17	Chauhan	The study of the antimaterial activity	Samant	Microbiology	2023
	Akanksha	Bacteriocin produced by probiotic	Sharvari		
		bacteria on drug resistant intestinal			
		pathogen an invitro study			
18	Sharma, Pooja	Anti adhesive activity of Biosurfactant	Samant	Microbiology	2023
		against Biofilm producing organisms	Sharvari		
		found in medical devices			

❖ Awards in Participated National and International Conference: -

- 1. Dr Priyanka Pareek, Associate Professor, Department of Nutrition, MGM School of Biomedical Sciences, Navi Mumbai Best oral presentation award in A Study on Depression and Nutritional Status of Elderly Population 54th NSI annual conference at NIN, ICMR, 23rd December 2022, Hyderabad.
- 2. Dr Mansee Thakur, Director, Department of Biotechnology, MGM School of Biomedical Sciences, Navi Mumbai, Award of Excellence for Presentation, Heartfullness Institute in collaboration with Ministry of AYUSH, Ramiyah University, Patanjali, CCRYN, NIPER and IDMA, 6th -18th December 2022
- 3. Ms Sanjana P PhD Scholar, Department of Biotechnology, MGM School of Biomedical Sciences, Navi Mumbai, Award of Excellence for Presentation, Heartfullness Institute in collaboration with Ministry of AYUSH, Ramiyah University, Patanjali, CCRYN, NIPER and IDMA, 6th -18th December 2022
- 4. Ms Madhu Singh & Mr Adhiraj Mule, PhD Scholar, Department of Biotechnology, MGM School of Biomedical Sciences, Navi Mumbai, Ajeenkya DY Patil University Pune, & Association of Indian University New Delhi.

❖ Collaborative Activities for Research (MOU):-

- 1. MGM Medical College and Hospital, Aurangabad and George Clinical India PrivateLtd, signed MOU for clinical trail on 7th September 2022
- 2. MGM Medical College and Hospital, Aurangabad and Medexpress Clinical research Solution Private Limited, signed MOU for clinical trial on 1st June 2023
- 3. MGM Medical College and Hospital, Aurangabad and Parexel International Clinical Research Private Limited, signed MOU for clinical trial on 25th February 2023
- 4. MGM Medical College and Hospital, Aurangabad and Novotech Clinical Research India Private Limited, signed MOU for clinical trial on 7th February 2023
- 5. MGM Medical College and Hospital, Aurangabad and Hetero Healthcare Limited, signed MOU for clinical trial on 28th February 2023

❖ MGMIHS Year 2022 High Imapet Factor (IF > 5 Publication List)

S1 No	Title of The Paper	Name of The Author	Wos Indexing	Title of The Journal	Year of Publi cation	Impact Factor
1	Impaired promis physical function in idiopathic inflammatory myopathy patients: results from the multicenter covad patient reported e-survey	V Agarwal, J Day, A Yoshida, M Kim, J B Lilleker	YES	Annals of The Rheumatic Diseases	2022	27.4
2	Covid-19 severity and vaccine breakthrough infections in idiopathic inflammatory myopathies, other systemic autoimmune and inflammatory diseases, and healthy individuals: results from the covid-19 vaccination in autoimmune diseases (covad) study	P Sen, L Gupta, V Agarwal	YES	Annals of The Rheumatic Diseases	2022	27.4
3	Evaluating the effectivity of deploying a deep learning-based algorithm to aid clinicians and radiologists in diagnosing pulmonary nodules on chest radiographs	P Ajmera, V Kulkarni, S Rathi	YES	European Respiratory Journal	2022	24.3

4	Advances in the colon- targeted chitosan based multiunit drug delivery systems for the treatment of inflammatory bowel disease	Nilesh Kulkarni, Priti Jain, Amol Shindikar, Suryawanshi Pravin Rajendra, Nanasaheb Thorat	YES	Carbohydr ate Polymers	2022	11.2
5	Pilot implementation of rural rehabilitation services, India	Rajani Mullerpatan, Prasad Waingankar, Shrutika Dilip Parab, Bela M Agarwal, Omeshree Nagrale, Shashank D Dalvi	YES	Bulletin of The World Health Organizati on	2022	11.1
6	A closed loop clinical audit on the implementation of who surgical safety checklist at a tertiary hospital in india	A V Sinha, S Kadam	YES	British Journal of Surgery	2022	9.6
7	A closed-loop clinical audit on surgical documentation at a tertiary level hospital in india: where do we stand?	A V Sinha, S Kadam	YES	British Journal of Surgery	2022	9.6
8	Training of psychiatry teachers on teaching skills: needs, innovations and initiatives	Dheerendra Kumar Mishra, Gopal Das, Sujita Kumar Kar, Shubhangi Dere	YES	Asian Journal of Psychiatry	2022	9.5
9	Targeting oxidative stress mechanisms to treat alzheimer's and parkinson's disease: a critical review	Abdullahi Tunde Aborode, Parth Shah, Wireko Andrew Awuah, Mariam Alwerdani, Inês F Silva Correia, Ayush Chandra		Oxidative Medicine and Cellular Longevity	2022	7.31

10	Mechanical Interventions in the management of knee osteoarthritis: an oa trial bank individual participant data meta- analysis initiative status update	P Thoumie, M A Hunt, K L Bennell, E Macri, M J Callaghan, M De Noronha, Rinkle Hotwani (malani)	YES	Osteoarthri tis and Cartilage	2022	7
11	Spectrum of stable and unstable rearrangements in lymphocytic chromosomes investigated in bhopal population 30 years post mic disaster amid co-exposure to lifestyle, living, and occupational hazards	Bani Bandana Ganguly, Shouvik Ganguly, Nitin N Kadam	YES	Environme ntal Science and Pollution Research	2022	5.8
12	Facile synthesis and characterization of γ-al2o3 loaded on reduced graphene oxide for electrochemical reduction of co2	Balaji B Mulik, Balasaheb D Bankar, Ajay V Munde, Ankush V Biradar, Tewodros Asefa, Bhaskar R Sathe	YES	Sustainable Energy and Fuels	_	5.6
13	In Silico exploration of binding potentials of anti sars-cov-1 phytochemicals against main protease of sars-cov-2	Abdullah G Al-sehemi, Mehboobali Pannipara, Rishikesh S Parulekar, Jaydeo T Kilbile, Prafulla B Choudhari, Mubarak H Shaikh	YES	Journal of Saudi Chemical Society	2022	5.6
14	Covid-19 vaccination- related adverse events among autoimmune disease patients: results from the covad study	Parikshit Sen, Latika Gupta, Vishwesh Agarwal, Arvind Nune, Sinan Kardes, Minchul Kim, Jessica Day	YES	Rheumatol ogy	2022	5.5

15	Impaired physical function in patients with idiopathic inflammatory myopathies: results from the multicentre covad patient-reported e-survey	Akira Yoshida, Minchul Kim, Masataka Kuwana, R Naveen, James B Lilleker, Vishwesh Agarwal, Sinan Kardes, Ioannis Parodis, Latika Gupta, Parikshit Sen, Jessica Day,	YES	Rheumatol	2022	5.5
16	Covid-19 vaccination in autoimmune diseases (covad) study: vaccine safety and tolerance in rheumatoid arthritis	Ashima Makol Naveen R, Vishwesh Agarwal, James B Lilleker, Babur Salim, Nelly Ziade, Jessica Day, Ashima Makol	YES	Rheumatol ogy	2022	5.5
17	Safety and tolerance of vaccines against sars-cov-2 infection in systemic lupus erythematosus: results from the covad study	James B Lilleker, Babur Salim, Jessica Day, Naveen R, Vishwesh Agarwal, Masataka Kuwana, Rohit Aggarwal	YES	Rheumatol ogy	2022	5.5
18	District level geospatial analysis of utilization of icds services among children in india	Pradeep Kumar, Sampurna Kundu, Rahul Bawankule	YES	Frontiers in Public Health	2022	5.2

❖ Publication in Peer Reviewed Indexed Scientific Journals:-

- 1. Kulkarni Sadhana Sudhir, Savani S Futane Cardiopulmonary Resuscitation in Obstetric Patient: Special Considerations Journal of Obstetrics and Gynaecology of India 2022;72(3):192-200
- 2. Deepak Bhosle, Snehal Chavan, Kardile Shraddha Dattatraya Efficacy and Safety of Empagliflozin as Add on in Patients with Type II Diabetes Mellitus (DM) Inadequately Controlled on Triple Drug Combination Journal of Association of Physicians of India 2022;69(12):11-12
- 3. Hozefa Runderawala, Priyanka Anvekar Unusal Presentation of Dengue Fever as Pyomyositis Journal of Bahria University Medical and Dental College 2022; 12(1): 57-59
- 4. Lakshmi Rachakonda, Harshita Guruprasad, Kadam Savita Narayanrao. Study of Influence of Antenatal, Intranatal and Neonatal Factors on NICU Admissions in a Tertiary Hospital in Marathwada Region, Maharashtra International Journal of Innovative Science and Research Technology2022; 7(1):86-91
- 5. Shreeja Nair, Karan Singla, Bhumin Patel, Jaishree Ghanekar, Pradeep Potdar BCG vaccination status and early outcome of covid 19: An observational study Indian Journal of Applied Research 2022; 12(1):1-4
- 6. AQ Khan, Shanu B Shah, Sanjeev K Kumar Efficacy of extracorporeal shock wave lithotripsy of pancreatic stone in chronic pancreatitis International Surgery Journal 2022: 9(3):590-594
- 7. Yogya Reddy, Reshma Ramakrishnan, Anamika Pandey, Ayushi Ojha, Purva Deore, Priyanka Gandhi, Malarial Retinopathy: Falci Not So Fan-See! Delhi Journal of Ophthalmolog2022;32(2):42-45
- 8. Tooba Khursheed, L V Simhachalam Kutikuppala, Akatya Vidushi Sinha Clinical communication skills in India: Current trends and future perspectives Journal of Indira Gandhi Institute of Medical Sciences 2022; 8(1):6-9
- 9. Aradhana Devi, Mekha Elizabeth, Olvyna D Souza Crystalloid preload versus crystalloid co-load for hypotension in parturients undergoing caesarean section under spinal anaesthesia Journal of Medical Pharmaceutical and Allied Sciences2022;11(1):4370-4374
- 10. Vrushali Shelar, Ammu Susheela, Arpankumar Patel, Yash Deshpande, Mandeep KaurLifestyle factors and their association with nonalcoholic fatty liver disease: national estimate Cureus 2022; 14:3-1
- 11. Alok Tummuri, Siddiqui Mohd Saeed Mohd Siraj, Nelanuthala Madhurasree Raviprasad, Joshi Pradnya Maroti, Mahale Jagruti Subhash, Dhule Sachin Subhash Estimation of Kidney Size from Foot Length in Newborns: A Cross-Sectional Study Cureus 2022; 14(3): 1-10
- 12. Waqar M Naqvi, Maliha F Quraishi, Sakshi P Arora, Chanan Goyal. A Novel Method for Muscle Elongation in Myalgia with Naqvi's-Dynamic Electrical Therapy Approach the First-Ever Case Report Cureus 2022; 14 (3): e23075
- 13. Rajani Mullerpatan National Education Policy 2020: Call for reconfiguration of physiotherapy education and research in India Journal of Society of Indian Physiotherapists 2022: 6 (1): 1-2
- 14. Lalit Batra, Sunil Sharma, Khirod K Mishra, Neelanjana Paul, Marwale Arun Psychiatric evaluation of victims and offenders of sexual assault in view of current laws Indian Journal of Psychiatry 2022; 64(7): S130-S133
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- 1. SH Talib. Evidence based symptom analysis bag of tricks for learning students of Medicine SR Health Sciences Pvt Ltd New Delhi; ISBN 978-9393221-10, e-ISBN-978-981-16-3120-7
- 2. SH Talib Illustrative review in clinical pulmonology, a multiple-choice question book for undergraduate & post Graduate students SR Health Sciences Pvt Ltd New Delhi; ISBN 978-9393221-05-6, First edition:2022
- 3. Vinay Kumar, Varsha Shriram, Atish Paul, Mansee Thakur (Editor) Antimicrobial resistance underlying mechanisms and therapeutic approaches Springer Singapore 978-981-16-3119-1, First edition:2022
- 4. Bani Ganguly, Nitin Kadam, Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 First Edition;2022, Page 1-471 eBook ISBN: 9780323904575
- 5. Rajani Mullerpatan, Girish NeheteBela Agarwal, Triveni Shetty Suryanamaskar: Facts and Finds Codex International Publishers ISBN: 9789394799042

Chapters: -

- 1. Akhilesh Shukla, Prashansa Jaiswal, Rishi Goel, Shylaja Someshwar Papulosquamous Disorders and Eczemas Multiple choice question in Dermatology, Venereology & Leprosy Knowledge Bridge Pvt Ltd, ISSBN 9789390748402, Edition-1st 2022, Page No 171-194
- Sarita Sasidharanpillai, Meghana M Phiske, Geeti Khullar Metabolic and Nutritional Disorders Multiple choice question in Dermatology, Venereology & Leprosy, Multiple choice question in Dermatology, Venereology & Leprosy, Knowledge Bridge Pvt Ltd; ISBN 9789390748402 Edition-1st, Page No 301-347
- 3. Himanshu Gupta, Nitin Kadam, Shankargouda Patil & Mansee Thakur Homeopathy as a Nano medicine: A scientific Approach Engineered Nanomaterials for Innovative Therapies and Biomedicine; Springer Cham; ISBN NO 978-3-030-82917-
- 4. Mansee Thakur, Smital Poojary, Kapil Singh Thakur, Vinay Kumar Antimicrobial potentials of Zinc and Iron Oxide nanoparticles nano- strategies for addressing antimicrobial resistance Antimicrobial Potentials of Zinc and Iron Oxide Nanoparticles Springer Cham ISBN No 9783031102196 Page No 353-368

- 5. <u>Mini Mol P Gautam Shroff Sumi Elizebeth Reny</u> Morphometrical Analysis of Suprarenal Gland in Fetuses of Different Gestational Ages *Issues and Developments in Medicine and Medical Research; B P International, Vol 9, ISBN No ISBN 978-93-5547-505-3* Page 142-148
- Bani Bandana Ganguly, Nitin N Kadam Down syndrome: History and Overview; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition1st, Page1-12
- 7. Bani Bandana Ganguly, Nitin N Kadam Down syndrome: Implications of trisomy 21 on congenital features and health aspects; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page13-40
- 8. Bani Bandana Ganguly Chromosomal etiology of Down syndrome: genesis of trisomy 21; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 41-57
- 9. Bani Bandana Ganguly Possible factors contributing to chromosomal nondisjunction and formation of trisomic HSA21; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page59-69
- 10. Bani Bandana Ganguly Prevention of down syndrome: genetic counseling, prenatal screening, testing, awareness, attitude, and socio-cultural and public health aspects; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page71-92
- 11. Bani Bandana Ganguly Gene-dosage imbalance due to trisomic HSA21 and genotypephenotype association in down syndrome; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 93-134
- 12. Bani Bandana Ganguly Development of specific phenotypes and genetic consequences in down syndrome: Malformations in craniofacial and cardiac anatomy and development of leukemia and cognitive and learning deficits; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page135-180
- 13. Bani Bandana Ganguly Triplicated HSA21 genes and mtDNA on mitochondrial dysfunction: consequential changes in mitochondrial dynamics, biogenesis, bioenergetics, redox potential and Ca-homeostasis; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 181-217
- 14. Bani Bandana Ganguly Disarrayed mitochondrial function on pathobiology in down syndrome and targeted therapeutics Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 219-243
- 15. Bani Bandana Ganguly Gene-dosage imbalance and altered neurogenesis in down syndrome; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 245-273
- 16. Bani Bandana Ganguly Imbalance in glutamatergic and GABAergic transmission in Down syndrome and therapeutic targets Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 275-320
- 17. Bani Bandana Ganguly Alzheimer disease and neuroinflammation in down syndrome: Effects of gene dosage and therapeutics; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 321-367

- 18. Bani Bandana Ganguly MicroRNAs and epigenetic signatures in down syndrome; Genetics and Neurobiology of Down Syndrome Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page369-404
- 19. Bani Bandana Ganguly, Nitin N Kadam.In vivo and in vitro models for research on down syndrome; Genetics and Neurobiology of Down Syndrome, Nikki P levy ISBN 9978-0-323-90456-8 Edition 1st, Page 405-464
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- 22. Niharika Swain, Jay Gopal Ray, Rashmi Hosalkar, Mansee Thakur & Kapil Singh Thakur Role of Inflammation and Infection in Oral Squamous Cell Carcinoma; Microbes and Oral Squamous Cell Carcinoma Springer, Singapore ISBN 9789811905919, Page 69–74
- 23. Niharika Swain, Rashmi Hosalkar, Mansee Thakur, Antony Herold Prabhu Hallmarks of Cancer: Its Concept and Critique Microbes and Oral Squamous Cell Carcinoma Springer, Singapore ISBN 9789811905919, Page 55–68
- 24. Bela Agarwal Disorders of pleura and thoracic cage Physiotherapy in Cardiopulmonary Conditions, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi 9789354651410
- 25. SH Talib, SR Bhattu, B Pranita, P Sachin, SA Amjad Dengue fever triggering systemic lupus erythematosus and lupus nephritis: case report with 10 years follow up; Current Practice in Medical Science, B P International ISBN 9789355475251
- 26. Shruti Chandra, Deepali Jayabhaye, Sukmeen Kaur, Neeraj Kumar Agarwal Understanding of Effect of Ace Inhibitor on Serum Lipid Profile; Recent Research Trends in Medical Pharmacology, Akinik Publication, ISBN 9789355702661, Page No 01-13
- 27. Uma Gupta, Neeraj Kumar Agrawal, Shruti Chandra Radioprotective role of alstonia scholaris extract against hematological dysfunctions in mice; Recent Research Trends in Medical Pharmacology, Akinik Publication, ISBN 9789355702661, Page No 35-54
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- 29. Pradeep Vaideeswar, Anuja Kekatpure, Subhash Yadav, Neha Lanke Intracardiac Metastases of Squamous Cell Carcinoma, Tropical Cardiovascular Pathology, Publisher Springer, Singapore, ISBN; 9789811937200 Page No 297-300
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Mahatma Gandhi Mission's

MEDICAL COLLEGE & HOSPITAL; NAVI MUMBAI



Constituent Unit of

MGM INSTITUTE OF HEALTH SCIENCES

DEEMED TO BE UNIVERSITY

u/s 3 of UGC Act 1956

Message from Dean's Desk:

I have great pleasure to submit the credential of Mahatma Gandhi Mission's Medical College, Kamothe, Navi Mumbai. Our College was established in August 1989. This is one of the best teaching and research institution in the Maharashtra State recognized/ permitted by the Medical Council of India for undergraduate MBBS (150 Seats), post graduate MD/MS Programs (138 Seats), Super-specialty DM/ M.Ch programs (07



Seats) and various Fellowship programs. This College is a constituent unit of MGM Institute of Health Sciences, Deemed University u/s. 3 of UGC Act 1956).

Recognitions and Awards:

- 1. NABH Accreditation, Constituent Board of Quality Council of India, Validity of certificate: 15.09.2027
- 2. NABL Accreditation- ISO 15189: 2012, by NABL, Validity of certificate: 26.04.2022 to 25.04.2024
- 3. Renewal of CME Accreditation (MMC points) for organizing and conducting CME/Workshops/Conferences by Maharashtra Medical Council, Mumbai. Validity: 25.01.2019 to 09.10.2023
- 4. Awarded with 5-star certificate Eat Right Campus, by Food Safety & Standard Authority of India (FSSAI). Validity: 14.02.2022 to 14.02.2024
- 5. Provisional registration of Ethics Committee relating to Biomedical & Health Research with the National Ethics Committee Registry for Biomedical & Health Research (NECRBHR), Department of Health Research, Government of India, Ministry of Health & Family Welfare by Department of Health Research, Validity: 27.01.2022 to 27.01.2024.

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

MGM Medical College Hospital is accredited by NABH & accredited by NABH "A+" for our Mahatma Jyotirao Phule Jan Arogya Yojana (MJPJAY). The Hospital is treating patients on charity basis, beneficial for the needy patients.

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

Medical College is having an attached tertiary care 1075 bedded hospital with Emergency Care facilities, Trauma, all Broad specialty & Super-specialty including Closed Critical Care

system, Emergency Services, Endoscopy, Lithotripsy, Modular Operation Theatres, Cath Lab. The Hospital is well equipped with modern equipment / instruments and qualified Consultants for the quality patient care with human touch. The Hospital also has approval from Govt. of Maharashtra for Renal Transplant.

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

Our institution extends its influence through active Urban and Rural Health Centers. In tandem with these academic pursuits, our Outreach Programs regularly host medical camps in rural areas, catering to the needs of the less privileged segments of society. Our specialty OPD and lab services, which operate daily at the Municipal Hospital, have not only increased clinical material for training undergraduate and postgraduate students but have also contributed to scientific research projects.

Throughout all these endeavors, our institution is unswervingly committed to providing enhanced patient care, fostering medical research, and upholding quality standards in the Raigad district.

(Dr. G. S. Narshetty)
Dean
MBBS, MS (Gen. Surgery)
PGDHA (Hosp. Admn), PGMLS(Legal)

2. Under Graduate, Post Graduate Course (S) & MBBS

Name of subject	Total No. Intake	Recognised Seats	Permitted Seats
MBBS	150	-	150

♦ Intake Capacity Post Graduate (MD/MS)

Sr. No.	Name of Subject	Total Intake for 2022-23	Merit Seats	NRI Seats
1	MD- Anatomy	5	5	
2	MD- Physiology	3	3	
3	MD- Biochemistry	2	2	
4	MD- Microbiology	2	2	
5	MD- Pharmacology	4	4	
6	MD- Pathology	11	11	
7	MD- Community Medicine	2	2	
8	MD- General Medicine	14	11	3
9	MD- Respiratory Medicine	3	3	
10	MD- Dermatology & V.L.	3	1	2
11	MD- Paediatrics	11	8	3
12	MD- Anaesthesiology	11	11	
13	MD- Radiodiagnosis	8	5	3
14	MD- Psychiatry	3	3	
15	MD- Emergency Medicine	5	5	
16	MD- Geriatrics	2	2	
17	MD- Immuno Haematology & Blood Transfusion	3	3	
18	MD-Family Medicine	2	2	
19	MD-Traumatology & Surgery	2	2	
20	MS- General Surgery	12	10	2
21	MS-Orthopaedics	11	7	4
22	MS-Ophthalmology	4	3	1
23	MS-Obst. & Gynaec	12	9	3

Sr. No.	Name of Subject	Total Intake for 2022-23	Merit Seats	NRI Seats
24	MS-ENT	3	3	
	Total Seats	138	117	21

*

❖ Intake Capacity for Super Specialty Courses (DM/MCh)

Sr. No.	Name of Subject	Recognized	Permitted	Total Intake Capacity
1	DM- Cardiology	1	2	3
2	MCh- Urology	1	2	3
3	MCh- CVTS	1	0	1
	Total	3	4	7

3. Fellowship Programmes & No. of Teaching Faculty

Sr. No.	Name of Course	No. of Intake Capacity
1.	Fellowship in Minimally Invasive Gynecological Surgery	1
2.	Fellowship in CT MRI	5
3.	Fellowship in Clinical Gastrointestinal Endoscopy	1
4.	Fellowship in Cardiac Anaesthesia	2
5.	Fellowship in HIP & Knee Arthroplasty	1
6.	Fellowship in Blood Transfusion	1
7.	Fellowship in Clinical Nephrology	1
8.	Fellowship in Paediatrics Intensive Care	1
9.	Fellowship in Paediatric Neurology	1
10.	Fellowship in Neonatology	1
11.	Fellowship in Interventional Radiology	2
12.	Fellowship in Critical Care Medicine	2
13.	Fellowship in Dual Neonatology & Pediatric Intensive	1
	Care	
14.	Certificate Course in Endospine	4
	Total	24

Teaching Faculties

Sr. No.	Designation	Existing
1	Professor	66
2	Associate Professor	56
3	Assistant Professor	120
4	Tutor	106

4. Foundation Course (Deeksharambh)

SN	Name of the capability enhancement scheme	Date	Year of implementation	Time	Number of students enrolled	Name of the Program
		26.12.22		1.30-3.30	107	
1	Soft skill	27.12.22	2022	1.30-3.30	116	BLS, First Aid, Lib Re,
	development	28.12.22		1.30-3.30	122	Orient
	Personality and professional	23.11.22	2022	9.00-11.00	147	Deeksharambh: Students Sensitization Programme
	development	30.11.22		11.00-12.00	134	Concept of Professionalism, Professional Behavior and altruistic Behavior
2		30.11.22		11.00-12.00	136	Interpersonal Relationship
		28.11.22		10.00-11.00	116	Stress Management with Film
		24.11.22		9.00-10.00	131	Bio Medical Waste Management & Health Hazards,
3	Yoga and	23.11.22	2022	10.00-11.00	128	Sahaj yoga
,	wellness	23.11.22		12.00-1.00	146	Nutrition & Health
4	Human value development	27.12.22	2022	9.00-10.00	98	Environmental Consciousness/ Health and Hygiene facilities
		28.11.22		12.00-1.00	116	Ethics in Research/STS
		30.11.22		1.30-2.30	129	Peer Pressure
	Language and	25.11.22	2022	2.30-3.30	132	Language
	communication	26.11.22		12.00-1.00	132	Language
5	skill development	26.12.22		9.00-10.00	104	Communication technique with disabled
		27.12.22		10.00-11.00	111	Language Session 3
6	Employability skill development	26.11.22	2022	10.00-11.00	133	Principles of Family Practice and Holistic care





BLS Fire Safety



Personality & Professional development

Books & Journals in Central Library (Department wise along with cost)

Books & Journals in Central Library (Department wise along with cost)									
Sl.		No. of	No.	Total	Cost of	Jour		Total	Cost of
no.	Departments	Books	of	no of	Books	International	National	Journa	Journals
110.		(from		books				ls	
		Inception)] 1	1 st Sep 2	022 to 31st	1st S	ep 2022 to	o 31st Aug	2023
				Pr	re-Clinical				
1.	Anatomy	1557	28	1585	-	-	1	1	11999.00
2.	Physiology	931	13	944	-	1	2	3	110332.40
3.	Biochemistry	773	10	783	-	1	1	2	57970.50
				Pa	ra Clinical				
4.	Pathology	774	7	781	3577.00	2	2	4	281492.05
5.	Microbiology	643	9	652	-	-	2	2	10200.00
6.	FMT	338	5	343	-	-	1	-	12000.00
7.	Community Medicine	935	57	992	34952.00	1	2	3	15930.00
8.	Pharmacology	911	11	922	-	2	2	4	262123.08
			•		ıl Medicine All	ied			
9.	Medicine	1468	53	1521	-	3	5	8	348151.58
10	Geriatrics	125	-	125	-	1	2	3	86044.94
11	Respiratory Medicine	261	17	278	121818.00	2	2	4	233181.04
12	Emergency Medicine	292	7	299	1	2	2	4	492378.86
13	Sport Medicine	122		122	-	-	-	-	-
14	Radio diagnosis		6	490	-	2	2	4	206192.07
15	IHBT	133	2	135	-	2	2	4	299645.55
16	Dermatology	412	46	458	134850.00	3	2	5	422861.08
17	Psychiatry	221	3	224	-	2	2	4	254709.16
18	Anaesthesiolog	287	1	288	-	2	3	5	395427.71
19	Family	104	19	123	94500.00	2	-	2	291251.07
20	Paediatrics	797	19	816	13566.00	2	2	4	390121.11
21	Hospital	340		240	_	_	_	_	-
21	Administration		-	340	1.0			_	
	<u> </u>	T		Clinica	ıl Surgery All	ied		Γ	1
22	Surgery	1303	4	1307	-	2	3	5	394309.69
23	Orthopaedics	855	24	879	105228.	3	2	5	445335.50
24	ENT	444	4	448	-	3	2	5	387585.86
25	Ophthalmology	649	5	654	-	2	2	4	155359.79
26	OBGY	578	17	595	11282.00		2	4	347134.26
27	Traumatology & Surgery	230	25	255	348598.00	2	3	5	338395.53
28	Neurology	-	7	7	-	-	-	-	-
29	Neurosurgery	164	5	169	52579.00	2	1	3	496427.63
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1			Specialty	=	_		
30	Cardiology	284	46	330	188893.	2	2	4	416014.20
31	CVTS	168	2	170	-	-	1	1	9500.00
32	Urology	215	27	242	253142.00	2	2	4	493283.20
33		-	43	43	272070.00	-		-	-
33	Medical	_	-	-	-	2	_	2	164651.62
34	General	3952	53	4005	_	-	3	3	6880.00

Databases

BMJ Case Reports (Online Only) BMJ Journals Smart Collection	https://journals.bmj.com/home	882735.00
UpToDate Database	www.uptodate.com	900000.00
DELNET (Developing Library Network)	https://delnet.in/	13570.00
	Total	1796305.00

1. CME Programmes, Conference, Workshops, & Academic Activities Conducted by MGM Medical College, Kamothe, Navi Mumbai

Sr. No.	Title of the professional development Programme organised for teaching staff	Professional development programs organized by teaching	Date (from) (DD-MM- YYYY)	Date (to) (DD-MM- YYYY)	No. of participants
1.	Conduction of Refresher workshop on 'AQAR Writing & Submission' (Pre & Para)	IQAC, MGM MC NM	01.09.2022		Teaching - 27 (M-9 & F 18) / Non-Teaching - 9 (M-6 & F-6)
2.	Conduction of Refresher workshop on 'AQAR Writing & Submission' (clinical)		02.09.2022		Teaching - 21 (M-9 & F 12) / Non-Teaching - 11 (M-6 & F-5)
3.	PG Orientation Program for MD/MS Students Batch 2022-2023	Medical Education Unit	01.11.2022		110
4.	Mandatory Training for PG's: Workshop on "Training in Research Methodology and Hospital Protocols" For First year PG students (MD/ MS 2022 Admitted Batch)	Medical Education Unit	08.12.22	16.12.2022	113
5.	Workshop on "BLUE PRINTING IN ASSESMENT AND PAPER SETTING"	Medical Education Unit	09.02.2023		88
6.	1st Hands on Basic FESS Workshop	ENT	12.11.2022	13.11.2023	35
7.	11 th Cadaveric hands-on workshop - Fluoro-guided pain interventions	Anatomy	23.09.2022	25.09.2022	14
8.	12 th Cadaveric hands-on workshop - Fluoro-guided pain interventions	Anatomy	21.10.2022	23.10.022	12
9.	Remembrance Meet	Anatomy	15.10.2022		100
10.	13 th Cadaveric hands-on workshop - Fluoro-guided pain interventions	Anatomy	18.11.2022	19.11.2022	12
11.	1 st Hands on Workshop on Plastination	Anatomy& ENT	18.11.2022	19.11.2022	49
12.	14 th Cadaveric hands-on workshop - Fluoro-guided pain interventions	Anatomy	16.12.2022	18.12.2022	14

	1.5th C 1 1 1		ı	-	
1.0	15 th Cadaveric hands-on	A	20.01.2022		11
13.	workshop - Fluoro-guided	Anatomy	20.01.2023	22.01.2023	11
	pain interventions				
1.4	16 th Cadaveric hands-on	A t	24.02.2022		1.4
14.	workshop - Fluoro-guided pain interventions	Anatomy	24.02.2023	26.02.2023	14
	-	36. 1.1			
15.	Training on Antibiotic	Microbiology &	21.11.2022		78
	Awareness	Pharmacology			
	Workshop cum CME on	Physiology&	00.40.2022		40
16.	Basics of NCS & EMG	Physical Medicine	08.10.2022	09.10.2022	12
	CMC EL D : 1 1M	Rehabilitation			
	CME on The Peripheral Nerve	Dl			
17.	- Unravelled & Workshop on	Physiology&	17.12.2022		120
	Nerve Conduction Study	Medicine			
	Techniques Guidance on GSMC FAIMER				
18.	Fellowship Program for 2023-	Dhygiology	12.01.2023		5
10.	2025	Physiology	12.01.2023		3
	2023	Physiology, Physical			
	Workshop cum CME on	Medicine			
19.	Basics of NCS & EMG	Rehabilitation &	04.02.2023		14
	Dasies of Ives & Livid	Anatomy		05.02.2023	
20.	MIS Port Insertion Workshop	Surgery	22.11.2022		36
21.	VATS Cadeveric Workshop	Surgery	12.11.2022		36
21.	_	Surgery	12.11.2022		30
22	The future of thoracic surgery for the general surgeon-by	Cumaamu	27.10.2022		10
22.	Dr .Ali Zamir Khan	Surgery	27.10.2022		10
23.	Central Vigilance Commission	Community Medicine	17.11.2022		11
23.	NMC recognized "Revised	Community Medicine	17.11.2022		11
	Basic Course Workshop in	Medical Education			
24.	Medical Education	Unit	01.03.2023	03.03.2023	29
	Technology"	Oint		03.03.2023	
	17 th Cadaveric hands-on				
25.	workshop - Fluoro-guided	Anatomy &	24.03.2023		9
25.	pain interventions	Anesthesia	2.1.00.12020	26.03.2023	
	1 st USG & Fluoro-guided	Anatomy, Radiology	01.01.000		
26.	Regional Anaesthesia	& Anesthesia	01.04.2023	02.04.2023	11
	18thCadaveric hands-on	A			
27.	workshop - Fluoro-guided	Anatomy &	21.04.2023	22.04.2022	13
	pain interventions	Anesthesia		23.04.2023	
20	2 nd USG & Fluoro-guided	Anatomy, Radiology	06.05.2022		11
28.	Regional Anaesthesia	& Anesthesia	06.05.2023	07.05.2023	11
	19 th Cadaveric hands-on	Anatomy &			
29.	workshop - Fluoro-guided	Anatomy & Anesthesia	19.05.2023	21.05.2023	9
	pain interventions			21.03.2023	
30.	9 th MSK-USG Workshop	Anatomy, Radiology	09.06.2023		7
50.	-	& Anesthesia	07.00.2023	11.06.2023	,
	20 th Cadaveric hands-on	Anatomy &			
31.	workshop - Fluoro-guided	Anesthesia	16.06.2023	18.06.2023	11
	pain interventions	- Incomonu			
32.	10 th MSK-USG Workshop	Anatomy, Radiology	14.07.2023	16.07.2023	12
یک.	10 Mar-030 workshop	& Anesthesia	14.07.2023	10.07.2023	12
	l	t			

			1	1	1
33.	21stCadaveric hands-on workshop - Fluoro-guided pain interventions	Anatomy & Anesthesia	21.07.2023	23.07.2023	13
34.	11 th MSK-USG Workshop	Anatomy, Radiology & Anesthesia	11.08.2023	13.08.2023	11
35.	22 nd Cadaveric hands-on workshop - Fluoro-guided pain interventions	Anatomy & Anesthesia	18.08.2023	20.08.2023	15
36.	CME on Menopause of Enigma	OBGY	02.02.2023		53
37.	5 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	07.10.2022		15
38.	6 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	09.12.2022		11
39.	7 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	17.03.2023		10
40.	1 st Regional Anaesthesia Workshop	Anatomy, Radiology & Anesthesia	01.04.2023		11
41.	8 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	14.04.2023		8
42.	2 nd Regional Anaesthesia Workshop	Anatomy, Radiology & Anesthesia	06.05.2023		11
43.	9 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	09.06.2023		7
44.	10 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	14.07.2023		12
45.	11 th Musculoskeletal USG Workshop	Anatomy, Radiology & Anesthesia	11.08.2023		11
46.	Temporal Bone Dissection Workshop	ENT	07.04.2023	09.04.2023	19
47.	Temporal Bone Dissection Workshop	ENT	28.07.2023	30.07.2023	19
48.	World TB Day Celebration 2023 & CME on Tuberculosis	Respiratory Medicine	21.03.23		218
49.	MGMPAICON 2023	Paediatrics	14.01.2023	15.01.2023	188
50.	MGM EMCAM 2023	Emergency Medicine	05.04.2023	06.04.2023	32
51.	Dermatopathology workshop CUM - CME	Dermatology	27.08.2023		116
52.	Case Based Paediatric Trauma CME	Orthopedics	20.08.2023		90
53.	1st Cadaveric workshop on "Needle Entry to Sheath insertion" in Transforaminal Endoscopic Discectomy	Orthopedics & Anatomy	26.08.2023	27.08.2023	19
49. 50. 51. 52.	MGMPAICON 2023 MGM EMCAM 2023 Dermatopathology workshop CUM - CME Case Based Paediatric Trauma CME 1st Cadaveric workshop on "Needle Entry to Sheath insertion" in Transforaminal	Paediatrics Emergency Medicine Dermatology Orthopedics Orthopedics &	14.01.2023 05.04.2023 27.08.2023 20.08.2023		188 32 116 90



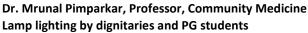




Medical Education Unit

PG Induction Programme for MD/MS students (Batch 2022-2023) by Medical Education Unit, MGM Medical College, Navi-Mumbai Date: 01.11.2022







MEU Co-ordinator welcomed the audience

Workshop for Students

"Training in Research Methodology and Hospital Protocols" For First year PG students MGM Medical College & Hospital, Kamothe, Navi Mumbai (MD/ MS 2022 Admitted Batch) Date: 08.12.2022-16.12.2022







Workshop for Faculty

Blue Printing in Assessment and Paper Setting Organized by Medical Education Unit (MEU) & Department of Pathology MGM Medical College, Kamothe, for Teaching Faculties Date: 09.02.2023







MEU Conducted Second Revised Basic Course Workshop for Teaching faculty. NMC recognized "Revised **Basic Course Workshop in Medical Education Technology**"

Date 1st to 3rd March 2023



Guest Lecture organized by MGM Medical College & Hospital

Sr.	Department	Name of the Speaker	Title of professional development	Date
No			program for teaching staff	
1.	Biochemistry	Dr. Surya Singh	Neuroprotective Potential of Herbal Plants Neurodegenerative Disorder	26.12.2022
2.	Physiology	Dr. Prema Joshi, Prof & Head VP Medical College, Nashik	Sensitization to point of care quality improvement	17.02.2023
3.	Physiology	Dr. Ganashree CP, Prof. Basaveshwara Medical College, Chitradurga	Guest Lecture- Introduction to Comprehensive Emergency Care Life Support (CECLS) by Jeeva Raksha Trust by Swami Vivekananda Youth Movement (SVYM) & Technical Support University of Utah (USA) Affiliated To RGUHS Bangalore, for Interns & Post Graduate Students of Medial College	17.02.2023
4.	Physiology	Dr. Iftikar Khadas	Sharing experiences of smart Preparation for MBBS & Post graduates	19.07.2023
5.	ENT		Success of ENT	22.05.2023
6.	Orthopedics	Dr. N. S. Laud	Polytrauma: Understanding and priority in Management	15.04.2023
7.	Orthopedics	Brig Chetan Sood, AFMC, Pune	Guest Lecture - " 3 D Printing in Arthroplasty - Present & Near Future Applications"	11.03.2023
8.	Orthopedics	Padma Bhushan, Dr. Nandkishor S Laud	Guest Lecture - "Polytrauma Understanding and Priority in Management"	15.04.2023
9.	OBGY	Dr. Annabelle sabu	A Carrier Guidance talk	27.01.2023
10.	OBGY	Dr. Mayuri More	A Carrier Guidance talk	22.12.2022
11.	Psychiatry	Dr. Ashish Deshpande, Consultant, Psychiatry, Mumbai	Make Mental Health & Well-being for all a global priority	04.10.2022
12.	Psychiatry	Dr. Ali Zamir Khan, Consultant, Thoracic Surgeon Blackpool Victoria Hospital, UK	Future of Minimally invasive Thoracic Surgery	28.10.2022
13.	Psychiatry	Dr. Kavan Lakdawala, Hon. President, Bombay Psychiatric Society	Conquering stress and suicide Prevention	10.09.2022
14.	General Medicine	Dr. Anand Sharma, Consultant Medical Oncology, Mount Vernon Cancer Centre United Kingdom.	ONCOLOGY EMERGENCYCIES: Recognition and initial management	20.12.2022
15.	General Medicine	Dr. Ritu Bansal, HS Associate Clinical Prof. School of Medicine at UCSF	Diagnostic utility of point of care Ultrasound and Recent advances in approach to hyponatraemia and Career Counseling	19.12.2022
16.	General Medicine	Dr. Manoj Chawla & Dr. Girish Rajadhyaksha	Diabetes Quiz Diabetes Update	06.04.2023
17.	Ophthalmology	Dr. Chandresh Parekh, Strabismus Expert	Strabismus	21.09.2022
18.	Ophthalmology	Dr. Sumeet Lahane	Occuloplasty Case Presentation	24.11.2022
19.	Ophthalmology	Dr. Anamika Patel	Uveitis	30.01.2023
20.	NSS	Dr. Mrunal Pimparkar	Celebrate International Women Day	08.03.2022







Guest Lecture on "ONCOLOGY EMERGENCYCIES: Recognition and initial management" on 20 December 2022 By Dr. Anand Sharma, MRCP, Dphil, Consultant Medical Oncology United Kingdom.







Guest Lecture on "Diagnostic utility of point of care Ultrasound and Recent advances in approach to hyponatraemia and Career Counseling" on 19th December 2022 By Dr. Ritu Bansal, HS Associate Professor, Step3, School of Medicine at UCSF







Guest Lecture on "Polytrauma: Understanding and priority in Management" on 15th April 2023

NEWSPAPER CLIPPING





Awards of Faculties, Postgraduates and Undergraduates Students Faculty Awards

Sr. No.	Depart ment	Name of the awards/recognitions received for innovation/discoveries by the institution/teachers/ research scholars/students received awards	Name of the Faculty/research scholars/students received awards	Designat ion: (teacher s/ research scholars/ students)	Awarding Agency	Yea r of awa rd
1	ENT	XVII Basic Course in Endoscopic Sinus Surgery, 1st Prize Quiz Competition	Dr Ketki Pimpalkhute	Senior Resident	Lokmanya Tilak Municipal Medical College and government Hospital Sion	2022
2	ENT	Best Bowler box cricket tournament	Dr. Swapnil Gosavi	Assistant Professor	Ulwe Doctor Under box cricket tournament	2023
3	OBGY	Paper Presentation- Apophenia PG First Prize	Dr. Shruthi Shetty	Resident JR- III	KEM Hospital Mumbai	2022
4	OBGY	Poster Presentation – Effectiveness of omeprazole in treatment of early onset preeclampsia – 1 st Place	Dr. Shruthi Shetty	Resident JR- III	KEM Hospital Mumbai	2022
5	OBGY	Poster Presentation – Miscellaneous category – Second Prize	Dr. Saumya Joshi	Resident JR- III	D.Y. Patil Medical College Navi Mumbai	2022
6	OBGY	High Risk Obstetric Cases	Dr. Tanya Vijan	Resident JR- III		2022
7	OBGY	Neuropedicon 2022 21 st National Conference of the Academy of Pediatric Neurology	Dr. Bageshree Seth	Faculty	Govt. Medical College, Srinagar, J &K	2022
8	Anatomy	MAHACON 2023 paper presentation	Dr. Anjali Sabnis	Faculty	Symbiosis Medical College for Women and Symbiosis University Hospital and Research Centre	2023

Students Awards: UG / PG

Sl. No	Year	Name of the student	Name of the award/ medal	Sports / Cultural	State / National / International
1.	2022	Sameeksha Sarkar	Certificate of Appreciation -2 nd in Aalap	Cultural	State
2.	2022	Sameeksha Sarkar	Certificate of Appreciation -3rd in Solo Classical Dance	Cultural	National
3.	2023	Suhani Jamkhadi	Certificate of Excellence 1st prize in relay race- Sports Festival Skream 2023	Sports	State
4.	2023	Diya Jain	Certificate of Excellence 1st prize in relay race- Sports Festival Skream 2023	Sports	State
5.	2023	Ushma Ved	Certificate of Excellence 1 st prize in relay race- Sports Festival Skream 2023	Sports	State

6.	2023	Ushma Ved	Certificate of Excellence Secured 3 rd PRIZE 400 m- Sports Festival Skream 2023	Sports	State
7.	2023	Ushma Ved	Certificate of Excellence Secured 3 rd PRIZE 200 m- Sports Festival Skream 2023	Sports	State
8.	2023	Aakansha Patil	Best Camper Award- NSS -in Parade	Sports	National
9.	2023	Nandita Thakkar	Felicitated for best Medico award in Faimiacon 2023	Cultural	State
10.	2023	Sameeksha Sarkar	Inter college competition in Astitva solo singing 2nd prize	Cultural	State
11.	2023	Sameeksha Sarkar	Seth GS Medical College competition solo singing 1st prize in ASCENSION	Cultural	State
12.	2023	Sameeksha Sarkar	JIPMER event won 2nd prize in solo singing competition for their fest SPANDAN at Pondicherry	Cultural	State
13.	2023	Sherstha Telvelkar	2nd position in Debate Competition -Zenith 2023" at RGMC Kalwa	Cultural	State
14.	2023	Nandini Dholkia	2nd position in Debate Competition -Zenith 2023" at RGMC Kalwa	Cultural	State
15.	2023	Archi Chawala	1st prize paper in AIIMS Nagpur chapter conference 8th & 9th July 2023	Academic	State

Glimpse of Awards







Dr. Nandita Thakkar, intern of batch 2018 for getting felicitated for best young medico award in FAIMACON 2023 held at Delhi on $18^{\rm th}$ June 2023

Dr Ketki Pimpalkhute XVII Basic Course in Endoscopic Sinus Surgery, 1st Prize Quiz Competition



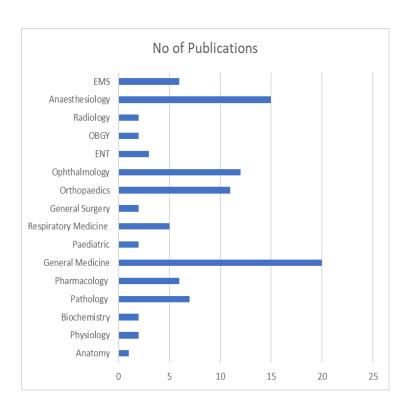
Ms. Aakanksha V. Patil, student of 3rd Year MBBS got BEST CAMPER (GIRLS)" for NSS Republic Day Parade at New DelhiPhoto with "Hon'ble President of India Droupadi Murmu".

Celebration Days

Sr.	Organising		Date of th	e Activity	Number	Numbe
No.	unit/ agency/ collaborating agency	Name of the activity	From	То	of teachers	r of student s
1.	NSS Unit, Student Council, Mess Committee, MGM Kalamboli		06.09.2022	06.09.2022	2	2
2.	Student Council	Garba Utsav Celebration	30.09.2022	30.09.2022	2	All Student
3.	Mess and Canteen Committee	World Food Day	15.10.2022	15.10.2022	12	71
4.	NSS Unit, MGM MC NM	World Diabetes Day	25.11.2022	25.11.2022	1	2
5.	NSS Unit, MGM MC NM	Samvidhan Diwas	26.11.2022	26.11.2022	2	134
6.	NSS Unit, MGM MC NM	World HIV Day	01.12.2022	01.12.2022	3	3
7.	NSS Unit, MGM MC NM	World Cancer Day	04.02.2023	04.02.2023	4	2
8.	NSS Unit, MGM MC NM	World Cancer Day	04.02.2023	04.02.2023	4	2
9.	NSS Unit, MGM MC NM	Health Check Up Camp Celebration 132 birth anniversary of Dr. Babasaheb Ambedkar at Khanda Colony	12.04.2023	15.04.2023	4	20
10.	NSS Unit, MGM MC NM	Essay writing competition on celebration 132 birth anniversary of Dr. Babasaheb Ambedkar	12.04.2023	15.04.2023	2	7
11.	NSS Unit, MGM MC NM	Blood Donation camp on celebration 132 birth anniversary of Dr. Babasaheb Ambedkar	12.04.2023	15.04.2023	3	4
12.	NSS Unit, MGM MC NM	Poster making Competition on celebration 132 birth anniversary of Dr. Babasaheb Ambedkar	12.04.2023	15.04.2023	2	8
13.	NSS Unit, MGM MC NM	Cultural festival held at Kasturba Medical College, Manipal	17.04.2023	17.04.2023	4	15
14.	NSS Unit, MGM MC NM	X-tasy Celebration in Medical College	08.05.2023	08.05.2023	5	All Student
15.	NSS Unit, MGM MC NM	Literary Events that took place in the annual fest 2023	09.05.2023	09.05.2023	4	12
16.	NSS Unit, MGM MC NM	World Hypertension Day at Kalamboli hospital	02.06.2023	02.06.2023	2	4
17.	NSS Unit, MGM MC NM	World tobacco Day celebration at kalamboli hospital	03.06.2023	03.06.2023	3	4
18.	NSS Unit, MGM MC NM	International world blood donor day	14.06.2023	14.06.2023	3	22
19.	NSS Unit, MGM MC NM	Event on International Yoga Day	21.06.2023	21.06.2023	31	10
20.	NSS Unit, MGM MC NM	Staff Welfare Picnic at Penn	09.07.2023	09.07.2023	15	43
21.	NSS Unit, MGM MC NM	World population day	18.07.2023	18.07.2023	8	3
22.	NSS Unit, MGM MC NM	Celebrate world Breast feeding week and IEC activity & immunization at MGM Hospital Kalamboli	11.08.2023	11.08.2023	7	18

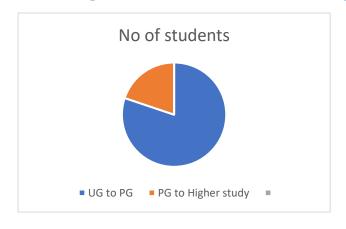
23.	NSS Unit, MGM MC NM	Celebrate world Breast feeding week at at MGM Hospital, Kalamboli	10.08.2023	10.08.2023	7	10
24.	NSS Unit, MGM MC NM	Celebrate world Breast feeding week and IEC activity at MGM Hospital Kalamboli	16.08.2023	16.08.2023	2	3

Publications



	No of
Name of Department	Publications
Anatomy	1
Physiology	2
Biochemistry	2
Pathology	7
Pharmacology	6
General Medicine	20
Paediatric	2
Respiratory Medicine	5
General Surgery	2
Orthopaedics	11
Ophthalmology	12
ENT	3
OBGY	2
Radiology	2
Anaesthesiology	15
EMS	6

Students Progression (UG to PG & Fellowship)



Programme	No of students
UG to PG	93
PG to Higher study	23

Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

Name of the Principal Investigator/Co Investigator	Name of the Funding agency	Type (Government/Non- Government etc)	Department of Principal Investigator/ Co Investigator	Funds provided (INR in Lakhs)	Duration of the project
Dr. Ipseeta Ray	ICMR	Government	Pharmacology	Rs.1,83,744.00	01.09.2022 to 30.08.2023
Dr. Ipseeta Ray	ICMR	Government	Pharmacology	Rs.4,62,000.00	2023-2024

Sr. No.	Date	Name of the Staff Member	Name pf conference/workshop attended for which financial support Provided	Place	Amount (Rs.)
1.	30.09.2022	Dr. Anjali Sabnis	Registration fees for attending 19 th ICMR course in Medical Counseling 'PEDIGREE TO GENOME' from 01.08.2023 to 13.08.2023	Lucknow	20,000.00
2.	10.12.2022	Dr. Sunila Sanjeev	Expenses for Orientation training programme on health policy, planning & financing in context of national Health programme including NHM at NIHFW	New Delhi	25,048.00
3.	02.01.2023	Dr. Sunila Sanjeev	Registration fees attending the National IPHA conference for oral presentation	Pune	5,800.00
4.	02.01.2023	Dr. Anjali Sabnis	Registration fees attending the National conference 2022 at Gadag Institute of Medical Sciences, Gadag from 08.12.2022 to 11.12.2022	Gadag	4,000.00
5.	24.01.2023	Dr. Madhavi Mankar	Travelling & Exp Registration fees to attend International Conferences on Integrative approach to Health & well being 2022 (IHW) from 15.12.2022-19.12.2022	Hyderabad	3,996.00
6.	25.04.2023	Dr. Sameer Kadam	Workshop- The Indian Association of Interventional Cardiac Surgeons	Vijaywada	12,000.00
7.	09.05.2023	Dr. Sameer Kadam	Expenses of Cath Skill for Cardiothoracic Surgeons	Vijaywada Andhra pradesh	4,520.00
8.	24.11.2022	Dr. Sameer Kadam	Pay or Thiels Cadaveric Embalming training at University of Dundee	London	1,83,230.00
9.	24.11.2023	Dr. Vishwas Sathe	Pay or Thiels Cadaveric Embalming training at University of Dundee	London	54,298.00

${\bf Collaboration\ /\ Linkages\ /\ MOU}$

Title of the MoU	Name of the partnering institution/ industry /research lab/corporate house with contact details	Year of commen cement	Duration (From-To) DD-MM- YYYY	Year wise List the actual activities under each MoU	Number of students/ teachers participat ed under the MoUs	Link to the relevant document
MGM New Bombay Hospital Vashi Blood Storage Centre	MGM New Bombay Hospital Vashi Blood Storage Centre	2021	2026	-	3	ІНВТ
MOU of Microbiology Laboratory MGM New Bombay Hospital, Vashi	MGM New Bombay Hospital, Vashi	01.06.2021	01.04.2022 To 31.03.2023	COVID RTPCR	8- Faculty & 10 Students	Microbiology
MOU of Microbiology Laboratory MGM New Bombay Hospital, Vashi	MGM New Bombay Hospital, Vashi	01.06.2021	01.05.2022 To 30.04.2023	H1N1RTPCR	8- Faculty & 10 Students	Microbiology
ICTC Program	MSACS	April, 2013	2025	Public-Private Partnership for HIV Testing	8- Faculty & 10 Students	Microbiology
MOU of HIV Viral Load & CD4CD8 Count	AIDS Health Foundation - India Cares (AHF)	April, 2017	April 2017 to be Continued	CD4CD8	8- Faculty & 10 Students	Microbiology
WHUC Foundation - Haj & Umrah Medical Service Providers	Haj & Umrah Medical Service Providers	25.8.2021	25.08.2022 to till date	COVID PCR Samples	8- Faculty & 10 Students	Microbiology
H1N1 RTPCR	Kashibai Navle Medical College, Pune	27.11.2021	27.11.2021 to 26.11.2024	H1N1 RTPCR	8- Faculty & 10 Students	Microbiology
Hospital Services to patients care	SEAL	2022	02.05.2022 to 01.05.2025	Hospital Services to patients care	1	Dean Office (Geriatrics)
Health Camp	Children of World India Trust	01.12.2020	3 years	Health Camp	29 6 F & 22 S	Pead
Tertiary health care services	Primary Health Centre, Nere, Zilla Parishad, Raigad	01.01.2021	5 years	Tertiary health care services	43 F & 450 S	MGM Medical College
Multispecialty outpatient services	Dr. Babasaheb Ambedkar Memorial Municipal Hospital, Khopoli, Raigad	01.11.2020	5 years	Multispecialty outpatient services	43 F & 450 S	MGM Medical College
International Training Center (ATLC, PALS)	American Heart Association	24.01.2020	3 years	International Training (Basic Life Support)	17 F	MGM Medical College

Integration of Extended Immune Monitoring (ExImM) and clinical parameters for early prediction of disease /progression, treatment planning and prophylaxis to improve COVID-19 prognosis	ICMR + ACTREC (TATA Hospital, Kharghar)	10.09.20	2 years	Integration of Extended Immune Monitoring (ExImM) and clinical parameters for early prediction of disease trajectory/prog ression, treatment planning and prophylaxis to improve COVID-19 prognosis	1F&6S	Pathology
Validate the AI Tool developed by MYB in reliably diagnosing COVID 19 cases by use of Xray images	More-Ya Biosciences Limited Liability Company (LLP), Pune	03.08.20	5 years	Validate the AI Tool developed by MYB in reliably diagnosing COVID 19 cases by use of X-ray images	2 F	MGM Medical College
DR TB center	CEO, ZP Raigad, & District National Tuberculosis Elimination Programme society, Raigad	01.04.21	3 years	DR TB centre	9 5 F & 4 S	MGM Hospital
Health Care related Services	Star Health and Allied Insurance Company Ltd.	02.09.2019	Till Terminatio n	Health Care related Services	Hospital Staff	MGM Hospital (TPA)
To provide the required medical and surgical expertise, Infrastructure facilities etc	Inga Health Foundation	01.05.2021	3 years	To provide the required medical and surgical expertise, Infrastructure facilities etc	Hospital Staff	MGM Hospital (TPA)

Mahatma Gandhi Mission's

MEDICAL COLLEGE & HOSPITAL, AURANGABAD



Constituent Unit of
MGM INSTITUTE OF HEALTH SCIENCES
DEEMED TO BE UNIVERSITY
u/s 3 of UGC Act 1956



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

The MGM Medical College & Hospital was established in 1990 with a vision to be a top-ranking Centre of Excellence in Medical Education and Research. Students graduating from the Institute will have all the required skills to deliver quality health care to all sections of the society with compassion and benevolence, without prejudice or discrimination, at affordable cost.

During recent years the college has established itself as one of the top ranking medical colleges in the nation. This medical college is among very few Institutes in the state of Maharashtra which offers post graduates courses in all the medical subjects, Super Specialty courses in five branches in addition to its MBBS course with a capacity of 200.

During the previous year the college has achieved new heights and miles stone towards becoming a center of excellence. In the field of patient care and clinical services apart from its state of art hospital infrastructure the hospital has added new OBGY intensive care unit in its group of existing specialized ICU's. The super specialty service was strengthen specially in the field of Urology and Nephrology by upgrading its kidney transplant unit and dialysis unit along with new ward and department. It is important to mention that the medical college & hospital continues to be in the top "A+" category of Rajiv Gandhi Jeevandayi Arogya Yojna since last four years. The blood bank is NABH accredited and the central path lab is accredited by NABL.

As a part of vision of reaching towards academic excellence the Institute has adopted various latest teaching and learning methodology one of which is early clinical exposure and integrated teaching. The medical college central library has been shifted into its new state of art complex where latest facilities with upgraded books and journals including online facilities are provided. The Institution has organized various National and International level conferences throughout the year. The ICCME (International Conference on Challenges In Medical Education) organized in the year 2015 was a grand success in which various National and International experts of medical education took part.

The medical college has decided to accelerate and emphasize on basic medical research as a part of which the faculties are encouraged to participate in research. One of the faculties' research findings has been incorporated by WHO in its publications. Few faculties have got best research awards.

As a part of quality enhancement the IQAC (Internal Quality Assurance Cell) of the college has introduced specific quality improvement program which includes "Individual Faculty Appraisal System", apart from its existing different cells like Attendance Cell, Student Welfare Cell etc.

In the forthcoming years the college plans to focus on fundamental research in medical sciences and to do clinical research. The college plans to starts super specialty courses in Neonatology, Neurology, Neurosurgery and Post Graduate courses in Emergency Medicine and Critical Care. The hospital plans to upgrade its services in the field of Endocrinology, Immuno histochemistry, and Oncology.

Dr. Pravin Suryawanshi Deputy Dean, MGM Medical College & Hospital, Aurangabad



At MGM Medical College & Hospital, Aurangabad, we are striving hard to nurture our next generation who will be knowledgeable, skilful, responsible, socially sensitive and globally acceptable. To achieve these goals, we have an excellent team of dedicated teachers and support services. This team enabled us to grab the 37th position amongst 470 Medical Colleges in India.

We are committed to providing state of the art healthcare facilities to our patients with ultramodern infrastructure and a plethora of diagnostic and treatment modalities, which not only benefits patients, but students also have an excellent learning experience. Hospital is also NABH accredited and is positioned 11th amongst 470 Medical Colleges in India by NABH.

We have pioneered advanced treatment options like Liver Transplant and Bone Marrow Transplant in the region of Marathwada.

We also have a state of the art indoor and outdoor sports facility, a meditation hall and a cultural wing for the exemplary personal development of the students. We at MGM are committed to set up a world-class institute with all the ultramodern facilities in a very affable environment. From where I see, we are already reaching there..!!!!

PROGRAMME OFFERED

UG – MBBS

Intake capacity	150 MBBS seats
Course duration	4 ½ years + 1 year Rotatory Internship
Admission	Through the National Eligibility and Entrance Test (NEET).
procedure	Admissions are done through an online central counselling
	process conducted by Director general of health services
	(DGHS), New Delhi.
Eligibility	Any examination equivalent to H.S.C. / (10+2) examination, of any
	recognized Board/University with 50% in PCB group in same
	examinations

PG - MD/MS

Intake capacity	101 Seats
Course duration	MD/MS - 3 years.
Admission procedure	Through National Eligibility and Entrance Test (NEET) conducted by NBE Ad- missions are done through an online central counselling process conducted by Director general of health services (DGHS), New Delhi.
Eligibility	Passed MBBS from a recognized Medical College

		Diploma		Status		Number of Seats
Sr. No.	Department / Speciality	/ MD / MS/ M. Ch/ DM	Number of Seats	Recognized	Permitted	filled in last Academic year
1	MD. Anatomy	MD	4	4	0	0
2	MD. Physiology	MD	3	3	0	0
3	MD. Biochemistry	MD	2	2	0	0
4	MD. Pathology	MD	5	5	0	5
5	MD. Microbiology	MD	4	4	0	0
6	MD. Pharmacology	MD	2	2	0	1
7	MD. Community Medicine	MD	2	2	0	1
8	MD. General Medicine	MD	14	8	6	14
9	MD. Respiratory Medicine	MD	3	3	0	3
10	MD. Dermatology	MD	3	3	0	3
11	MD. Psychiatry	MD	3	1	2	3
12	MD. Paediatrics	MD	8	6	2	8
13	MS. OBGY	MS	9	4	5	9
14	MS. Gen.Surgery	MS	8	6	2	8

15	MS. ENT	MS	3	1	2	3
16	MS. Ophthalmology	MS	5	3	2	5
17	MS. Orthopaedics	MS	8	4	4	8
18	MD. Anaesthesiology	MD	7	5	2	7
19	MD. Anatomy	MD	4	4	0	4
20	DM Cardiology	DM	01	01	00	01
21	DM Nephrology	DM	01	01	00	01
22	M.Ch Urology	M.Ch	04	01	00	01
23	M.Ch Plastic & Reconstructive Surgery	M.Ch	01	01	00	01
24	M.Ch Cardio Vascular & Thoracic Surgery	M.Ch	01	00	01	00

PhD

Intake capacity	Subject wise
Course duration	3 years
Admission procedure	Through MGM IHS entrance examination.
Eligibility	MD/MS Post-graduate with minimum 50% Marks in final examinations. M.Sc. in Medical Anatomy, Biochemistry, Microbiology & Pharmacology from Medical College.

Fellowship

Intake	Name of the Program	Intake
capacity	Fellowship in Blood Transfusion	1
	Fellowship in Clinical Nephrology	2
	Fellowship in Neonatology	2
	Fellowship in Interventional Radiology	1
	Fellowship in Minimally Invasive Gynaecological Surgery	1
	Fellowship in CT MRI	1
	Fellowship in Minimal Access Surgery	2
	Fellowship in Basic Gastrointestinal Endoscopy &	2
	Laparoscopic Surgery	2
	Fellowship in Cardiac Anaesthesia	2
	Fellowship in Critical care Medicine	2
Course	01 year for MD/MS	·
duration	02 Year for NMC Recognised Diploma	
Admission	Through MGM IHS entrance examination.	
procedure		
Eligibility	Post Graduate Degree Or Diploma in the Speciality.	

MSc Medical Programme

	Medical Anatomy	5		
	Medical Physiology	5		
Intake capacity	Medical Biochemistry	10		
	Medical Pharmacology	5		
	Medical Microbiology	10		
Course duration	3 years			
Admission procedure	The candidates desirous to seek admission to MSc Medical Sciences programmes need to apply through online admission process of MGM Institute of Health Sciences, Navi Mumbai			
Eligibility	As a minimum criterion of eligibility aspiring candidates are Needed to have attained a BSc in any discipline of Life Sciences, Biosciences, MBBS, BDS, BAMS, BHMS, B. Pharm, B. Tech, or equivalent examination with a minimum aggregate score of 50%.			

Extension Activities 2022-23

Activity	Name of the activity	Organising unit/ agency/ collaborating	Number of participated in activities	
Date	Traine of the activity	agency	Student	Teacher
03.09.2022	Organized a National - Symposium On "Ethical And Medico Legal Issues In Medical, Practice	MGM Medical College & Hospital, Aurangabad	15 PG Students	15 Faculties
Sept. 2022	World Nutrition Week Celebration,	Health Centre, Waluj	2	3
Sept. 2022	World Nutrition Week Celebration	MGM OPD Aurangabad	4	4
Sept. 2022	World Nutrition Week Celebration in	MGM Health centre Gandheli	4	3
Sept. 2022	World Nutrition Week Celebration Daulatabad	MGM Health centre Daulatabad	3	3
Sept. 2022	Rally on occasion of international day of peace	NSS, MGM Medical College, Aurangabad	50	2
Sept. 2022	School Health Check up	Rosebird N-5 Cidco	8	3
Sept. 2022	World Rabies Day Exhibition and Awareness Programme	RHTC Ellora	4	2
Sept. 2022	World Rabies Day Exhibition and Awareness Programme	MGM Health Centre Waluj	4	3
Oct.2022	World Rabies Day Exhibition and Awareness Programme	PHC Daulatabad	6	2
Oct.2022	Multi Diagnostic and Treatment Camp at Limbgaon Dist. Nanded	Limbgaon Dist. Nanded	12	13
Oct.2022	World Rabies Day Exhibition and Awareness Programme	MGM UHTC Ajab Nagar	4	2
Oct.2022	World Rabies Day Exhibition and Awareness Programme	MGM health centre Gandheli	5	3
Oct.2022	Work shop on Mankishakati for Intern		78	8
Oct.2022	world Handwashing Day Awareness Campaign RHTC Khultabad	RHTC Khultabad	8	6
Oct.2022	Multi Diagnostic and Treatment Camp Health Center Silk Mill Colony Aurangabad	Health Center Silk Mill Colony Aurangabad	7	2
Oct.2022	World Handwashing Day Awareness Campaign RHTC Ellora	RHTC Ellora	3	3
Oct.2022	World Handwashing Day Awareness Campaign	Health Center Waluj	3	2
Nov.2022	school health check-up in BSSk Aurangabad	Bhartiya Samaj Sevak kendra Aurangabad and dept of peadiatric MGM Medical College Aurangabad	15	3

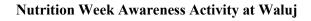
Activity	Name of the activity	Organising unit/ agency/ collaborating	Number of participated in activities	
Date		agency	Student	Teacher
Nov.2022	School health check-up camp	Sanskar Primiary scondary School at Jadhav Wadi	34	2
Dec.2022	Health Check Up Camp, Ambulance Service DR. BAMU Aurangabad	DR. BAMU Aurangabad	6	1
Dec.2022	AIDS Awareness Programme Health Centre, Gandheli	Health Centre, Gandheli	60	10
Dec.2022	Health Check-up Camp N-11 Municipal Hospital Aurangabad	N-11 Mncipal Hospital Autangabad	6	3
Dec.2022	AIDS Awareness Programme MGM RHTC Ellora	MGM RHTC Ellora	2	4
Dec.2022	AIDS Awareness Programme Primary Health Canter Daulatabad	Primary Health Canter Daulatabad	4	2
Jan.2023	Health Check-up Camp Bhim Nagar Aurangabad	Bhim Nagar Aurangabad	9	2
Jan.2023	Multi Diagnostic Camp Bokud Jalgaon	NSS, MGM Medical College, Aurangabad	7	14
Jan.2023	Multi Diagnostic Camp Health Centre Waluj	Health Centre Waluj	7	5
Jan.2023	Leprosy Awareness Programme & Poster Exhibition MGM OPD Aurangabad	MGM OPD Aurangabad	4	8
Feb.2023	Leprosy Awareness Programme & Poster Exhibition RHTC Khultabad	RHTC Khultabad	8	2
Feb.2023	Leprosy Awareness Programe & Poster Exhibition RHTC Ellora	RHTC Ellora	4	2
March.2023	Leprosy Awareness Programme & Poster Exhibition PHC Daulatabad	PHC Daulatabad	4	2
March.2023	Leprosy Awareness Programme & Poster Exhibition UHTC Ajabnagar	UHTC Ajabnagar	4	3
March.2023	Multi Diagnostic Camp Health Centre Waluj	Health Centre Waluj	4	3
March.2023	Multi Diagnostic Camp, Health Centre Waluj	Health Centre Waluj	7	3
March.2023	Health check-up Camp, Sindon Village, A'bad	Sindon Village, Aurangabad	4	3
April.2023	Radio talk on WHO Day 2023	MGM FM Radio	0	1
April.2023	World malaria day poster exhibition 2023, Health Centre Waluj	Health Centre Waluj	2	2
April.2023	World malaria day poster exhibition 2023, PHC Daulatabad	PHC Daulatabad	3	1

Activity	Name of the estivity	Organising unit/ agency/ collaborating		articipated in vities
Date	Name of the activity	agency	Student	Teacher
April.2023	National Immunization week awareness drive, 2023, Health Centre, Waluj	Health Centre, Waluj	2	2
April.2023	National Immunization week, Street Play, MGM OPD	MGM OPD	25	10
April.2023	World Malaria day 2023, Health Centre, Gandheli	Health Centre, Gandheli	2	2
April.2023	Radio talk on World Malaraia Day 2023	MGM FM Radio	0	1
May.2023	World Hypertension Day 2023, PHC, Daulatabad	PHC, Daulatabad	4	3
May.2023	World Hypertension Day 2023, RHTC, Ellora	RHTC, Ellora	4	3
June.2023	World Anti-tobacco day 2023 Awareness Program, RH, Khultabad	MGM OPD	4	4
June.2023	World Anti-tobacco day 2023 Awareness Program, RH, Khultabad	RH, Khultabad	11	3
June.2023	World Anti-tobacco day 2023 Awareness Program, PHC Daulatabad	PHC Daulatabad	3	2
June.2023	World Environment Day Cleanliness Drive, MGM Campus, A'bad	MGM Campus, A'bad	44	4
June.2023	World Environment Day Poster Exhibition, MGM OPD	MGM OPD	34	4
June.2023	World Environment Day Poster Exhibition, Health Centre, Waluj	Health Centre, Waluj	3	2
June.2023	World Environment Day Poster Exhibition, RH, Khultabad	RH, Khultabad	10	2
June.2023	World Environment Day Poster Exhibition, RHTC, Ellora	RHTC, Ellora	4	3
June.2023	World Environment Day Poster Exhibition, UHTC, Ajabnagar	UHTC, Ajabnagar	3	2
June.2023	World Environment Day Poster Exhibition, Health Centre, Waluj	Health Centre, Waluj	2	2
June.2023	International Yoga Day 2023, Daultabad PHC	Daultabad PHC	4	1
June.2023	International Yoga Day 2023, RHTC Ellora	RHTC Ellora	8	4
June.2023	International Yoga Day 2023, RH Khultabad	RH Khultabad	7	1
June.2023	International Yoga Day 2023, Health Centre, Gandheli	Health Centre, Gandheli	2	2
June.2023	International Yoga Day 2023, MGM Yoga Centre	MGM Yoga Centre	30	4

Activity	Name of the activity	Organising unit/ agency/ collaborating	Number of participated in activities	
Date	Traine of the activity	agency	Student	Teacher
June.2023	International Yoga Day 2023, Health Centre, Waluj	Health Centre, Waluj	3	2
18.10.2022	Mahanagar Palika School, Silkmill Colony, Aurangabad	CAMP	-	Dr. Umesh Malu (SR)
11.10.2022	Harsh Nagar, Mahanagar Palika Hospital, Aurangabad	CAMP	ı	Dr. Syed Amjad Ali (SR)
29.11.2022	Matoshree old Age Home, Paithan Rod, AURANGABAD.	CAMP	-	Dr. Anjanwatik ar A. (SR) Dr. Kartik Doshi (JRI)
24.02.2023	Institute of Management & Research College NSS, Gandheli Village, A'bad.	CAMP	-	Dr. Priyanka More
Mar-22	Disability Diagnostic Camp	Pediatrics	20	5
2023 March	Down Syndrome Awareness	IAP Aurangabad	1	1

Extension Activities (Photograph)







National Nutrition Week Awareness At Ellora PHC



National Nutrition Week Awareness at Immunization OPD



Lions Club of Aurangabad Chikalthana
46th Free Plastic Surgery Camp



Lions Club of Aurangabad Chikalthana 46th Free Plastic Surgery Camp



Health Check up Camp 2022





World Leprosy Day





World Hypertension Day





Yoga Demonstration Activity/ International Yoga Day





World No-Tobacco Day





World Environment Day

Achievement/ Awards 2022-23

Name of the awards	Name of the Faculty//research scholars/studets received awards	Designation: (teachers/research scholars/studets)	Awarding Agency	Year of award
Frist Prize - Paper Presentation	Dr. Kanan Varsani	PG Student	SPOCICON 2023 10th MIDTERM Conference of Strabismus and Paediatric Ophthalmology society of india	June.2023
Second Prize - Paper Presentation	Dr. Niyati Shitut	PG Student	SPOCICON 2023 10th MIDTERM Conference of Strabismus and Paediatric Ophthalmology society of india	June.2023
Fellowship in Neonatology	Dr Gunjan Gandhi	PG Student	National Neonatology Forum	2023
Diplomate of American Boards of Orofacial Pain	Dr Amey Jayant Rathi	Assistant Prof	American board of orofacial pain	Jun-23
Indian Medical Association - life member	Dr. Anuj Satarkar	PG Student	indian medical association	2022-23
Indian Pharmacology Society - lifemember	Dr. Anuj Satarkar	PG Student	Indian pharmaclogy society	2023
Diabetes Educator	Dr. Shruti Chandra	Associate Prof	ICP & IAD	2023
National Association of pharmacology - life membership	Dr. Shruti Chandra	Associate Prof	National association of pharmacology	2023
Medical pharmacologist society LIFE MEMBERSHIP	Dr. Shruti Chandra	Associate Prof	Medical pharmacologist society	2023
InSc Membership	Dr. Shruti Chandra	Associate Prof	INSC	2023
Reviewer	Dr. Shruti Chandra	Associate Prof	INSC	2023
Young Researcher Award 2023	Dr. Shruti Chandra	Associate Prof	INSC	2023













Award / Achievement Certificates

Activity

Cm No	Don outro out	Toma	Title of the professional development		Dates: (from - to) (DD-MM-YYYY)		
Sr. No	Department	Туре	Programme organised for teaching staff	From	То	participants	
1	Anaesthesiology	Conference	SPANDAN-2023	22.01.2023	22.01.2023	200	
2	Biochemistry		Faculty Induction Program	17.01.2023	21.01.2023	155	
3	MEU	Workshop	Third Rewised Basic Course Workshop	28.02.2023	02.03.2023	30	
4	Paediatric	\mathcal{C}	Neonatal Resuscitation Program for Residents	27.03.2023	27.03.2023	20	
5	Anaesthesiology	Workshop	"URAP 2023" (Ultrasonography for Regional Anaesthesia & Pain)	30.04.2023	30.04.2023	45	
6	General Surgery	Conference	ENDOSURG 2023	17.06.2023	18.06.2023	400+	
7	OBGY	Symposium	"Gestational Diabetes Mellites (GDM)"	28.06.2023	28.06.2023	56	
8	Research Cell	Workshop	A Hands On Workshop on "Introduction to Zotero – A Reference Management Software"	30.06.2023	30.06.2023	30	
9	Innovation Incubation Centre	Workshop	"Accelerators / Incubation Opportunities For Students & Faculties (Early Stage Entrepreneurs)"	26.08.2023	26.08.2023	25	
10	General Medicine	Workshop	"Neurocritical Care Workshop"	26.08.2023	26.08.2023	40	
11	Biochemistry		National Interdisciplinary Research Conference – NIRCON-23	02.09.2023	03.09.2023	315	
12	Psychiatry	Workshop	"Kana, Matra, Kanmantra Counselling"	30.09.2023	30.09.2023	300+	
13	Radiology	Conference	1st Marathwada Radcon- 2023, Basic Course in Radiological Anatomy	01.10.2023	01.10.2023	250	
14	Ophthalmology	CME	UP-TO-DATE In IOL's	27-11-2022	27-11-2022	152	



SPANDAN-2023



NIRCON-2023



Innovation & Incubation Workshop



Innovation & Incubation Workshop



Neurocritical Care Workshop



Faculty Induction Program





Collaboration/Linkages

Title of the MoU	Name of Department	Name of the partnering institution/ industry /research lab/corporate house with contact details	Year of commencement	Duration in years
Clinical trial Opeartion	Pharmacology	Meticulous healthcare and research Services LLP /97668851171	2022	10 years
Clinical trial Opeartion	Pharmacology	Canvas Clinical researc services PVT LMT / 9326886738	2022	10 years
Clinical trial Opeartion	Pharmacology	Oxygen Clinical research and Services PVT LMT / 9284417019	2022	10 years
Clinical trial Opeartion	Pharmacology	Medexpress Clinical research Solution PVT LMT / 7620286181	2023	10 years
Clinical trial Opeartion	Pulmonary Medicine	Cipla	2022	01 Year
Clinical trial Opeartion	Pulmonary Medicine	Novotech	2023	01 Year
Clinical trial Opeartion	Obstetrics and Gynecology Department	hetero healthcare ltd	2023	01 Year
Clinical trial Opeartion	Medicine	Karveer Meditech Pvt Ltd/Pristyn Research Solutions	2023	01 Year
Clinical trial Opeartion	Department of Medicine	WOCKHARDT LIMITED	2023	01 Year
Clinical trial Opeartion	Department of Nephrology	KEZAR life sciences (PPd pharmaceutical development india private limited)	2023	01 Year

Constituent Unit of MGM INSTITUTE OF HEALTH SCIENCES (Deemed University) ESTABLISHED UNDER SECTION 3 OF UG ACT1956 www.mgmuhs.com





MGM SCHOOL OF PHYSIOTHERAPY NAVI MUMBAI

MGM SCHOOL OF PHYSIOTHERAPY NAVI MUMBAI

MGM School of Physiotherapy was established in 2008 as a constituent unit of MGM Institute of Health Sciences (**Grade 'A**⁺⁺' by the **National Assessment and Accreditation Council**) by the **Mahatma Gandhi Mission (MGM) Trust.** MGM School of Physiotherapy works with a futuristic vision to provide quality education by applying innovative and dynamic pedagogical techniques for student training, promoting health and wellness programs for disease prevention, advancing biomedical and clinical research to prepare a strong scientific community for the future.

Graduate program of Bachelor of Physiotherapy (BPT) commenced in 2008 with an exclusive curriculum designed to train students with globally competent skills applicable to local needs of the people. The BPT program was well received by students across Mumbai, Navi Mumbai and rest of the country. Therefore, the intake of students was gradually increased from 50 in 2008 to 70 in 2013 to 100 in 2019 owing to risingratio of applications: intake capacity; and recognition of need of more number of Physiotherapists to provide for healthcare in urban and rural sectors of the country. Open day programs are conducted to orient prospective students about the program and encourage students to make an informed choice. The 1st batch of students qualified in 2012 and are placed in reputed institutions across the country and abroad; for higher education and clinical practice. The Institute encourages gender equality by offering equal opportunities to all and enhances student diversity by admitting students form all zones of the nation through a robust merit-based admission process.

The Master's program in Physiotherapy (MPT) commenced in 2008 with a focus to train Physiotherapy graduates in niche specializations and contribute to scientific body of knowledge through robust research projects. Specialization in Musculo-skeletal Physiotherapy, Neurophysiotherapy, Cardio-respiratory Physiotherapy, Sports Physiotherapy and Preventive and Community Physiotherapy, provides aspiring graduates a wide range of subjects for choice. MGMSOP collaborates with national and international institutes of repute such as BETiC IIT-Bombay, IIT- Madras, Indian Institute of Science, Bangalore, Kaivalyadham Yoga Institute, Lonavala, Cardiff University, United Kingdom; University of Sydney, Australia, Queens University, Canada in order to strengthen student training and research. MGMSOP commenced the doctoral program in Physiotherapy in 2010, when very few universities were offering PhD program in India. Currently, 9 PhD students are pursuing research projects addressing a wide range of current health problems related to non-communicable disorders and evidence based education.

Highlights of the CBCS Curriculum

Since the establishment of the first Physiotherapy School in South East Asia at Seth G.S. Medical College and K.E.M. Hospital, Mumbai, 66 years later, 37 km away, MGM School of Physiotherapy established Physiotherapy programs following the CBCS system for the which is in alignment with University Grants Commission Guidelines. Choice Based Credit System (CBCS) was initiated by UGC in all Indian Universities to enhance academic standards and quality in higher education through innovation and improvements in curriculum, teaching-learning process, examination and evaluation systems. The main highlight of the CBCS curriculum is that it introduces academic flexibility, freedom in designing the evaluation

methods and teaching—learning methods and adopts a system for awarding grades based on the performance of students as against the conventional system of marks.

The grading system is considered to be better than the conventional marks system and hence it has been adopted in top institutions across India and abroad. Introduction of a uniform grading system facilitates student mobility across institutions within and across countries and also enables potential employers to assess the performance of students. The Bachelor in Physiotherapy (BPT) program of four and half years' duration and offers 184 credits. The Master in Physiotherapy (MPT) program of two years' duration which offers 90-94 credits.

Additionally, we have integrated learning outcome-based framework into the curriculum for undergraduate education as suggested by the UGC. Learning outcomes-based approach specifies graduate attributes expected out of graduate and post graduate scholars. The BPT degree is awarded based on demonstration of achievement of outcomes in terms of knowledge, skills, attitudes and values and academic standards. The expected learning outcomes help define the graduate attributes, qualification descriptors, program learning outcomes, course learning outcomes, curriculum planning and revision, design and delivery of content. These outcomes are achieved through the use of various student centric active-learning pedagogies for example integrated learning, experiential learning opportunities, participatory learning, project based learning, patient centric, evidence based learning, role play and transition to blended mode of learning during the COVID- 19 pandemic.

The BPT and MPT CBCS Curricula have been designed with reference to National Education Policy 2020, guidelines of Ministry of Health, existing curriculum of state Universities within the country, generic guidelines of University Grant Commission, global guidelines for curriculum, input from experts in the field of Physiotherapy and feedback from stakeholders namely students, teachers, alumni, employers and professionals to remain in consonance with the spirit of choice-based credit system and learning objective based curriculum.



The courses of the BPT and MPT program are structured such that learning is vertically and horizontally integrated into the curriculum. The CBCS curriculum offered by MGM School of Physiotherapy offers a certain degree of flexibility in taking courses. Course learning is aligned to the program learning outcomes and graduate attributes.

The BPT program is inclusive of 9 semesters in rise of 54 core courses and 28 weeks of compulsory rotatory internship, (122 Credits), 5 ability enhancement compulsory courses (AECC-12 credits), 6 ability enhancement elective courses (AEEC-6credits) and 12 discipline specific skill electives (SEC-12 credits) and 2 generic electives (GEC-2 credits). Practical training in semester V to VIII places emphasis on specific skill training on healthyadults as well as patients, in order to gain core competences. Supervised clinical training (CLT) is included in each semester (30 credits).

The MPT program is inclusive of 4 semesters inclusive of 12 core courses, (35 Credits), 6 ability enhancement compulsory courses (AECC- 14 credits), 6 ability enhancement elective courses (AEEC – 6 credits) and 3 discipline specific skill electives (SEC – 4 credits) and 2 generic electives (GEC – 2 credits). Clinical training (CLT) is included in each semester (22 credits). Research project is a mandatory requirement for award of the Master's degree (7 credits). In addition to the core courses, our elective courses such as Intellectual Property Rights, Scientific writing, Exercise Psychology and Radiological diagnosis offer a very specific or advanced study of a specific domain which provides an extended scope of practice or enables exposure to some other skill or competency.

Evaluation of the courses varies as appropriate to the subject area and includes formative and summative assessment, ongoing comprehensive assessment in the form of closed and open book tests, objectively structured practical examination (OSPE), objectively structured clinical examination (OSCE), problem-based assignments, practical assignments, observation of practical skills, project reports, case reports, viva, seminars, essays, and others.

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 committed to extend our services to the urban & rural community neighboring MGM Institute of Health Sciences, Navi Mumbai and rest of the country and world.



Programs:

Programs	Duration in years	Academic Year	Intake	Admissions
Bachelor of	4 and	2022-23	100	100
Physiotherapy	half			
BPT (CBCS)				
Master of	2	2022-23	12	10
Physiotherapy				
MPT (CBCS)				
PhD	3 (full time)	2022-23	8	6

Bachelor of Physiotherapy (BPT) program

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

Master of Physiotherapy (MPT) Program

The full time Master's Degree program is of two years' duration and focuses on gaining advanced knowledge and exclusive Physiotherapeutic skills in 4 specialty programs based on 4 clinical specialties.

Specialties:

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

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

Doctor of Philosophy (PhD): PhD program in Physiotherapy commenced in 2010. Currently 4 students enrolled in PhD program are working on their research projects at MGM School of Physiotherapy, Navi Mumbai.

Details of Teaching Faculty:

Sr.		Staff Strength			
No.	Designation	Requirement as per MSOTPT	Actual (Existing)		
1.	Professor	6	2		
2.	Associate Professor	10	5		
3.	Assistant Professor/Lecturer	17	19		

Sr. No.	Name of the Full Time Teacher	Designation	Date of Appointment	Specialty
1.	Dr Rajani Mullerpatan	Professor	01.07.2008	Musculoskeletal Physiotherapy
2.	Dr. Bela Agarwal	Professor	11.04.2012	Cardiovascular and Respiratory Physiotherapy
3.	Dr. Amrita Ghosh (PT)	Associate Professor	03.10.2019	Neurophysiotherapy
4.	Dr Triveni Shetty	Associate Professor	03.08.2015	Neurophysiotherapy
5.	Dr Ruturaj Shete (PT)	Associate Professor	17.07.2017	Musculoskeletal Physiotherapy
6.	Dr. Mamta S Shetty (PT)	Associate Professor	07.10.2017	Musculoskeletal Physiotherapy
7.	Dr. Shrutika Parab (PT)	Associate Professor	07.10.2017	Neurophysiotherapy
8.	Dr. Hiranmayee Bagwe (PT)	Assistant Professor	01.03.2019	Cardiovascular and Respiratory Physiotherapy
9.	Dr. Payal Murkudkar (PT)	Assistant Professor	01.03.2019	Cardiovascular and Respiratory Physiotherapy
10.	Dr. Pooja Dogra (PT)	Assistant Professor	01.06.2019	Neurophysiotherapy
11.	Dr. Bhoomika Sawant (PT)	Assistant Professor	26.08.2019	Cardiovascular and Respiratory Physiotherapy
12.	Dr. Hiloni Badani (PT)	Assistant Professor	13.09.2021	Musculoskeletal Physiotherapy
13.	Dr. Akhila Natesan (PT)	Assistant Professor	13.09.2021	Cardiovascular and Respiratory Physiotherapy
14.	Dr. Aamreen Ryain (PT)	Assistant Professor	1.01.2022	Neurophysiotherapy
15.	Dr. Victoria Kuttan (PT)	Assistant Professor	7.01.2022	Musculoskeletal Physiotherapy
16.	Dr. Aarohi Joshi (PT)	Assistant Professor	1.06.2022	Cardiovascular and Respiratory Physiotherapy
17.	Dr. Kshitija Jadhav (PT)	Assistant Professor	10.06.2022	Musculoskeletal Physiotherapy

18.	Dr. Ramandeep Saini (PT)	Assistant Professor	15.06.2022	Community Physiotherapy
19.	Dr. Neha Padia (PT)	Assistant Professor	16.06.2022	Neurophysiotherapy
20.	Dr. Krutika Gawde (PT)	Assistant Professor	12.08.2022	Neurophysiotherapy
21.	Dr. Viral Sarvaiya (PT)	Assistant Professor	30.11.2022	Community Physiotherapy
22.	Dr. Gargi Mishra (PT)	Assistant Professor	20.02.2023	Community Physiotherapy
23.	Dr. Shrutika Sawant (PT)	Assistant Professor	20.02.2023	Community Physiotherapy
24.	Dr. Anubhuti Jha (PT)	Assistant Professor	20.02.2023	Musculoskeletal Physiotherapy
25.	Dr. Humeira Payak (PT)	Assistant Professor	20.02.2023	Sports Physiotherapy
26.	Dr. Prerna Ghodke (PT)	Assistant Professor	13.03.2023	Musculoskeletal Physiotherapy

Details of Non-teaching personnel of the Institution:

Sr. No.		Name of Institution				
51.110.	Name of institution			c of institution	Sanctioned	Filled
1.	MGM	School	of	Physiotherapy, Navi Mumbai	04	04

Number of faculty development programmes organized by the college uring the last one year:

Sr. No.	Name of Institution	Date	Seminar/Workshops/Symposia On Curricular Development, Teaching Learning, Assessment etc.			
			2022-23			
	MGM School of Physiotherapy, Navi Mumbai	24-01-2023	Development of E-lecture, video PowerPoint Presentation			
2.	MGM School of Physiotherapy, Navi Mumbai	25-01-2023	Paper setting and Framing of structured questions			
	Value Added Courses					
	MGM School of	24-09-2022, 1-10-2022,	3D Gait Analysis			
	Physiotherapy, Navi Mumbai	8-10-2022, 1-4-2023, 8-4-2023, 15-4-2023 to 22-4-2023,				
	MGM School of Physiotherapy, Navi Mumbai	10-09-2022,11-09-2022, 17-09-2022,18-09-2022, 24-09-2022 to 25-09-2022, 01-10-2022 to 02-10-2022, 08-10-2022 to 09-10-2022, 15-10-2022 to 16-10-2022, 29-10-2022 to 30-10-2022, 05-11-2022 to 06-11-2022	Snapping Moves			
٠.	MGM School of Physiotherapy, Navi Mumbai	01-12-2022 to 10-12-2022, 12-12-2022 to 24-12-2022 26-12-2022 to 30-12-2022	Functional Ergonomics			
٠.	MGM School of Physiotherapy, Navi Mumbai	03-04-2023 to 22-04-2023	Biomedical Waste Management			

Sr. No.	Faculty Name	Designation	Programme/Training Attended
1.	Dr Rajani Mullerpatan	Professor	 MGMIHS Faculty Development Program Mentor MEDHA 2023 Convener MEDHA 2023
2.	Dr. Bela Agarwal	Professor	 Online clinical case presentation for MPT students MGMIHS Faculty Development Program Heart code complete BLS provider Physiotherapy in ICU: Simulation based skills training Mentor MEDHA 2023
3.	Dr. Amrita Ghosh (PT)	Associate Professor	 Multidisciplinary research- An approach to sustainable health care solution MGMIHS Faculty Development Program
4.	Dr. Triveni Shetty	Associate Professor	 NICE Encore: Cerebral palsy, together we care Mentor MEDHA 2023
5.	Dr. Ruturaj Shete (PT)	Associate Professor	 All India Sports Dental Summit Multidisciplinary research- An approach to sustainable health care solution
6.	Dr. Mamta S Shetty (PT)	Associate Professor	 Designing course and course outcomes session Faculty development program: AI for educators Multidisciplinary research- An approach to sustainable health care solution MGMIHS Faculty Development Program National IPR
7.	Dr. Shrutika Parab (PT)	Associate Professor	 Multidisciplinary research- An approach to sustainable health care solution Online 2-Week Interdisciplinary Refresher Course Managing Online Classes & Co-creating MOOC 25.0
8.	Dr. Hiranmayee Bagwe (PT)	Assistant Professor	 Physiotherapy in ICU: Simulation based skills training Online 2-Week Interdisciplinary Refresher Course Managing Online Classes & Co-creating MOOC 25.0
9.	Dr. Payal Murkudkar (PT)	Assistant Professor	 Multidisciplinary research- An approach to sustainable health care solution Heart code complete BLS provider and Instructor ACLS provider Physiotherapy in ICU: Simulation based skills training
10.	Dr. Pooja Dogra (PT)	Assistant Professor	 Multidisciplinary research- An approach to sustainable health care solution Assistive technology- A new era in the rehabilitation
11.	Dr. Bhoomika Sawant (PT)	Assistant Professor	 Multidisciplinary research- An approach to sustainable health care solution MGMIHS Faculty Development Program Physiotherapy in ICU: Simulation based skills training

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12.	Dr. Akhila Natesan (PT)	Assistant Professor	 Multidisciplinary research- An approach to sustainable health care solution Overview of programmatic assessment National IPR Heartcode BLS provider and instructor ACLS provider
13.	Dr. Aamreen Ryain (PT)	Assistant Professor	- MGMIHS Faculty Development Program
14.	Dr. Victoria Kuttan (PT)	Assistant Professor	 Innovation mela, Magnum 2022- "Sculpt to help the rural" Multidisciplinary research- An approach to sustainable health care solution MGMIHS Faculty Development Program Organizing committee MEDHA 2023 Team leader MEDHA 2023 Overview of programmatic assessment National IPR
15.	Dr. Aarohi Joshi (PT)	Assistant Professor	 Multidisciplinary research- An approach to sustainable health care solution MGMIHS Faculty Development Program Physiotherapy in ICU: Simulation based skills training
16.	Dr. Kshitija Jadhav (PT)	Assistant Professor	 Innovation Mela, Magnum 2022- "Sculpt to help the rural" Assistive technology- A new era in the rehabilitation Mentor MEDHA 2023 Organising committee MEDHA 2023
17.	Dr. Ramandeep Saini (PT)	Assistant Professor	 MGMIHS Faculty Development Program A paradigm shift in holistic health of women
18.	Dr. Neha Padia (PT)	Assistant Professor	 MEDIC Multidisciplinary research- An approach to sustainable health care solution MGMIHS Faculty Development Program Organising committee MEDHA 2023 Team leader MEDHA 2023 Overview of programmatic assessment National IPR
19.	Dr. Krutika Gawde (PT)	Assistant Professor	Assistive technology- A new era in the rehabilitationMGMIHS Faculty Development Program

Ongoing / completed Research projects:

Sr. No.	Name of Institution	Ongoing	Completed
1	MGM School of Physiotherapy, Navi Mumbai	Undergraduate - 22 Post graduate - 18 PhD - 9	Undergraduate - 19 Postgraduate - 28 PhD:-1

Name of Institution	International Journals	National Journals/ Referred Papers	University / College Journals	Books	Abstracts	Awards, Recognition Patents etc.
MGM School of Physiotherapy, Navi Mumbai	14	3	0	1 Book & 1 book Chapter	0	Awards& Recognition -13 Patents :3 (1-granted & 2- registered)

Research Publications:

Sr. No	Year of Publication	Subject of paper	Name of the Teacher/ Student	Name of Journal	National / International
1.	September 2022	Assessment and comparison of agility in cricketers depending on their playing position –an observational pilot study	Shloka Jaywant, Dr. Victoria Kuttan (PT)	International Journal of Science & Healthcare Research	International
2.	January 2023	Physical Therapy Based Early Intervention in Limb-Girdle Muscular Dystrophy Recessive-23	Ms. Chetna Kunti, Dr. Aamreen Ryain (PT), Dr. Pooja Dogra (PT) Dr. Amrita Ghosh (PT), Dr. Shrutika Parab (PT)	Indian Journal of Paediatrics	National
3.	February 2023	Influence of work, home, and lifestyle related factors during COVID-19 lockdown on presentation of pain and functional status among school teachers with chronic nonspecific low back pain-An online survey	Dr. Anisha Gulati (PT), Sharwari Sardeshmukh, Suruchi Sawant, Seeba Mohamed, Avani Shah, Shreya Salunkhe	International journal of Physiotherapy and Research	International
4.	February 2023	Factors influencing health-related quality of life, return to work and optimal utilization of cardiac rehabilitation in adults with cardiac disorders- A literature review	Dr. Payal Murkudkar (PT), Dr. Bela Agarwal, Dr. Rajani Mullerpatan	Critical Reviews [™] in Physical and Rehabilitation Medicine	International
5.	February 2023	Evidence- base for effect of dance therapy on functioning in children with Neuro motor disorders	Dr. Akhila Natesan (PT), Dr. Triveni Shetty, Dr. Shrutika Parab (PT), Dr. Rajani Mullerpatan	Critical Reviews [™] in Physical and Rehabilitation Medicine	International

		Influence of work, home,			International
6.	February 2023	and lifestyle related factors during COVID-19 lockdown on presentation of pain and functional status among school teachers with chronic nonspecific low back pain-An online survey	Dr. Anisha Gulati (PT), Sharwari Sardeshmukh, Suruchi Sawant, Seeba Mohamed, A vani shah, Shreya Salunkhe	International journal of Physiotherapy and Research	incinational
7.	March 2023	Gross motor function profile of children with cerebral palsy in a low- resource setting: A call for reflection on the model of Care	Dr. Triveni Shetty, Sailakshmi Ganesan, Ashok Johari, Dr. Rajani Mullerpatan	Journal of Pediatric Rehabilitation Medicine	International
8.	March 2023	Effect of low intensity transcutaneous electrical nerve stimulation (TENS) on vastus medialis obliquus muscle activation for reduction in pain and improvement in function in patients with chronic osteoarthritis of knee joint	Dr. Mamta Shetty (PT), Dr. Rucha Pradhan (PT), Sidra Shaikh, Trishala Singh, Trupti Shetty, Sneha Venkatraman	International Journal of Recent Scientific Research	International
9.	March 2023	Effect of 12-week Sports Intervention Program on physical fitness and sports performance in individuals with spinal cord injury	Dr. Bela Agarwal, Dr. Shrutika Parab (PT), Oshin Amberkar and Dr. Rajani Mullerpatan	Indian Journal of Physiology and Pharmacology	National
10.	March 2023	Health-related Quality of Life of people with Chronic Kidney Disease in Low and Middle- Income Countries- A literature review	Dr. Bela Agarwal Dr. Rajani Mullerpatan Aarohi Joshi Dr. Aditya Nayak Dr. Sudhir Kulkarni	Critical Reviews [™] in Physical and Rehabilitation Medicine	International
11.	March 2023	Predictive equation for 6-minute walk test to test cardiorespiratory endurance in Indian children, adolescents, and adults	Dr. Bela Agarwal, Monal Shah, Dr. Bhoomika Sawant (PT), Dr. Hiranmayee Bagwe (PT), Dr. Payal Murkudkar (PT), Dr. Rajani Mullerpatan	Lung India	National
12.	April 2023	Information/education page, "Awake Repositioning/ Proning Protocol"	Nikita Jagtap, Dr. Bela Agarwal, Dr. Hiranmayee Bagwe (PT), Dr. Payal Murkudkar (PT)	Archives of Physical Medicine and Rehabilitation	International
13.	April 2023	Early detection and therapeutic intervention to maximize functioning in	Dr. Rajani Mullerpatan and Dr. Bela Agarwal	Critical Reviews [™] in Physical and	International

14.	April 2023	children and adults with non-communicable diseases associated with disability: challenges & solutions Evidence base for effect of team sports on physical, psychological and social function in children with neuromotor impairment:	Dr. Victoria Kuttan (PT), Dr. Triveni Shetty, Dr. Shrutika Parab (PT), Dr. Bela Agarwal, Dr. Rajani	Rehabilitation Medicine Critical Reviews TM in Physical and Rehabilitation	International
15.	April 2023	Review on physical signs, biochemical and radiological biomarkers for detection of Prodromal Parkinson's disease	Mullerpatan Dr. Shrutika Parab (PT), Dr. Rajani Mullerpatan, Mrs. Vipla Puri, Dr. Mary Anne J. Joseph, Dr. Aarti Kulkarni	Critical Reviews TM in Physical and Rehabilitation Medicine	International
16.	April 2023	Comparison of Palmar Abduction in three wrist positions among healthy adults using conventional goniometer	Dr. Anisha Gulati (PT), Dr. Rajani Mullerpatan, Karna Ratish	International Journal of Current Advanced Research	International
17.	April 2023	Incentive Spirometer to Improve Lung Function in Patients with Chronic Lung Disease: A Patient Guide	Dr. Bela Agarwal, Devika Bhosale, Dr. Payal Murkudkar (PT), Dr. Hiranmayee Bagwe (PT)	Archives of Physical Medicine and Rehabilitation	International

Details of Books and Guidelines:

Sl.no	ISBN/ISSN number	Title of book/ chapters	Author-name	Journal-name	Year
1	ISBN: 978- 93-94799- 04-2	Suryanamaskar: Facts and Finds	Dr. Rajani Mullerpatan, Girish Nehete, Dr. Bela Agarwal, Dr. Triveni Shetty	Codex International Publishers	2022
2	-	ICP Monogram of Digital Technology in Clinical Medicine chapter titled Role of Technology in Rehabilitation	Dr. Rajani Mullerpatan	Indian College of Physicians (Academic wing of Association of Physicians of India)	2023

Details of Abstracts published: 3

Sr. No	Year of Publication	Subject of paper	Name of the Teacher/ Student	Name of Journal	National / International
1	2022	Effect of Low Intensity Transcutaneous Electrical Nerve Stimulation (TENS) on Vastus Medialis Obliques Muscle	Dr. Mamta Shetty (PT), Dr. Rucha Pradhan (PT)	Journal of Society of Indian Physiotherapists	National
2	2023	Disability, Validation studies, Cancer: AB No: 57 MGM Knowledge, Attitude and Practice Tool for primary caregivers of children with cerebral palsy: development and validation	Dr. Triveni Shetty; Dr. Sailakshmi Ganesan; Dr. Rajani Mullerpatan	Journal of Society of Indian Physiotherapists	National
3	Biomechanical, biochemical and structural adaptations of knee articular cartilage to varying magnitude of squat exposure		Dr. Bela Agarwal, Dr. Rajani Mullerpatan, Dr. Raman Yadav, Preeti Kapoor,	Journal of Society of Indian Physiotherapists	National

Details of Copyright:

Sr. No.	Invention Title	Name of Inventors	Copyright Registration Number	Applied/ Registered
1.	Objective Structured Practical Evaluation (OSPE) to assess competency of Bachelor of Physiotherapy graduates in Human Physiology course	Dr. Bela Agarwal, Dr. Hiranmayee Bagwe (PT), Dr. Shrutika Parab (PT), Dr. Rajani Mullerpatan	L-116834/2022	Registered
2.	MGM Osteoporosis Risk Assessment Questionnaire	Dr. Rajani Mullerpaan, Dr. Triveni Shetty, Dr. Poonam Desai	L-124795/2023	Registered
3.	MGM's video-graphic dimensional method to measure temporo-mandibular joint kinematics	Dr. Rajani Mullerpaan, Dr. Triveni Shetty, Bhumika Adsul	26543/2022- CO/L	Applied

Details regarding Extramural projects:

Sr. No	Project Title	Principal Investigator	Funding Agency/ Institutes	Amount received/ not received	Status
1.	Prevention and Management of Disability: Translational research is the need of the hour	Dr. Rajani Mullerpatan	Shastri conference and Lecture series Grant	Received (INR 25,000/-)	Completed
2.	Telemonitoring of physical function and distance-rehabilitation of community dwelling elderly people	Poonam Desai Dr. Rajani Mullerpatan	Department of Science & technology, New Delhi, India	Amount sanctioned - 3042600 Amount received (10,37,200)	Ongoing
3.	Development of mobile technology (Detect, Rehabilitate And Monitor DREAM): empowerment of primary care takers of children with cerebral palsy	Dr. Rajani Mullerpatan, Dr. Sailakshmi Ganesan, Dr. Triveni Shetty, Dr. Vijay Bhosale, Dr. Revati Natesan	Rajiv Gandhi Science and Technology Commission ((RGSTC), Govt. of India: 2021	Amount sanctioned - 225400 Amount received (16,49000)	Ongoing
4.	Evaluation and treatment intervention for foot disorders in children with Neuromotor impairments	Dr. Rajani Mullerpatan, Dr. Triveni Shetty,	Aastha Hospital- CORD	Amount sanctioned 5,00,000	Ongoing
5.	Rehabilitation and awareness of Dementia in Indian Community	Dr. Amrita Ghosh (P.T), Dr. Rajani Mullerpatan	Sinha Agency, Dist. Murshidabad, West Bengal	Amount sanctioned 2,00,000	Ongoing
6.	Influence of expiratory yoga techniques on respiratory function, physical activity, quality of life, and length of hospital stay in patients with pleural disorders: A Randomized Controlled Trial	Dr. Shwelita Mehta (P.T), Dr. Bela Agarwal	Society of Indian Physiotherapist	Amount sanctioned INR 25,000/- Amount received INR 15,000	Ongoing
7.	Integrated Geriatric Training: Targeted to address 5 Geriatrics Giants: Immobility, Instability, Incontinence, Impaired cognition & Insomnia	Dr. Rajani Mullerpatan	Department of Health Research	Amount sanctioned INR 37,26,000 Amount received – 9,67,000	Ongoing

No. of Collaborations/Linkages:

Sr.	Collaborations	Duration	National/	Purpose/ Output
No.			International	
1	World Spine Care (WSC), Europe	2013-16 Renewed 2016-2021	International	Certificate Program Funded PhD Studentship 10 Publications International Spine Conference 3 Student Training Workshops and 2 Webinar
2	International Society of Biomechanics, USA	2013-Open	International	Equipment support at MGM Centre of Human Movement Science 3 Publications
3	University of Sydney, Australia	Open MOU	International	Student and Faculty Training Seminar 2 Publication Student Exchange Program-In process
4.	BETiC, IIT-Bombay, Mumbai	Open MOU	National	Equipment support (on loan) at MGM Centre of Human Movement Science 3 Joint Patents filed, 1 patent granted Interdisciplinary Projects and Technology validation Student participation at eMedha Training Workshop DBT Funding 1 Publication Visit of faculty members to IIT Bombay for BETiC annual review meet. Faculty member Dr. Neha Padia participated and won sponsorship of 27,500 at the 7th Medical device innovation course organised by BETIC, IIT Bombay on 2nd October 2022. A 16-hour course on Clinical Biomechanics was organized by MGM Centre of Human Movement Science. MGM School of Physiotherapy, MGM Institute of Health Sciences, Navi Mumbai on 07/02/2023 and 08/02/2023. 6 M. Tech students and 1 P.h.D student from IIT Bombay attended the workshop. • Dr. Darshan Shah (Assistant Professor, IIT Bombay) spoke on the interesting work done by him and his team in field of 'In-Vitro Biomechanics'. • Mr. Arun Krishnan (Senior Project Manager- BETiC IIT Bombay) delivered an inspiration didactic session

				an (Diamanhanian C Tarlanalaran
				on 'Biomechanics & Technology-Continuum from clinical needs to entrepreneurship'. 4 undergraduate students from IIT Bombay were given a problem statement to design a prototype device to measure strength of foot instrinsic muscles. They were guided by Dr. Rajani Mullerpatan- Professor Director, Dr. Bela Agarwal- Professor-HOD, Cardiorespiratory Physiotherapy, Dr. Triveni Shetty -Associate Professor, Dr. Victoria Kuttan (PT)- Assistant Professor through focus group discussion and online meeting on discussion(offline) on 08/03/2022, 31/03/2023 04/04/2023 and 5/05/2023. MGM School of Physiotherapy hosted stage 1 MEDHA organized by Bioengineering and Technology Incubation Centre (BETiC), IIT Bombay .6 faculty members (Dr Rajani Mullerpatan, Dr Bela Agarwal, Dr Triveni Shetty, Dr Kshitija Jadhav (PT), Dr Victoria Kuttan (PT) and Dr Neha Padia (PT) were involved in organizing and mentoring the participant.3 students and 2 faculty members particiapted in MEDHA. The event took place at MGM Centre of Human Movement Science from 20th -
5.	Kaivalyadhama Yoga Institute, Lonavala	Open MOU	National	27th May 2023. Online-Meetings were conducted for discussing a collaborative project in patients suffering from Covid -19 patients for funding
6.	Ratna Nidhi Charitable Trust	Open MOU	National	Collaborative Research and Patient Care
7.	Shri Vithal Education and Research Institute (SVERI) & MGM School of Physiotherapy	2022-2027	National	Collaborative Research for device development and technology validation. Visit of two faculty member from SVERI Institute for discussion regarding development of a device to measure paediatric hand muscle strength and a device to measure respiratory muscle strength in October 2022 A team of one faculty member, two
				skilled technicians from SVERI Institute

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				and two faculty members from MGM School of Physiotherapy conducted pilot testing of the device on 15 participants in January 2023.
8.	Mahatma Education Society's Pillai College of Engineering	2022-2027	National	Collaborative Research for device development and technology validation. MGM CHMS lab tour was given to 7 undergraduate Students and 2 faculty members from Pillai College of Engineering, Navi Mumbai in January with a view to stimulate interest among students to innovate devices in January 2023. 3 faculty members (Dr Rajani Mullerpatan (Professor Director) 2) Dr Bela Agarwal (Professor - HOD Cardiorespiratory Physiotherapy department) 3) Dr Triveni Shetty (Associate Professor) visited to Pillai College of Engineering to Discuss research question with students of mechanical engineering stream Two faculty and 3 undergraduate students from Pillai College of Engineering, Navi Mumbai attended a 16-hour long workshop on Clinical Biomechanics conducted at MGM Centre of Human Movement Science lab by MGM School of Physiotherapy in February 2023. Pillai College of Engineering co-hosted MEDHA event along with MGM School of Physiotherapy from 20th-27th May 2023. Six faculty members were involved in mentoring and as jury members at MEDHA 2023. 7 students from Pillai College of Engineering participated in the event. Two faculty projects are now being considered for the development of a device to quantify face asymmetry and accessory joint motion in the spine. A faculty member (Prof Yogesh Kene) will be a subject consultant for PhD students project Dr. Victoria Kuttan for guidance in device development

Presentation of Research Papers:

Sr. No.	Name of Institution	National Seminars	International Seminars	Any Other Research Activity (Resource person)
1	MGM School of Physiotherapy, Navi Mumbai	5	2	12

Name of the teacher awarded fellowship, advanced studies, collaborati on research	Name of the award / fellowship / conference	National/ Internatio nal	Year of award of fellowship / advanced study / Conferen ce	Name of Awarding Agency	Participati on as Delegate / Chairpers on /Resources speaker / Guest Lecture	Financial support received
Dr. Rajani Mullerpatan	The International Maternal New born Conference (IMNHC), South Africa	Internatio nal	2023	AlignMNH Secretariat and the maternal newborn health community	Speaker and Delegate	88\$ per day sponsored by AlignMNH Secretariat and the maternal newborn health community Visa cost INR 2255/- by MGMIHS
Dr. Rajani Mullerpatan	Spine 20 Conference	Internatio nal	2023	EUROSPIN E	Speaker and Delegate	INR 21,178 /- by MGMIHS
Dr. Rajani Mullerpatan	SIPCON 7 th Annual Conference, Bhubaneshw ar	National	2023	Society of Indian Physiotherap ists	Speaker and Delegate	INR 22,931/- (reimburseme nt for Travel, registration cost and accommodati on)
Dr. Bela Agarwal	SIPCON 7 th Annual Conference, Bhubaneshw ar	National	2023	Society of Indian Physiotherap ists	Speaker and Delegate	INR 22,931/- (reimburseme nt for Travel, registration cost and accommodati on)

Dr. Triveni Shetty	SIPCON 7 th Annual Conference, Bhubaneshw ar	National	2023	Society of Indian Physiotherap ists	Speaker and Delegate	INR 23,521/- (reimburseme nt for Travel, registration cost and accommodati on)
Dr. Neha Padia (PT)	MEDIC 2022, organized by BETIC IIT Bombay	National	2022	BETIC IIT Bombay	Delegate	INR 27,500/- Sponsorship under MEDIC 2022- BETIC IIT Bombay
Dr. Triveni Shetty	Awarded PhD	-	2022	MGM Institute of Health Sciences, Navi Mumbai	-	INR 65,000/- supported by MGMIHS
Dr. Bela Agarwal Dr. Akhila Natesan	Basic Life support Provider					
Dr. Payal Murkudkar (PT)	Heart code complete BLS provider and Instructor ACLS provider	Internation al	2023	American Heart Association	Delegate	Nil
Dr. Shrutika Parab (PT)	Online 2- Week Interdisciplin ary Refresher Course	National	2023	Ramanujan College, University of	Delegate	INR 1450/- each faculty member
Dr. Hiranmayee Bagwe (PT)	Managing Online Classes & Co-creating MOOC 25.0			Delhi	Zoogato	(Total- INR 2900/-)

Details of Resource Person:

Name of the faculty	Designation	Details of the Conference	Organising Agency	Title of the chaired session	Date and Duration	Venue
Dr. Rajani Mullerpata n	Professor- Director	The International Maternal New Born Conference (IMNHC), South Africa	AlignMNH Secretariat and the maternal newborn health community	"Movement: In Healthcare systems for Health and Wellness".	8 th May - 11 th May 2023	Capetown, South Africa
Dr. Rajani Mullerpata n	Professor- Director	NICE coference on Rehabilitatio n, Chennai	St. Isabel Hospital, Chennai	3D Gait Analysis in Cerebral Palsy	15 th and 16 th Oct 2022	Chennai, India
Dr. Rajani Mullerpata n	Professor- Director	SIPCON 7 th Annual Conference, Bhubaneshw ar	Society of Indian Physiotherapis ts	"Quality research in physiotherapy where are we going wrong" Application for 2D motion capture in management of movement disorder	23- 25 th March 2023	Bhubaneshwar, India
Dr. Rajani Mullerpata n	Professor- Director	MGMIHS Faculty Development Program	MGM Institute of Health Sciences, Navi Mumbai	Patent Filing	January 2023 to 21st January 2023	Mumbai, India
Dr. Rajani Mullerpata n	Professor- Director	Kinesiocon 4 th National Conference, Pune	MAEER Pune's, College of Physiotherapy	Modern Methods of clinical Gait analysis	14 th April 2023	Pune, Maharashtra India
Dr. Rajani Mullerpata n	Professor- Director	National Level Webinar	Sumandeep Vidhyapeeth Centre for Evidence Based Education and Healthcare	Non- pharmacologic al management of Lifestyle Diseases	6 th June 2023	Vadodra, Gujarat
Dr. Bela Agarwal	Professor	SIPCON 7 th Annual Conference, Bhubaneshw ar	Society of Indian Physiotherapis ts	Application for 2D motion capture in management of movement disorder"	23- 25 th March 2023	Bhubaneshwar, India
Dr. Bela Agarwal	Professor	MGMIHS Faculty Development Program	MGM Institute of Health Sciences, Navi Mumbai	Experiences and Challenges in creating MOOC's	January 2023 to 21st January 2023	Mumbai, India

Dr. Bela Agarwal	Professor	Physiotherap y in ICU: Simulation based skills training	MGM Skills Lab in collaboration with The society of Cardiovascular and Pulmonary Rehabilitation	Energy cost of Activity	24 th - 25 th Februar y 2023	Navi Mumbai, Maharashtra
Dr. Triveni Shetty	Associate Professor	SIPCON 7 th Annual Conference, Bhubaneshw ar	Society of Indian Physiotherapis ts	Application for 2D motion capture in management of movement disorder"	23- 25 th March 2023	Bhubaneshar India
Dr. Hiranmayee Bagwe (PT)	Assistant Professor	Physiotherap y in ICU: Simulation based skills training	MGM Skills Lab in collaboration with the society of Cardiovascular and Pulmonary Rehabilitation	Early Mobility in ICU	24 th - 25 th Februar y 2023	Navi Mumbai, Maharashtra
Dr. Payal Murkudkar (PT)	Assistant Professor	Physiotherap y in ICU: Simulation based skills training	MGM Skills Lab in collaboration with The society of Cardiovascular and Pulmonary Rehabilitation	Mechanical Ventilators	24 th - 25 th Februar y 2023	Navi Mumbai, Maharashtra

Library:

Sr.		Number of Books		Number of Journals		
no.	Name of Institution	Text Books	Reference Books	National	International	E- Journals
1	MGM School of Physiotherapy, Navi Mumbai	901	163	1	5	1

No. of National / International Conferences organized by the Institution:

Sr. No.	Name of Institution	College	National	International
1	MGM Institute of Health Sciences, Navi Mumbai	MGM School of Physiotherapy, Navi Mumbai	0	0

Distinguished visitors / speakers to the institution:

Sr. No	Name of Institution	Name of Distinguished Guest	Date	Purpose of visit
1.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Deepa Kalliath (DPT) (Physical Therapist, Atlantic health, New Jersey),	29 th September 2022	Discuss plan of project of a PhD student and review ongoing work
2.	MGM CHMS, MGMSOP, Navi Mumbai	Mr. Ganesh Suryawanshi, and Mr. Yuvraj Karoshi (Founders of Combat Robotics)	4 th Ocober 2022	For a demonstration of lab facilities and understand is application in technology validation
3.	MGM CHMS, MGMSOP, Navi Mumbai	A team from SVERI's College of Engineering, Pandharpur - Mr. Sandipraj Salunkhe (Assistant Professor), Mr. CK Vhare (Assistant Professor), Mr. Sachin Ashok Sonawne (Assistant Professor), Mr. Sunil Jadhav (Skilled Technician), Mr. Sutar Ashsish Dattatray (Skilled Technician)	11 th October 2022	Discuss prospective research collaboration.
4.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Ganesh Shinde, Medical Practitioner in Dubai	20 th October 2022	Discuss prospects of collaboration.
5.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Tushar Agarwal (Paediatric Orthosurgeon, Aastha Hospital)	8 th November 2022	Plan of action for research collaboration
6.	MGM CHMS, MGMSOP, Navi Mumbai	Mr. Glady Arulmani (Neurological Physiotherapist NHS, UK) and Mrs. Bernis Glady (Paediatric Physiotherapist, NHS, UK)	8 th November 2022	For a demonstration of lab facilities
7.	MGM CHMS, MGMSOP, Navi Mumbai	Ms. Anuradha Bagchi (Coordinator, Helen Keller Institute for Deaf and Blind) and Mrs. Nigamaja Hariharan (Physiotherapist, Helen Keller Institute for Deaf and Blind)	23 th November 2022	Discussion regarding collaborative work
8.	MGM CHMS, MGMSOP, Navi Mumbai	Prof. Darshan Shah (Assistant Professor, Mechanical Engineering, IIT Bombay)	30 th November 2023	Discuss content of book chapter
9.	MGM CHMS, MGMSOP, Navi Mumbai	Mr. Ganesh Bapat (Assistant Professor, BITS Pilani)	30 th November 2023	Discuss content of book chapter
10.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Sailaxmi Ganesan (Honorary Professor, MGMSOP)	30 th November 2023	To provide expert guidance to Manasvi Sharma (Junior research fellow, MGMSOP) for app content preparation for project
11.	MGM CHMS, MGMSOP, Navi Mumbai	Team from Tynor Orthotics Pvt Ltd - Mr. Nimish Mehra (Managing Director) Mr.	23 rd December 2023	Demonstration of lab facilities

12.	MGM CHMS,	Damandeep Singh Oberai (Regional Sales Manager) Mr. Pankaj Sharma (Zonal Sales Manager) Mr. Rahul Panchal (Manufacturing head) Mr. Varun Dargan (Manager) Dr. Abhay Bang (Founder and	27 th February	Demonstration of lab
	MGMSOP, Navi Mumbai	Director, Society for Education, Action and Research in Community Health - SEARCH)	2023	facilities to Dr. Abhay Bang (Founder and Director, SEARCH) and work done by MGM School of Physiotherapy
13.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. SV Kulkarni (Associate Professor, Department of Medicine, MGM Hospital)	30 th December 2023	Demonstration of lab facilities to facilitate research and clinical collaboration
14.	MGM CHMS, MGMSOP, Navi Mumbai	Padma Vibhushan Dr.Anil Kakodkar, Chairman, Rajiv Gandhi Science and Technology Commission Government of Maharashtra, Mantralay, Mumbai	8 th February 2023	To review work done by MGM School of Physiotherapy
15.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Dinesh Chandra (Fellow – orthopedic, Child Orthopedic Centre, Mumbai)	3 rd March 2023	Demonstration of lab facilities to learn about its clinical applications in paediatric orthopaedic conditions
16.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Ashirwad Mahajan (P.T) (Professor, Dr. APJ College of Physiotherapy, Pravara Institute of Medical Sciences, Loni)	29 th March 2023	Demonstration of lab facilities
17.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Saioa Herrero, Faculty of Engineering, Bilbao, University of the Basque Country, Spain	5 th April 2023	Demonstration of lab facilities for prospective research collaboration
18.	MGM CHMS, MGMSOP, Navi Mumbai	Rufyid – u - Nissa, PhD student, Electrical Engineering, IIT Bombay	27 th April 2023	Demonstration of lab facilities for prospective research collaboration
19.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Murad E Lala (First Indian Civilian Doctor to conquer Mount Everest on 19 th May 2013, Consultant and HOD Surgical Oncology at PD Hinduja National Hospital & Medical Research Centre.)	16 th June 2023	Guest session- Scalpel to Summit- My Tryst with Everest
20.	MGM CHMS, MGMSOP, Navi Mumbai	Dr. Chandana Bhagwat (Paediatric Neurologist, MGM Hospital Vashi)	25 th July 2023	Demonstration of MGM CHMS lab facilities to facilitate patient referral
21.	MGMSOP, Navi Mumbai	Prof. Pierre Cote (Professor, Canada Research Chair in Disability Prevention and Rehabilitation Director, Institute for Disability and Rehabilitation Research, Ontario Tech University, Canada)	14 th August 2023	Discussion for future collaboration for undertaking research work student's training and clinical services

Awards/ Honors/ Fellowships/ Unique Distinctions, Etc. Conferred to the Faculty / PG Students:

Sr. No.	Name of the Recipient	Designation	Name of the Fellowship/ Honour/Award/ Unit Distinctions	Awarding Agency & Date of Award
1.	Dr. Rajani Mullerpatan	Professor- Director	Chief guest and Keynote Speaker	MAEER Pune's, College of Physiotherapy 14 th April 2023
2.	Dr. Rajani Mullerpatan	Professor- Director	WHO Invitation as Expert Consultation	World Health Organisation 5 th May 2023
3.	Dr. Rajani Mullerpatan	Professor- Director	Judge for Scientific Presentations	SIPCON 7 th Annual Conference, Bhubaneshwar, Society of Indian Physiotherapists 23- 25 th March 2023
4.	Dr. Bela Agarwal	Professor	Outstanding contribution as a subject expert in the topic "Online Clinical Case presentation for MPT Students"	The society of Cardiovascular and Pulmonary Rehabilitation 19 th December 2022
5.	Dr. Triveni Shetty	Associate Professor	First place in Scientific paper presentation titled "MGM KAP tool for primary caregivers of Children with Cerebral Palsy: development and validation"	NICE Conference on Rehabilitation 15 th and 16 th Oct 2022
6.	Dr. Mamta Shetty (PT)	Associate Professor	Young Researcher in Musculoskeletal Physiotherapy	Venus International Foundation, India 15 th July 2023
7.	Dr. Ruturaj Shete (PT)	Associate Professor	Appreciation letter for Physiotherapy Services, First-Aid and health check-ups at State Level Football Tournament	Vidyaarthi Krida Kendra, Parel, Mumbai 22 nd to 26 th January 2023
8.	Dr. Hiranmayee Bagwe (PT)	Assistant Professor	Handcrafting the designed logo for The society of Cardiovascular and Pulmonary Rehabilitation	The society of Cardiovascular and Pulmonary Rehabilitation
9.	Dr. Krutika Gawde (PT)	Assistant Professor	Newspaper article appreciating the faculty efforts for the Interdisciplinary Care Camp for Post-Polio residual survivors, Uran	Balkadu Newspaper, 4 th Oct 2022
10.	Dr. Victoria Kuttan (PT)	Assistant Professor	Best Innovative Device Award for "Tool to measure Kinesthetic Awareness"	Medical Device Hackathon, BeTic IIT Bombay, 20 th to 28 th May 2023
11.	Ms. Bhumika Adsul	PG Student	3 rd prize in West zone (Health Science Category) Anveshan- National Research Student Convention	Ganpat University, Gujarat 16 th - 17 th March 2023
12.	Ms. Trupti Poojary	PG Student	2 nd Prize Scientifica- Paper presentation	Sancheti Healthcare Academy, Pune, 11 th March 2023
13.	Ms. Shwelita Mehta	PG Student	Award of SIP Research Grant for grant cycle 2022-23	SIPCON 7 th Annual Conference, Bhubaneshwar, Society of Indian Physiotherapists 23- 25 th March 2023
14.	Ms. Dishti Solanki	PG Student	1 st Prize in Paper presentation	National Conference of Indian Association of Physiotherapists, Women cell, New Delhi 5-6 th August 2023
15.	Ms. Dishti Solanki	PG Student	1 st Prize in APOPHENIA: Poster presentation	Seth Gordhandas Sunderdas Medical College and King Edward Memorial Hospital CONFLUENCE, 2023

Student awards and achievements:

Date	Event	Prize	Name of Student
24/7/2023	Essay Competition World Bioethics Day	First Prize	Ms. Bhavi Badiyal
24/7/2023	Poetry Competition World Bioethics Day	First Prize	Mr. Divesh Jairamdasani
25/7/2023	Drawing Competition World Bioethics Day	First Prize	Ms. Riddhi Patil
26/7/2023	Short film and Video Competition World Bioethics Day	Third Prize	Ms. Anushka Nagwani
26/7/2023	Debate Competition World Bioethics Day	Second Prize	Ms. Eva Susan Abraham
26/7/2023	Debate Competition World Bioethics Day	Third Prize	Mr. Om Mohite
11-08-2023	APOPHENIA: Poster presentation at Seth GSMC KEMH, Confluence 2023	First Prize	Ms. Dishti Solankhi (MPT IV)
05-08- 2023-06- 08-2023	Paper presentation at the National Conference of Indian Association of Physiotherapists, Women cell, New Delhi	First Prize	Ms. Dishti Solankhi (MPT IV)
4/05/2023	Shot put (Girls)Armed Forces Medical College Sports Ground, Pune	Third Prize	Ms. Saniya Richard
	Athletics-100m (boys) -Renaissance 2023- State level Sports Competition	Gold Medal	Mr. Ankur Kesarkar
	Athletics-200m (boys) -Renaissance 2023- State level Sports Competition	Gold Medal	Mr. Ankur Kesarkar
	Badminton Mixed doubles-Renaissance 2023- State level Sports Competition	Gold Medal	Mr. Suraj Gupta Mr. Vedant Gharat
23/03/2023- 26/03/2023	Shot put (Girls)-Renaissance 2023- State level Sports Competition	Silver Medal	Ms. Saniya Richard
	Badminton Mixed doubles -Renaissance 2023- State level Sports Competition	Silver Medal	Ms. Sudhiksha Vyas Mr. Vedant Gharat
	Badminton Singles Girls -Renaissance 2023- State level Sports Competition	Silver Medal	Ms. Sudhiksha Vyas
	4x100 m Relay (boys)-Renaissance 2023- State level Sports Competition	Gold Medal	Team event
	4x100 m Relay (mixed)-Renaissance 2023- State level Sports Competition	Silver Medal	

4x100 m Relay (girls) -Renaissance 2023- State level Sports Competition	Silver Medal
Mixed Basketball-Renaissance 2023- State level Sports Competition	Silver Medal
Girls Football -Renaissance 2023- State level Sports Competition	Silver Medal

Events & Photographs:



Dr. Sudhir Kadam addressing the newly admitted batch (2022-23) (15th September, 2022)



Screening for employees of MGMIHS and residents of villages adopted by MGM Institute of Health Sciences (8th- 19th September, 2022)



Lower limb strength training for belderly, Bhaveshwar Nagar, Ghatkopar (3rd September, 2022)



Student explaining and demonstrating exercises to the patients (14th September, 2022)



Felicitation of Honorable Vice Chancellor by student council members of MGM School of Physiotherapy, Navi Mumbai (5th September, 2022)



Dynamic balance exercise demonstration for resident with cerebral palsy (25th- 26th September, 2022)



Geriatric assessment: Star excursion test, Shantivaibhav CHS, Seawoods (25th-26th September, 2022)



Guest lecture by Dr. Soumik Basu (PT) to the MPT scholars about kinesio-taping methods (22nd September, 2022)



Guest Lecture by Miss Siddhi Pawaskar, Alumni Student for Guidance in Competitive examination (6th September, 2022)



Guest lecture by Dr. Pramod Palekar (PT) orienting MPT scholar about the Electromagnetic field (27th September, 2022)



BPT students performing in the Cultural event at NSS day event (26th September, 2022)



Guest lecture by Dr. Sanjiavni Kamble (PT) orienting the MPT scholar about the Electro Diagnosis (23rd September, 2022)



Child development awareness screening camp: Dehrang (30th September, 2022)



Ms. Heli Savla (Semester IV, MPT 2), Mr. Divesh Jairamdasani (Sem II, BPT) and group Third Prize winner for Innovation competition (18th November, 2022)



Guest lecture by Dr. Reema Joshi (PT) orienting Semester VI BPT students about the Pelvic floor muscles (23rd September, 2022)



Health dialogue between Dr. Rajani Mullerpatan and the house-keeping staff for women screening (3rd October, 2022)



Dr. Neha Padia (PT) received Award for Best Engineered Device in MEDIC 2022 (1st October, 2022)



MPT Scholars interacting with Dr. Sailakshmi Ganesan (1st – 2nd November, 2022)



Dr. Rajani Mullerpatan Addressing the attendees for Workshop on Clinical Biomechanics (7th – 8th February, 2023)



Dr. Rajani Mullerpatan and Dr. Bela Agarwal inaugurating the Workshop on Physiotherapy in the ICU: Simulation based skill training (24th – 25th February, 2023)



Guest Lecture by Dr. Mrinmayee Koltharkar explaining benefits of Tele Pulmonary Rehabilitation (13th February, 2023)



Guest Lecture by Dr. Brinda Merchant addressing the attendees (1st March, 2023)



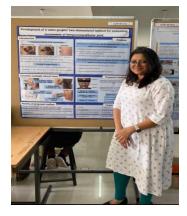
Dr. Mariya Jiandani conducting airway management session in the Workshop on Physiotherapy in the ICU: Simulation based skill training (24th – 25th February, 2023)



Guest lecture by Dr. Gangaprasad Kharar & BPT Semester III Students.



Padma Vibhushan Dr. Anil Kakodkar addressing the meeting and expressing comments on DREaM mobile application. (8th February, 2023)



MPT Scholar Ms. Bhoomika Adsul received an award for Scientific Paper Presentation at ANVESHAN (16th – 17th March, 2023)





GPS Map Camera

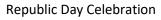
Navi Mumbai, Maharashtra, India

2494-45W MGM Garden, MGM Campus, Kamothe,
Panvel, Navi Mumbai, Maharashtra 410206, India

Lat 190/17581*
Long 73.105398*

28/01/23 09:52 AM GMT +05:30

Sports events at the ATHENA 2023









Cultural Dance performances at the ATHENA 2023

Career counselling by Mr Rohit and Mrs Mrunali Kulkarni from Vision International







NSS Volunteers reel creating awareness about health hazards related to tobacco on National Tobacco Day (31st May, 2023)

Students participation at various Sports event at Renaissance 2023 (23rd – 26th March, 2023)

Certificate for Paper Presentation to MPT Scholar Ms. Dishti Solanki at the National Conference of Indian Association of Physiotherapists, Women cell, New Delhi (5th – 6th August, 2023)







Guest Lecture: Scalpel to Summit-My Tryst with Everest by Dr. Murad E Lala (First Indian Civilian Doctor to conquer Mount Everest on 19th May 2013, Consultant and HOD Surgical Oncology at PD Hinduja National Hospital & Medical Research Centre.) (16th June, 2023)

Dr. Rajani Mullerpatan invited as Chief guest and Key note speaker for a session on "Modern Methods of clinical Gait analysis"

MGM SCHOOL OF PHYSIOTHERAPY AURANAGABAD

"By education I mean an all-round drawing out of the best in the child and man-body, mind and spirit"

-Mahatma Gandhi

Mahatma Gandhi Mission has been a power-house which shapes an Individual holistically. We have an extensive and vibrant legacy of providing high-quality education in all areas. MGM School of Physiotherapy, Aurangabad was established in the year 2009. We are situated at the core of Aurangabad in cidco N-6. We offer Bachelor of Physiotherapy with intake of 100 students, Master of Physiotherapy with intake of 12 students, and doctoral degree programs with intake of 6 students. Bachelor of Physiotherapy and Master of Physiotherapy programs span four years and two years, respectively. The post graduation course is provided under the domains of Musculoskeletal, Neuro, Sports and Community physiotherapy domains. We are privileged to have an enormous, verdant, eco-friendly campus. We deliver an outstanding student-centered infrastructure, including spacious and digitally upgraded classrooms. Our lecture halls are well-ventilated and well-lit. We have specially designed classrooms and a well-equipped seminar hall where we undertake various academic activities such as seminars, workshops, and postgraduate activities. We have specialized practical labs where students can explore the dimensions of hands-on skills. The labs are spacious and well-equipped. We have a convenient hostel facility for both boys and girls. The hostels are situated at a walk able distance in the campus and ensure complete safety of students.

We are firm believers in student-centered methods of teaching and learning. We are one of those few universities who have adopted the Choice Based Credit System (CBCS) syllabus for graduating and postgraduate students. Our competent faculty makes every attempt to instill critical thinking, clinical reasoning, and clinical decision making skills in our students. This is best accomplished through our different Student Centric Methods of Learning, which include group discussion, role-playing, case discussion, and debate.

To effectively compliment our exceptional academics, we offer the largest Physiotherapy outpatient department in Marathwada, which spans across the area of 7285.75 SQ.FT. We have eight different OPDs dedicated to all physiotherapy specialties. The musculoskeletal OPD includes all Musculoskeletal Pain Conditions such as acute, non-traumatic, degenerative, and overuse pain. We concentrate on developing more patient-centered protocols and providing socially and culturally informed patient care. We offer a number of cutting-edge facilities such as Matrix rhythm therapy, Spinal Mouse, electrotherapy modalities, and Mirror therapy, and the exercises are tailored to each patient. This OPD provides our students with the most exposure possible so that they may hone their clinical abilities and grasp the hands-on procedures. The sports physiotherapy department is collaborated with reputed organizations like sports centers. Our students also serve at reputed National and International sports tournaments. Cardio-respiratory department offers patient specific cardiac rehabilitation and pulmonary rehabilitation. We manage almost all post surgical patients and engage them in graded rehabilitation regime. We have initiated a special rehabilitation program for cancer survivors. We offer lifestyle modification and tailored exercise regime for diabetic and hypertensive patients. We have advanced equipments for Pulmonary function Testing, Exercise

testing and Prescription. We conduct various awareness programs foe community enlightenment. Neuro physiotherapy department is well equipped with advanced instruments for adult and pediatric rehabilitation. We make sure that students are exposed to variety of conditions. We treat a vast range of patients including Neonatal ICU patients, Cerebral Palsy, Mental Retardation, Delayed milestones, Stroke, Bell's Palsy, Spinal Cord Injury, Peripheral Nerve Injury. The Community Physiotherapy Department is sincerely committed to the well-being of the community and strives to reach as many people as possible in places where medical services are scarce. Monthly camps and outreach activities are held in Aurangabad's outskirt villages. All departments have official collaborations with reputed hospitals, sports centers, PHCs, specially abled schools. This instills in our students a feeling of social duty, and they become aware of societal needs as well as their responsibilities as health care professionals.

We have an active student council, which creates a tangible and beautiful bond between staff and students. We have zero tolerance towards ragging and have a active anti-ragging and Grievance committee

Intellectual enrichment is a critical pillar of MGM, and research and innovation are important components of our organization. We are proud of our students and faculty members who win National and International patents, register unique and useful copyrights, receive the most prestigious grants, and publish quality research in recognized International publications. Our students are constantly striving to present high-quality papers and posters at prestigious international conferences. Our faculty is always interested in and up to current on the latest breakthroughs in the field, and many of them are invited to lecture at numerous national and international conferences. We have always maintained contact with our dear alumni students; they are grateful to their parent institution and show their appreciation in the shape of talks, donations, and so on. We provide placement chances through campus interviews, and our bright graduates are dispersed all over the world working at reputable organizations as professors, clinicians, or operating an effective clinical practice.

Director's Key Message



"Glory lies in the attempt to reach one's goal and not in reaching it."
-Mahatma Gandhi-

Greetings to all! As a Director of this great institution, I express my gratitude to all who have contributed to carry on the legacy of the MGM School of Physiotherapy. The mission of MGM School of physiotherapy is excellence in education, health care services, research and commitment to human development and to provide the best to the students and to prepare them to take up the challenges of tomorrow.

This annual report is a small attempt to portray our efforts and achievements. I am confident that with the help of Almighty, with the dedicated faculty members and staff and with the support of all the stakeholders, we will be able to achieve the greater heights in the society.

Kind regards!!!

Dr Rinkle Malani

Director

MGM School of Physiotherapy, Aurangabad.

1. Year of Establishment:

• 2008

2. Accreditation:

- NABH certified
- NAAC A⁺⁺ Accredited
- Maharashtra OTPT Recognition No. INST/2017/04/PT/000018

3. Faculty/Teacher/ Staff Details:

Name of Program	Number of Teaching Staff	Number of Non-Teaching Staff
UG (Physiotherapy)	22	5
PG	7	5
Phd	1	0
Value Added Course	1	0

4. Academic Programs Details:

Name of Program	Intake	Number of Admissions/ Enrollments
UG (Physiotherapy)	100	100
PG	12	12
Phd	6	6
Value Added Course	65	65

5. Infrastructure/ Facilities Development:

- 1. Building- the overall area of MGM School of Physiotherapy Aurangabad building floor plan is 1623.23 Sq. mtr, including all laboratories, departments and classrooms
- 2. Laboratory- We have various skilled laboratories in the college which consist of musculoskeletal lab, yoga clinical skill lab, exercise and fitness lab, therapeutic gymnasium and Kinesiotherapy lab, electrotherapy and electro diagnosis lab.
- 3. Library Resources: 300 Books and 5 journals
- 4. Sports Facilities- MGM School of Physiotherapy has a MOU with Sports Authority of India and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

ACADEMIC EXCELLENCE

Excellence in academia has always been a hallmark of our institution, and this year is no Exception. We proudly celebrate the remarkable achievements of our academic toppers. These Brilliant minds have not only excelled in their respective fields but have also set a benchmark for dedication and hard work. Their names shine brightly on the honor roll, a testament to their relentless pursuit of knowledge. With unwavering determination, they have conquered complex Subjects and embraced intellectual challenges with open arms. These academic trailblazers inspire us all to reach for the stars and continue our quest for knowledge. As we turn the pages of this year magazine, let us applaud and draw inspiration from these outstanding scholars who remind us that the pursuit of excellence is a journey worth embarking upon.

Sr No	Year		Rank Holders
1	1 st year	1 st	Namrata Bhakkad (71.25%)
		2^{nd}	Anaya Mandlik (69%)
		3^{rd}	Akshata Dhande (68.15%)
2	2 nd year	1 st	Shreya Tonpe (72.86%)
		2^{nd}	Javeria Shaikh (72.33%)
		3^{rd}	Khushi Bharuka (71.60%)
3	3 rd year	1 st	Nidhi Nair (74.1%)
		2 nd	Karina Choudhary (73.2%)
		$3^{\rm rd}$	Samiksha Dixit (72.8%)
4	4 th year	1^{st}	Pooja Chaurasia (71.75%)
		2^{nd}	Sakshi Deshmukh (71.25%)
		$3^{\rm rd}$	Ishani Prasade (70.13%)
MPT			
5	1 st year	1 st	Dax Vyas (71.65%)
		2^{nd}	Kunal Nagwani (71.55 %)
		3 rd	Pranoti Zawar (71.20%)
6	2 nd year	1 st	Maliha Fatima Qureshi (78.45%)
		2^{nd}	Saba Shaikh (72.5%)
		3^{rd}	Samiksha Shedge (70.89%)

Student Awards

"The exemplary educator not only enhances students' academic progress but also nurtures their cognitive, psychosocial, and emotional development. At the MGM School of Physiotherapy, we place a distinct emphasis on the holistic growth of our students, including their extracurricular accomplishments. In the current academic year, our students have demonstrated exceptional aptitude in the realms of research and innovation. We take immense pride in highlighting their achievements in various areas such as paper presentations, poster exhibitions, as well as art and science projects. Our aspiration is that our students will continue to evolve in multiple dimensions, becoming exemplary individuals who make meaningful contributions to society.

ACADEMIC ACHIEVEMENTS

Sr No	Name of the Students	Date	Category	Prize	Description
1	Maliha Fatima (PG)	25/02/23- 26/02/23	Poster presentation	2 nd	Poster presentation at Pravara Phyzion 2023
2	Maliha Fatima (PG)	26/02/22- 27/02/22	Paper presentation	3 rd	Paper presentation in International multidisciplinary Rehab E-con 2022(MGM)
3	Maliha Fatima (PG)	23/01/23- 28/01/23	Blog writing	1 st	Blog writing organized by MGM Institute of Hotel Management
4	Maliha Fatima (PG)	23/06/2022	Quiz Competition	2 nd	Quiz Competition by MGM School of Physiotherapy
5	Maliha Fatima (PG)	8/02/2022	Best Panellist	1 st	Best Panellist in Panel discussion on 8th FEB 2022
6	Samiksha Shendge (PG)	8/10/2022 and 9/10/2022	Poster presentation	1 st	Poster presentation in PG at Youth Physio Conclave, Goa 2022
7	Pavan Solanki (PG)	25/02/2023	Paper Presentation	3 rd	Paper presentation in Pravara physiocon conference 2023
8	Pranoti Zawar (PG)	25/02/2023	Paper Presentation	3 rd	Paper presentation in Pravara phyzion conference 2023
9	Dax Vyas (PG)	28/01/23- 29/01/23	Paper Presentation	1 ST	Paper presentation in ICPT 2023
10	Dipti Shinde (PG)	31/05/2023	Essay Competition	1 ST	Essay Competition IAPWC
11	Bilquis Hussain (UG)	15/10/22	Poster Competition	3rd	Poster Competition on Bioethics Week 2022 (MGM)
12	Bilquis Hussain (UG)	23/06/22	Poster Presentation	2 nd	Poster Presentation on occasion of International Olympic Day 2022 (MGM)
13	Adiba Shaikh (UG)	15/10/22	Poster Competition	3 rd	Poster Competition on Bioethics Week 2022 (MGM)
14	Adiba Shaikh (UG)	15/10/22	Video making Competition	1 st	Video making Competition on Bioethics Week 2022 (MGM
15	Diya Khadke (UG)	24/02/23	Badminton Doubles	2 nd	Badminton Doubles in Pravara National physiotherapy sports meet 2023
16	Aryan Patil (UG)	18/02/23- 19/02/23	PTCL Cricket	1 ST	Man of the Match in PTCL
17	Shravani Jawake (UG)	24/06/22	Poster Presentation	2 nd	Poster Presentation on occasion Of International Olympic Day 2022
18	Mayuresh Padalkar (PG)	05/03/2023	Poster Presentation	2 nd	Poster Presentation Inter college competition in event "Momentum" by Society of CVPR, KEM Mumbai
19	Bilquis Hussain (UG)	23/06/22	Quiz Competition	2 nd	Quiz Competition by MGM School of Physiotherapy on the occasion of international Olympic day June 2022

Sports and Cultural Achievements

Sr	Name of The	Category	Prize	Description
No	Student			
1	Manish Deore	Cricket 2 nd		Cricket Tournament in State Level
	(UG)	Tournament		Physio Sports Meet 2023. In Pune
2	Himanshu Patil	Shot Put	1 st	Shot Put at state level intercollege fest
	(UG)			by Modern College of Physiotherapy
				2022
3	Himanshu Patil	100*4 Relay	2 nd	100*4 Relay Put at state level
	(UG)	Put		intercollege fest by Modern College of
				Physiotherapy 2022
4	Dev Parab (UG)	100*4 in	2 nd	Relay Put at state level intercollege fest
		Relay Put		by Modern College of Physiotherapy
				2022
5	Shrinivas	Poetry	2 nd	Poetry Competition Organized by
	Pimpalgaonkar (UG)	Competition		MGM Institute of Health Sciences

AWARDS

Achievements of Faculty

In the realm of academic excellence, our esteemed faculty members have continued to shine brightly over the past year, garnering recognition and accolades from the academic community and beyond. Their remarkable achievements have not only enriched our institution's prestige but have also served as a source of inspiration for our students. Our faculty members have published groundbreaking research papers in renowned international journals, showcasing their commitment to advancing knowledge in their respective fields. Additionally, they have actively participated in conferences, both nationally and internationally, where they have presented their research findings, further cementing our college's reputation as a hub of intellectual innovation. Furthermore, our faculty members have been invited to serve on prestigious committees, and as guest lecturers at renowned institutions, highlighting their expertise and influence within their domains. Their dedication to mentorship and student engagement has not gone unnoticed, as several have received awards for their exceptional teaching and commitment to nurturing the next generation of scholars. In the pages that follow, we invite you to delve into the remarkable achievements and contributions of our esteemed faculty members, who continue to be the driving force behind our college's pursuit of excellence.

Sr No	Name of The	Awards and Recognition
	Faculty	
1	Dr. Rinkle Malani	2022 IASP Grant for the study title: "A Multidisciplinary Educational Training Course for Physical Therapists on managing common musculoskeletal pain conditions in Maharashtra, India.
2	Dr. Junneshwar Bidve	Award for Novel Diagnostic Device by BETIC IIT, Bombay

3	Dr. Tajuddin Chitapure	Secured 2 nd Position in Badminton Singles in National Physiotherapy Sports Meet 2023
4	Dr. Pooja Kumari Mahaseth	2 nd prize for Scientific paper in 4 th Youth Physio Conclave
	Manaseth	2022
5	Dr. Pooja Kumari	Awarded Scholarship at the Integrity Aquatic Therapy &
	Mahaseth	Orthopaedic Center for International Academy Training
		Program – March 2023

Resource Person

Sr No	Name of The Faculty	Name of the Venture
1	Dr. Rinkle Malani	International Conference of Physical Therapy,
1	Dr. Rinkle Malani	Mumbai 2023
		Lecture on Intellectual Property Right at MGM
2	Dr. Pallavi Palaskar	School of Bio-medical Sciences College,
		Aurangabad
		Presented A guest lecture on Chronic pain and
3	Dr. Tajuddin Chitapure	Biopsychosocial model at MGMIOP on 17 Sept
		2022
1	Dr. Manibhadra Panda	Youth Icon Speaker at 4 th Youth Physio
4	Di. Mambiladia Panda	Conclave 2022

FACULTY PUBLICATIONS

	National (Number)	International (Number)
Research Papers		12
Patents/ Copyrights	25 (copyrights)	2 (patents)
Any Other		Dr. Rinkle Malani received a prestigious grant from International Association for the Study of Pain (IASP) for the study titled: "A Multidisciplinary Educational Training Course for Physical Therapists on managing common musculoskeletal pain conditions in Maharashtra, India.

IASP GRANT

We are thrilled to announce a momentous achievement for our college as we proudly unveil the receipt of a prestigious grant of 10,000\$ from the International Association for the Study of Pain (IASP). This grant will be instrumental in advancing our mission to enhance healthcare in Marathwada by facilitating specialized training programs for physiotherapists in the field of pain education.

Grant





IASP Pain Education Training at Dr. APJ Abdul Kalam College of Physiotherapy, Pravara, Loni





IASP Pain Education Training at MIP COLLEGE At LATUR

BOOK

Sl. No	UGC- CARE ID	Publication Type	Publication Title	Author- name	Publisher	Year
1	978-93- 5546-718-8	Book	Cerebral Palsy and its comprehensive rehabilitation: An Indian perspective	Dr. Pallavi Palaskar	IIKR Publication	2023
2	978-93- 5546-718-8	Chapter	Recent advances in exercise therapy in cerebral palsy	Dr. Rinkle Malani	IIKR Publication	2023
3	978-93- 5546-718-8	Chapter	Physiotherapy management in cerebral palsy	Dr. Namrata Sant	IIKR Publication	2023



Chapter Name	Chapter contributors	
Introduction to cerebral palsy and its neurological assessment and medical management	Dr.Varsha Vaidya	MBBS, MD Paediatrics Fellowship in Paediatric Neurology Director -K-Pond Children's Hospital, Aurangabad
Physiotherapy assessment in cerebral palsy	Dr. Pallavi Palaskar,(PT)	BPTh., M.PTh Neurosciences, KEM Mumbai PhD Scholar, NIMS University Associate Professor and Head Department of Neurophysiotherapy MGM School of Physiotherapy Aurangabad
Physiotherapy management in cerebral palsy	Dr.Pallavi Palaskar(PT) Dr. Namrata Sant	BPTh., M.PTh Neurosciences.KEM Mumbai PhD Scholar,NIMS University Associate Professor and Head Department of Neurophysiotherapy MGM School of Physiotherapy Aurangabad BPTh., M.PTh., Neurosciences.KEM Mumbai PD Scholar,NIMS University Assistant Professor, Department of Neurophysiotherapy MGM School of Physiotherapy Aurangabad
Balance assessment and management in cerebral palsy	Dr. Shrikrishna Shinde (PT)	BPT,MPT Neurophysiotherapy, Associate Professor MVPS College of Physiotherapy, Nashik
Neurosurgeries in Cerebral Palsy	Dr. Sanjeev Attry Dr Nandini Kushwah (PT)	MBBS, MS, MCH Neurosurgery, DNB Neurosurgery Professor Department of Neurosurgery NIMS Medical college NIMS University, Rajasthan Jaipur BPT,MPT PhD Scholar Assistant professor NIMS College of physiotherapy and occupational Therapy NIMS University, Rajasthan Jaipur
Orthopaedic Surgeries and Post- surgical rehabilitation in cerebral palsy	Dr.Pallavi Palaskar(PT)	BPTh., M.PTh Neurosciences, KEM Mumbai PhD Scholar, NIMS University Associate Professor and Head Departmen of Neurophysiotherapy MGM School of Physiotherapy Aurangabad BPTh., M.PTh., Neurosciences, KEM Mumbai PhD Scholar, NIMS University Assistant Professor, Denatment of

	Dr Namrata Sant	Neurophysiotherapy MGM School of Physiotherapy Aurangabad
Sensory integration in cerebral palsy	Dr Anupama Risbud	BPTh., MPTh Neurosciences KEM Mumbai Certified Sensory Integration Therapist (USA) Consultant Sensory Integration Therapist Vidula Child Guidance Centre.
Genetics in Cerebral Palsy	Dr Suvarna Magar	MBBS, DNB Paeditrics, SIAMG Fellow in Clinical Genetics Assistant Professor, Department of Paediatrics MGM Medical College and Hospital Aurangabad
Recent advances in Electrotherapy in cerebral palsy	Dr Anchit Gungnani Dr Rinkle Malani	BPT, MPT(Neurology)PhD Physiotherapy Principal, NIMS College of Physiotherapy and Occupational Therapy NIMS University, Rajasthan Jaipur BPT,MPT, KLE Belgum,PhD Scholar,MGM Institute of bealth sciences
	Dr Rinkie Maiani	Navi Mumbai, Director, MGM School of Physiotherapy Aurangabad
Recent advances in exercise therapy in cerebral palsy	Dr Rinkle Malani Dr Pallavi Palaskar	BPT,MPT, KLE Belgum,PhD Scholar,MGM Institute of health sciences Navi Mumbai, Director, MGN School of Physiotherapy Acaregabed BPTh, MFTh MFTh, MFTh,
Diabetes and Cerebral Palsy	Dr Rameshwar Palaskar	MBBS,FICM,D.Diabetology KEM Mumbai MRCP II UK Director & Consultant Diabetologist Shree Clinic and Diabetes Centre, Aurangabad
Community based Rehabilitation for child with cerebral palsy	Dr Satyam Bhodaji	Associate professor Department of community physiotherapy Royal collage of physiotherapy (Affiliated to Maharashtra university of health science Malegaon Nasik, India)

Patent





INTELLECTUAL PROPERTY RIGHTS

Intellectual Property (IP) deals with any basic construction of human intelligence such as artistic, scientific, or technical constructions. IPR is a strong tool, to protect time, money, and effort invested by the inventor/creator of the IP. IPR affects the economic development of a country by promoting healthy competition and encouraging industrial growth and economic growth. Copyright is a type of IP, Our faculty has registered the copyrights under different health domains. It is certainly a matter of prestige for us. The entire faculty has taken great efforts and this has been an honor for our institution.

Sr No	Copyright Title	Name Of Inventor	Diary Number
1	Evidence Based Physiotherapy Rehabilitation Program For Ataxia Patient	Dr Dipti Mahadev Shinde Dr Sherin Paulose	L-117242/2022
2	Physiotherapy Management For GRIN2B Related Syndrome: Protocol	Shruti Dnyaneshwar Ramekar Dr Pooja Kumari Mahaseth	L-117448/2022
3	A Modern Pain Neuroscience Education Approach For Non Specific Neck Pain	Dr Rinkle Malani Dr Vaibhavi Walimbe Dr Sonal Biyani Dr Benish Bubere Dr Snehal Thote	L-117500/2022
4	Sensory Garden: A Rehabilitation Approach	Sakshi Shah Dr Namrata Sant	L-118775/2022
5	Algophobia Perception Grading Scale (APGS)	Dr Tajuddin Chitapure Dr Satyam Bhodaji Dr Kunal Nagwani Dr Yash Kulkarni	L-119060/2022
6	Pdp (Physiotherapy Assisted Dietary And Psychological) Protocol For Obesity	Dr Satyam Bhodaji Dr Jui Phaltankar Dr Akansha Shinde Dr Saloni Shah	L-119064/2022

		D 01 : D 1	I
_	Yoga Exercise Protocol For	Dr Sherin Paulose	- 110170/0000
7	Flexibility, Balance And Fatigue In	Dr Jui Phaltankar	L-119152/2022
	Stroke Patients	Dr Kunal Nagwani	
8	Assessment of Community Based Rehabilitation	Dr Satyam Bhodaji	L-119331/2022
	In Depth Physiotherapy	Dr Dax Vyas,	: L-
9	Assessment For Traumatic And	Dr Vaibhavi Walimbe	119918/2022
	Non Traumatic Cervical Pain	Di Valbilavi Wallilibe	119916/2022
		Dr Namrata Sant	
10	Pedphy Questionnaire	Dr Pallavi Palaskar	L-119981/2022
		Dr Rinkle Malani	
	Thelegamie Dhygiethereny	Dr Satyam Bhodaji	
11	Thalassemia Physiotherapy Protocol	Dr Jui Phaltankar	L-119385/2022
	Protocol	Dr Kunal Nagwani	
	An Advanced Proprioceptive	Dr Aaloka Darbar	
12	Neuromuscular	Dr Vaibhavi Walimbe	L-120450/2023
12	Facilitation Approach For Lower	Dr Rinkle Malani	L-120430/2023
	Cross Syndrome	Di Kilikie Walalii	
	A Comprehensive	Dr Dax Vyas	
13	Physiotherapeutic Approach For	Dr Vaibhavi Walimbe,	L-120449/2023
13	Klippel Feil Syndrome	Dr Tajuddin Chitapure	E 120119/2023
	Temper I on Syndrome		
		Bhairavi Sanjay Ugale	
	Recent Evidence Based	Ishani Prasade	
14	Rehabilitation Guide For	Kimaya Patil	L-121108/2023
	Stroke Management	Shruti Dnyaneshwar	
		Ramekar	
		Dr Pallavi Palaskar	
	Davis Com Formation For Survey	Dr Sherin Paulose	
15	Brain Gym Exercises For Smart Phone Addiction	Dr Vishakha Gaikwad	L-121228/2023
	Phone Addiction	Dr Apurva Joshi	
		Dr Monika Thombale	
16	Smokingimpactprofile156	Dr Satyam Bhodaji	L-121531/2023
		Dr Satyam Bhodaji	
	A Wearable And Portable Band	Dr Pooja Kumari	
17	Which Detects The Type Of	Mahaseth	L-121624/2023
*	Tremor -An Assessment And	Dr Rinkle Malani	_ 12102 112023
	Detection Tool		
1.0	Effective Plyometrics Protocol For	Dr Manibhadra Panda	T 10000 1/2022
18	Badminton Players	Dr Tabish Fahim	L-129804/2023
	,	Dr Kunal Nagwani	
	Muscles Reflex Correction Tapping	Dr Bhalchandra	
19	Techniques For Post-Operative	Kharsade	L-129648/2023
	Elbow Joint Stiffness -Mrct	Dr Aaloka Darbar	
	Approach		
20	Athletic Assessment of Hand Grip	Dr Ashwin Kshisagar	I 107295/0002
20	And Different Types Of Pinch	Dr Pranoti Zawar	L-127385/2023
	Strength Along With		

	Anthropometric Dimensions of		
	Hand And Forearm		
21	A Physiotherapy Approach in the management of Lumbar Spondylodiscitis	Aaloka Darbar Dr Utkarsha Kawathekar	L-125604/2023
22	A Novel Evidence Based Protocol	Aaloka Darbar	L-125295/2023
22	for Carpal Tunnel Syndrome	Dr Utkarsha Kawathekar	L-123293/2023
	Post-Operative Physiotherapy	Dax Vyas	
23	Management Of Flexor Tendon	Dr. Utkarsha Kawathekar	L-126902/2023
	Injury	Dr. Rinkle Malani	
	Multimodel Physical Therapy	Dax Vyas	
24	Protocol for Cervical	Dr. Utkarsha Kawathekar	L-123457/2023
	Radiculopathy	Dr. Rinkle Malani	
	A Novel Physiotherapeutic	Dr Utkarsha Kawathekar	
25	Approach in the Management of	Dr. Maliha Fatima	L-130714/2023
	Sinus Tarsi Syndrome	Dr. Rinkle Malani	

ACADEMIC EVENTS

During the preceding academic year, our institution directed its unwavering attention towards fostering the multifaceted growth of both our students and faculty members. Every academic endeavor embarked upon was characterized by meticulous planning and ultimately contributed to the enhancement of clinical decision-making skills, with the overarching aim of providing optimal patient care. Throughout this period, we orchestrated a plethora of scholarly engagements, including workshops, guest lectures, awareness seminars, and panel discussions. These intellectual gatherings not only enriched the knowledge base of our academic community but also served as pivotal stepping stones toward advancing clinical excellence. Furthermore, we remained steadfast in our commitment to societal well-being, a commitment that manifested itself through our extensive outreach initiatives. In this section, we take pride in presenting a comprehensive overview of our highly productive workshops, enlightening guest lectures, and impactful outreach endeavors, all of which underscore our dedication to academic and societal progress

DEPARTMENT OF MUSCULOSKSLETAL PHYSIOTHERAPY

Sr. No	Activity	Date	Month
1.	Panel Discussion on Biopsychosocial Assessment and its applications.	30th Sep 2022	September
2.	Musculoskeletal department participate Osteoarthritis Knee Camp in occasion of World physiotherapy Day.	8 Sep 2022	September
3.	A guest lecture on Chronic pain and Biopsychosocial model at MGMIOP.	17 Sept 2022	September
4.	On the occasion of World Arthritis Day – MSK department initiated and conducted camp and awareness	12-21 Oct 2022	October
5.	Physiotherapy awareness talk at Ravindra Primary School, Samarth Nagar, Aurangabad, with the initiative of Lions Club Aurangabad Cidco and Deccan	7 Oct 2022	October
6.	IASP Pain project Abdul kalam college of physiotherapy, Pravara Loni	11 April 2023	April





Panel Discussion on Bio psychosocial Assessment and Its Applications.





Musculoskeletal Department Participate Osteoarthritis Knee Camp In



Occasion of World Physiotherapy Day.



Presented A Guest Lecture on Chronic Pain And Biopyschosocial Model at MGMIOP.



On The Occasion Of World Arthritis Day – MSK Department Initiated and Conducted Camp and Awareness- 12- 21 Oct 2022





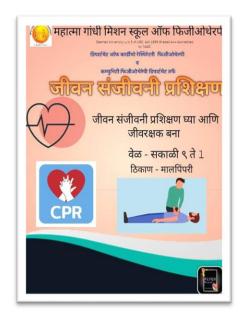
Physiotherapy Awareness Talk At Ravindra Primari School, Samarthanagar, Aurangabad, With the Initiative of Lions Club Aurangabad CIDCO and Deccan

DEPARTMENT OF CARDIO-RESPIRATORY PHYSIOTHERAPY CPR AWARENESS WEEK

Sr. No	Activity	Date	Month	No of Participant
1	CPR awareness at MGM SOP	21July 2022	July	50
2	CPR Awareness camp at mahal pimpri	24 th July 2022	July	40
3	CPR Awareness camp at MGM sport club	29 th July 2022	July	35



CPR AWARENESS WEEK FROM 21ST JULY TO 27TH JULY 2022





CPR AWARENESS CAMP AT MAHAL PIMPRI



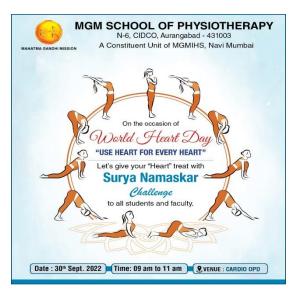


Suryanamskar Challenge at MGM OPD

On World Heart Day, which falls on the 30th of September, the students from the 1st-year batch took part in an exhilarating Suryanamaskar challenge. This event aimed to promote cardiovascular health and raise awareness about the importance of maintaining a healthy heart. With great enthusiasm, the students gathered early in the morning to perform a series of Suryanamaskar, also known as Sun Salutations, which involve a sequence of yoga poses. The rhythmic movements and controlled breathing not only provided a physical workout but also helped to calm the mind and reduce stress. The event was a resounding success, fostering unity and encouraging a healthy lifestyle among the participants.







Health screening camp in Ranjangaon





On the 23rd of November 2022, a health screening camp was conducted in Ranjangaon, aiming to provide essential healthcare services to the community. The camp focused on three key areas: diabetes screening, blood pressure screening, and risk stratification screening. The objective was to identify individuals at risk for these conditions and provide them with necessary interventions and guidance. The camp attracted a large number of participants who were eager to take charge of their health. The diabetes screening involved measuring blood glucose levels and assessing individuals for symptoms of diabetes. This was followed by blood pressure screening, where trained medical professionals measured participants' blood pressure and identified any abnormalities. Lastly, the risk stratification screening assessed individuals' overall risk for developing cardiovascular diseases by evaluating various factors such as age, family history, lifestyle habits, and existing medical conditions. The screening camp proved to be a valuable initiative in promoting preventive healthcare and empowering individuals to make informed decisions about their well-being.

DEPARTMENT OF NEUROPHYSIOTHERAPY

Sr.	Activity	Resource	Date	No of
No		Person		Participant
1	PNF Workshop	Dr Harpreet Singh	07 February 2023	50
2	IAFT Workshop	Dr Surjeet chakroboroty	24 th april	50
3	Services & collaboration with Municipal coporation, Saksham group and Vihang	Outreach activity	11 th July 2022	12





PNF Workshop





Inauguration of the municipal School

DEPARTMENT OF COMMUNITY PHYSIOTHERAPY

Sr. No	Activity	Date	Month	No of Participant
1	Health Screening camp Daulatabad	9 th July 2022	July	50
2	CPR Awareness camp at mahal pimpri	24 th July 2022	July	40
3	Health Screening Camp Ganori Sillod	6 th September 2022	September	50
4	Industrial Visit Greeves cotton Chikhalthana	14 th September 2022	September	20
5	Health screening Camp Ranjangaon waluj	25 th November 2022	November	45
6	Work related MSK disorders with exercise camp GST OFFICE Aurangabad	29 th November 2022	November	50
7	Health screening Camp Wahegaon	3 rd February 2023	February	40
8	Fall Prevention Workshop MGM Aurangabad	10 th February 2023	February	200
9	Visit to Primary Health centre Varud kazi village	25 th April 2023	April	30
10	Industrial visit to Groove Engineering MIDC Chikhalthana	5 th July 2023	July	25
11	Health Screening at Mukti Sopan Ashram Aurangabad	21st July 2023	July	40
12	ICF Workshop	27 th -28 th July 2023	July	63





Health Screening camp Daulatabad



Health Screening camp Daulatabad



CPR Awareness camp at mahal Pimpri



Health Screening Camp Ganori Sillod



Industrial Visit Greeves cotton Chikhalthana



Health screening Camp Ranjangaon waluj



Work related MSK disorders with exercise camp GST OFFICE Aurangabad



Health screening Camp Ranjangaon waluj



Fall Prevention Workshop MGM Aurangabad



Visit to Primary Health centre Varud kazi village



Industrial visit to Groove Engineering MIDC Chikhalthana



Health Screening at Mukti Sopan Ashram Aurangabad



ICF Workshop on 27th and 28th July 2023

DEPARTMENT OF SPORTS PHYSIOTHERAPY

SPORTS EVENT 2022-2023

SR.NO	ACTIVITY	DATE	MONTH	NO. OF ATHELETES
1.	Mumbai educational posting	18 th Aug 2022	August	600
2.	Regional Cricket Tournament	27 th Sep 2022	September	100
3.	Karate-Do District Level	16 th Oct 2022	October	5
4.	State-Level Karate-Do Competition	6 th Nov 2022	November	27
5.	Interschool District Level Netball, Basketball and Boxing	15 th Nov 2022	November	35
6.	Interschool District Level Badminton Competition	24 th Nov 2022	November	4
7.	Krida Mohotsav State Level Inter University Tournament Competition	3 rd Dec 2022	December	483
8.	Aurangabad Inter-School Skating Championship	23 rd Dec 2022	December	2
9.	Aurangabad District Sports Association Kabbadi Competition	22 nd Dec 2022	December	53
10.	Aurangabad regional Sports Association Kabbadi Competition	24 th Dec 2022	December	60
11.	Aurangabad Inter-School Wrestling Championship	27 th Dec 2022	December	1
12.	Maharashtra State Olympic Sports Competition, Fencing	6 th Jan 2023	January	8
13.	All India Inter University Cycling Tournament	13 th Feb 2023	February	300
14.	Regional Level Inter Club Boxing Tournament	27 th May 2023	May	60
15.	Bhubaneshwar Educational Tour	3 rd Feb 2023	February	5





Regional Cricket Tournment at Jhalani Cricket Ground, Aurangabad







Karate-Do District Level Competition at Tirumala Mangal Karyalay, Aurangabad









Interschool District Level Netball, Basketball and Boxing at Gadia Vihar, Aurangabad









Krida Mohotsav State Level Inter University Tournament Competition at Dr Babasaheb Ambedkar Marathwada University Campus, Aurangabad

Aurangabad Inter-School Skating Championship at Chatrapati College Ground, Aurangabad





Aurangabad Inter-School Wrestling Championship at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad



All India Inter University Cycling Tournament at Green Globe Vidya Mandir, Aurangabad





State-Level Karate-Do Competition at Garkheda, Aurangabad



Maharashtra State Olympic Sports Competition, Fencing at Garkheda, Aurangabad



Regional Level Inter Club Boxing Tournament at Regional Sports Complex Garkheda, Aurangabad



Bhubaneshwar Educational Tour at Bhubaneshwar, Odisha

Extra Curricular Activities

World Physiotherapy Day 2022

On the occasion of World Physiotherapy on September 8, 2022, MGM School of Physiotherapy, Aurangabad, was organising a weekly event celebration from September 1 to September 8, 2023.

Some patient-centric activities were conducted throughout the month of September. A **one-month physiotherapy camp was organised in PHC, Anganwadi Village**. Other activities were **awareness activities in residential areas** and a **police awareness camp**. Simultaneously, some student-centric activities were conducted to encourage the students. The "Tagline competition" and "Say it with the video for the osteoarthritis competition" were conducted from August 26 to September 3







Greeves cotton industrial visit on National pollution control day

On 14th September 2023, Department of Community Physiotherapy organized industrial visit at Greeves Cotton industrial visit on National Pollution Control Day, Aurangabad. In this camp Employer assessment was done and an ergonomic session was given to the Employees





World Cerebral Palsy Day

On 6th October, 2022, Panel Discussion was organized on the occasion of World Cerebral Palsy Day. The theme for panel discussion was **Virtual Reality in Cerebral Palsy Rehabilitation**





World Bioethics Day 2022 Poster Competition



On the occasion of World Bioethics Day, we conducted **Poster Competition** on 15th October, 2022. The theme for the competition is **Social Responsibility and Health.**

Paralympics: World Disability Day



On the occasion of World Disability Day 3rd December, 2022, MGM School of Physiotherapy in association with Yashwantrao Chavan Centre, District Disability Rehabilitation Centre, Aurangabad Mahatma Gandhi Mission, and Mahatma Gandhi Seva Sangh has organized **Paralympics 2.0** for disabled individuals with an enrolment of 175 participants.

World Stroke Day

Exquisite-Quiz Competition was arranged on the occasion of World Stroke Day on 29th October, 2022. The theme for competition is **The power of saving # precioustime.**



National Energy conservation day fish Bowl group discussion program

On 14th December 2022, Department of Community Physiotherapy organized a group discussion on electric vehicles: a long-term revolution or a short-term assurance on the occasion of National Energy conservation day.



DOING OUR BIT!!

Every year, the devotees swing to the rhythm of the tala mridunga, chanting the name of Mukhi Vithu Mauli, the devotees engrossed in the devotion of Vitthala, the Varkari walking on foot, the exhausted but still happy face of that Mauli, what can be a more heartwarming sight than this, but in Vithuraya's Abhang, it is so They become so engrossed that they ignore the physical fatigue, the pain, thestones that pierce their bare feet. In this series, we have cleared the misconceptions about Physiotherapy in the minds of many people.





Stretching during a walk, a small village exercise, relieved many aches and pains of the walkers and their GATI (means gait) was very good. There were many people who came for Wari for the first time, he made them

understand the importance of exercise and advised them to do it regularly from now on. Our faculties are always on toes when it comes to Social Responsibilities, This time one of our faculty Dr Junneshwar Bidve and Dr. Vikrant Salphale served at Wari and set a remarkable example of how the health care professionals can do their bit!

IQAC Activities 2022-23

Internal Audit - 1	March-April 2023	IQAC carried out internal audit of all committees including Mentor-Mentee, Research, Educational Unit, attendance committee and Exam cell along with Extension activities, Feedback, Website committee and Clinical management committee and Hostel committee from March to April 2023.
Internal Audit - 2	August 2023	All documents and files were evaluated internally for Teaching and Learning, Infrastructure, Student Support, Examination, Feedback, and Clinical Standard criterions for May to August 2023
IQAC Activities	September 2022 to August 2023	 Digitalization of internal communication through institutional email ID's Organizing FDP's on Research, Teaching-Learning and quality improvement using NEP 2020. Streamlining formats for effective data recording and maintenance. Organizing and participating in extracurricullar activities like UGC initiatives e.g. Bharatiya Bhasha Diwas, International Yoga Day Activities, World Environmental Day activities, etc.

MGM NEW BOMBAY COLLEGE OF NURSING, NAVI MUMBAI

MGM NEW BOMBAY COLLEGE OF NURSING

MGM New Bombay College of Nursing, a constituent unit of MGM Institute of Health Sciences (MGMIHS) laid its foundation on 1st August 2008. The institute offers Undergraduate, Post Graduate and PhD programme in Nursing. It is one among the pioneering institutes in India, for successfully conducting the Nurse Practitioner in Critical Care Post Graduate programme from the academic year 2017-2018. The College of Nursing is well known for its excellence in academic, co-curricular and extra-curricular activities in the country and strives hard to keep up the quality of education to provide globally competent nurses.

Vision & Mission in line MGMIHS: MGM Institute of Health Sciences aims to be a topranking centre of Excellence in Health Science Education, Health Care and Health Research.

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

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

Objectives:

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

Message



Dr. Prabha K. DasilaProfessor & Director

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

The current health care environment is greatly different from the past. It demands highly competent nurses who are authorized to function independently and collaboratively for an extended clinical role. The competent nurses can significantly reduce the mortality and morbidity among patients admitted in the Critical Care Units. Apart from preparing the students to qualify purely on academic demands, special efforts are made continuously to participate in various co- curricular and extracurricular activities to enable them to face the challenges of the competitive world. Extracurricular and co-curricular activities allow students to pursue interests outside of a standardized academic context.

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, Nutrition and other 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.

Dr. Prabha K. Dasila Professor & Director

Programmes Offered

	Programmes		Seats
Under	B. Sc. Nursing	4 years	100
Graduate	Post Basic B.Sc. Nursing	2 years	30
	M.Sc. Nursing Medical Surgical		10
	M.Sc. Psychiatry Nursing	2 years	03
	M.Sc. Pediatric Nursing		04
Post Graduate	M.Sc. Community Health Nursing		04
	M.Sc. OBGY Nursing		04
	Nurse Practitioner in Critical Care (NPCC)	2 years	20
PhD Nursing		3 - 5 years	1:6 Guide student ratio

Workshop / Conferences / Seminar Organized:

- 1. Workshop on "**Intra Venous infusion therapy**" on 13.12.2022 & 14.12.2022 by Mr. Praveen Shinde- Senior Sale Sales manager-BD company. Participants 68 including Nursing In charges, Staff Nurses and Nursing Students
- 2. National conference titled "Multi- Disciplinary Research: Approach to Sustainable Health Care Solutions" from 20th December to 21st December 2022.

Name	Status	Prize	Organization
Mrs. Ferganzia J. Assistant Professor Mrs. Vandana Kumbhar Associate Professor	Faculty	Second in Poster Presentation Third in Poster Presentation	National Conference: Multidisciplinary Research: An
Mr. Alik Anthony	PhD Scholar	Third in Paper Presentation	Approach to Sustainable Health
Ms. Shradha Rane	II M.Sc (N)	First in Poster Presentation	Care Solutions by
Ms. Arti Patil, Ms. Ankita Mokal & Ms. Tejal K	II M.Sc (N)	Second in Poster Presentation	MGMNBCON
Ms. Mansi.K & Ms. Komal K	II M.Sc (N)	Third in Poster Presentation	

Glimpses of Workshop / Conferences / Seminar Organized



National Conference: Multidisciplinary Research: An Approach to Sustainable Health Care Solutions on 20th & 21st December 2022.



Workshop on Intra Venous infusion therapy on 13.12.2022 & 14.12.2022

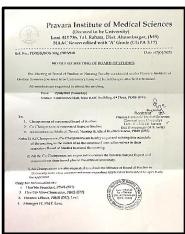
Workshop / Conferences / Seminar/Guest Lecture Participated

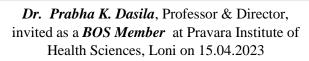
Name of Faculty	Role	Organization	Date
Dr. R. Ponchitra	External Practical Examiner For	Krishna College of	26.12.2022
	Nurse Practitioner in Critical	Nursing, KIMS, Karad	
	Care Program		
Dr. Jyoti.C	Expert Speaker on	Dr. V.V.P. F College of	13.01.2023
	"Environmental Sustainability"	Nursing, Ahemednagar	
Mrs. Manisha	Managing online classes & Co-	Ramanujam College,	(07.04.2023
Sawant	creating MOOCs 25.0	New Delhi	to
Mrs. Ferganzia J.			21.04.2023)
Mrs. Anna Thomas	Transformation of Nursing	GINRA Foundation	(25.04.2023
	Education through Innovative		to
	Teaching Strategies		01.05.2023)
Mrs. Ferganzia J	Qualitative Research Methods	International Institute of	
		Migration & Development	
		(IIMAD), Kerala	
Dr. Sindhu Thomas	Asst. Professor	Presented design of the	15.12.2022
		product in IRRC	
		meeting: Breast crawl	
		protective device.	





Dr. Prabha K. Dasila, Professor & Director, invited as a Resource Person in for National Conference on **Evolving Dimensions of Critical Care Nursing Practice** for presenting on **Evidence Based Practice** in Critical Care Nursing organised by Parul University, Gujarat from 10th April to 12th April 2023







P D Hinduja Hospital and Research Centre Mahim Mumbai, invited **Dr. Prabha K. Dasila** - As an expert at the "Nursing Research Plenary "on the occasion of International Nurses Day 2023. **No of Beneficiaries:** - 112 Nursing Professionals *Mrs. Vandana Kumbhar*, Associate Professor, invited as *External Examiner* for Diploma in Health Promotion Education in National Institute of Public Health Training and Research Institute (NIPHTR), Ministry of Health and Family Welfare.

Dr. R. Ponchitra, Professor & Vice Principal, invited as *PhD Thesis Evaluator* in Saveetha Institute of Medical & Technical Sciences, Chennai.

Mrs. Vandana Kumbhar, Associate Professor won *First Prize* on Idea Presentation Interdisciplinary Medical Technology workshop on "*Digital Health & Health Care Technology*" Organized by MGMCET, Kamothe







Faculty Development - Mrs. Ferganzia Jubilson has completed "Qualitative Research Methods" from International Institute of Migration & Development (IIMAD), Kerala in April 2023.

Co-curricular & Extracurricular Activities

Guest Lecture on "Scope of Specialized Nursing Overseas" by Ms. Sanju Chaudhari, Nurse Practitioner Anesthesia at Chelsea and West Minister, NHS Trust, UK on 02.02.2023 (20 M.Sc & NPCC students)





Measles campaign survey and awareness on 15.01.2023 – 25.01.2023 Organized by Panvel Municipal Corporation No of Beneficiaries: 1000 houses





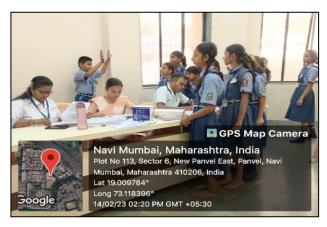


School Health Assessment Programme on 18.01.2023 of Raigad Zilla Parishad Primary School and 21 children from Anganwadi Centre at Towarwadi (No of Beneficiaries Total 82 students) (61 students from 1st- 5th std) Leprosy awareness and assessment (leprosy week) on 31.01.2023 Mrs. Vandana Kumbhar, Associate Professor in collaboration with PSM Department MGM Medical College and Hospital, Kamothe No of Beneficiaries: 80 houses





Jagruk Balak Sudhrud Balak Abhiyan on 06.02.2023 organized by Panvel Municipal Corporation (Joint venture) & MGM, **Total Participants - 45 Fourth year B.Sc. Nursing** (No. of Beneficiaries - School children (0-18) in old and New Panvel, Kharghar, Kalamboli and Kamothe.)





Multispecialty Health Checkup Camp on 09.02.2023 organized by **Mrs. Vandana Kumbhar** in collaboration with Khopoli Municipal Corporation and Department of PSM, MGM Medical College and Hospital, amothe Beneficiaries- 80



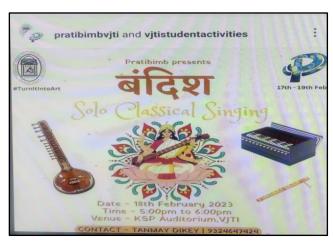


Blood Donation Camp on 09.02.2023 Organized by **Mrs. Vandana Kumbhar** in collaboration with Khopoli Municipal Corporation and MGM Medical College and Hospital, Kamothe (Beneficiaries - 14 people donated the blood.)



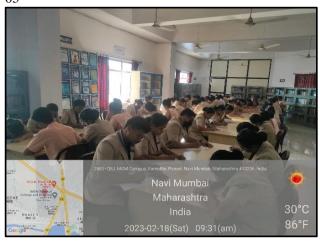


Intercollegiate singing competition on 18.2.2023, Ms. Srushti Mhatre, 2nd Yr. B.Sc N Participation in 'Bandish - Solo classical singing competition' Organized by Pratibimb, VJTI College





Session on Innovation Self Driven IIC Activity on 18.02.2023 "Essay Competition- Essentials of Entrepreneurship" Organized by MGMNBCON, Beneficiaries - Students UG=50, PG=13 and Faculties 05





World Water Day - Role play on "Save Water" on 25/03/2023 organized by in collaboration with Panvel Municipal Corporation (No of Beneficiaries : 150 Students And Faculties)





Gender Sensitization Program for Adolescents - Session on Gender Sensitization and Role Play On Gender Equality, Ramsheth Thakur School Rithghar, Nere - 24/03/2023 Organized by Department of Community Health Nursing & MGMNBCON in collaboration with PMC (No of Beneficiaries - 200 Students)





5 PhD alumni were felicitated at **PD Hinduja Hospital and Medical Research Centre along with Dr. Prabha K. Dasila, Professor & Director** as Resource persons in recognition of their outstanding contribution to Nursing research at the Nursing Research Plenary on the occasion of International

Nurses Day 2023.

- 1. Dr. Prabha K. Dasila
- 2. Dr. Savia Fernandez,
- 3. Dr. Gargi K,
- 4. Dr. Maya Vadgaonkar,
- 5. Dr. Shubhangi Jadhav
- 6. Dr. Suchita Sawant



Poster Presentation Competition on "National Conference on Evolving Dimensions Critical Care Nursing" Competitions attended by **08 students** at Parul Institute of Nursing, Gujarat on 11.04.2023 to 12.04.2023 - 09 students participated in Conference.



75th **Justice M.G. Ranade Inter Collegiate Debate** Competition 2023 on 16.03.2023 & 17.03.2023 at Tilak Maharashtra Vidyapeeth University in association with Vaktrutvottejak Sabha, Pune.

Urban Community Health Center Posting at, Khopoli 06.02.2023 onwards, **Mrs. Vandana Kumbhar**, Associate Professor in collaboration with PSM Department MGM Medical College and Hospital, Kamothe.

Zonal level Anveshan Competition at D Y Patil University, Pune, Participation of Students in Innovation activities **Ms. Shraddha Rane**, II Year M.Sc. Nursing Student.





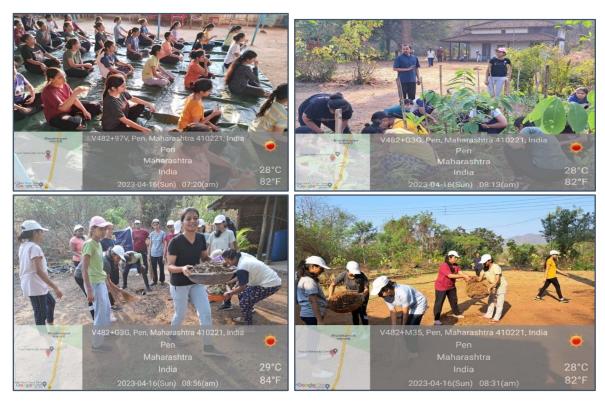
Lamp lighting Ceremony - 15.02.2023 (55 B.Sc. Nursing First year Students)



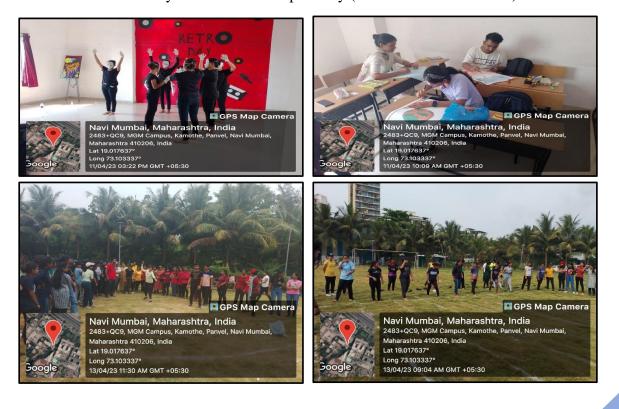


Glimpses of Co-curricular & Extracurricular Activities

NSS Residential Camp from 15/04/2023 to 17/04/2023 at Tara (Yusuf Meherally Centre) coordinated by Mrs Vandana Kumbhar



Student Council activity - ECA Week & Sport Day (10.4.2023 to 15.04.2023)



Dr. Babasaheb Ambedkar Jaynti Day Session on Bhartiya Samvidan and visit to scheduled Tribe community on 16/04/2023 at Tara (Yusuf Meherally Centre) Mrs Vandana Kumbhar & 40 students





International Nurses' Day12.05.2023, Celebration of Nurses Day by MGM Hospital and MGM NBCON College at Seminar hall, 2^{nd} Floor, MGM Medical College Hospital







Orientation to "CINAHL" database at Seminar Hall, MGM Medical College Hospital, Kamothe on 29.05.2023 participated by 225 – UG & 18- PG Students and 14 – Faculties







Value Added Courses 2022-2023

Name of the Course	Course Coordinator	Period	No: of Students completed
Wound Care Nursing	Mrs. Smriti Parkar	1.07.2023 to 22.07.2023	28
Quality Management in Nursing	Mrs. Ferganzia Jubilson	22.07.2023	25





Extension & Outreached Activities

- 1. Dr. Babasaheb Ambedkar Jaynti Day Session on Bhartiya Samvidan and visit to scheduled Tribe community on 16/04/2023 at Tara (Yusuf Meherally Centre) Mrs. Vandana Kumbhar & 40 students
- 2. *NSS Residential Camp* from 15/04/2023 to 17/04/2023 at Tara (Yusuf Meherally Centre) coordinated by Mrs. Vandana Kumbhar
- 3. Felicitation done for Resource Person at Indian Nursing Council, New Delhi, 110020 12/05/2023 Dr. Prabha K. Dasila (Prof & Director) & Mr. Jignesh Vyas (NP)
- 4. Marathi Rajbhasha din Marathibhasha Lipi ani Vyakran Spardha on 25/02/2022 at New Panyel.
- 5. International Womens Day collaboration with Primary Health Center Nere, Panchayat Samiti Panvel United Way Organization on topic Symposium on Social, Economical and Legal Protection for Women on 09/03/2022 at Primary Health Center Nere. Beneficiaries: 100 ASHA workers.

Awareness campaign was organized on Healthy Food Habits on 03.01.2022 at Ramabai Nagar, Belapur.





Pulse polio training with collaboration with Panvel Municipal Corporation on 25/02/2022.





National Pulse Polio programme on 27/02/20022 at New Panvel





Marathi Rajbhasha Din organized by NSS unit MGM Medical College, participated in Role Play Competition and *Won 3rd Prize*





Marathi Rajbhasha Din Marathibhasha Lipi & Vyakran Spardha on 25/02/2022 at New Panvel.





Marathi Rajbhasha Din Marathibhasha Lipi & Vyakran Spardha on 25/02/2022 at New Panvel.





Educational Visit:

Date	Edcuational Visit	No. of Students
26/06/2023	Child Guidance clinic, Muskan Foundation MGM Kamothe	26 Third Year B.Sc (N)
28/06/2023	Child Welfare Center, Panvel	10 First Year PB B.Sc (N)
28/06/2023	Jagruti D- Addiction Centre, Taloja	15 Second Year Post Basic B.Sc Nursing
23.06.2023	Laxmi eye Institute, Panvel	49 Third Year B.Sc (N)
27.06.2023 & 04.07.202	All India Institute of Physical Medicine and Rehabilitation, Mumbai.	
14.07.2023	Sewage treatment plant (MGM Campus)	45 Fourth Year B.Sc (N)
15.06.2023	WIT Centre, Panvel	First Year M.Sc (N)
30.06.2023	Sadhuvaswani college of Nursing, Pune.	
04.07.2023	JJ Hospital Institute of Nursing Education, Mumbai	
05.07.2023	K J Somaiya college of Nursing, Sion, Mumbai	18 Second Year Post Basic B.Sc Nursing

Research Projects (PG Students)

Research Title	Name of the Student	Guide
M.Sc Nursing (Medical Surgical Nursing)		
Effectiveness of Synchronous Versus Asynchronous Learning Methodology on Knowledge of Intra- aortic Balloon Pump among Nursing students	Ms. Komal Kathare	Mrs. Sarika Nair
Effect of Flex Model of Blended Learning on Knowledge and Skill of triage management among nursing students	Ms. Ankita Mokal	Mrs. Sarika Nair
Effect of Insert Learning Application on Knowledge related to burn management among undergraduate nursing students	Ms. Aarti Patil	Mrs. Sarika Nair Dr. Swati Sinha
Develop and validate Shift Handover Application for nurses.	Mr. Mahesh Pardeshi	Mrs. Sivakama Sundari Dr. Sanjay Waykar
Develop and validate Online Jigsaw Puzzle technique on metabolism pathway of nutrients for undergraduate nursing student.	Ms. Shraddha Rane	Mrs. Sivakama Sundari Mr. Sachin Chavan
Effect of Web Based Learning Module on knowledge related to drug calculation among staff nurses in teaching hospital.	Ms. Mansi Kambali	Mrs. Sivakama Sundari Dr. Ashok Kanthe
Effect of Reflective Thinking Practice on Basic Procedural Skill among first year undergraduate nursing students.	Ms. Tejal Karlekar	Mrs. Ferganzia Jubilson
Effect of Simulation on Knowledge and Skill in ECG interpretation among final year BSc. Nursing students.	Ms. Minakshi Musale	Mrs. Susan Jacob
M.Sc Nursing (Nurse Practitioner in Critical Care)		
Develop and validate Central Line Catheter Insertion Checklist for critically ill patients admitted in Intensive care units of the teaching hospital of Navi Mumbai	Ms. Shaila Ghanekar	Mrs. Preethi Maria Mathew

Publications

Author Name	Title	Journal	Index Status	
Ms. Vandana Kumbhar	Effectiveness of Puppet Show On Knowledge Regarding III Effects Of Junk Food Among The Secondary School Students	Journal of Coastal Life Medicine	Web of science Google Scholar Index Copernicus ISSN / eISSN:	
Mrs. Arunima.S	Perspective of mothers of PreSchoolers on creches of Navi Mumbai		2309-5288 / 2309-6152	
Mrs. Arunima.S	Perceptions of Creche Administrators on Caregivers Competency		UGC CARE List	

Mr. Gaurav.K	Perception and Satisfaction of	MGM Journal of	Google Scholar,
Ms. Ferganzia. J	Undergraduate students on educational learning environment	Medical sciences	ProQuest DOAJ
Mrs. Snehal.L	Effectiveness of planned teaching about knowledge regarding ill effects of chemical ripening of fruits & Vegetables among farmers in selected rural area		
Mrs. Preeti .B	A descriptive study to identify the determinants and assess knowledge of married women regarding biosocial consequences of early marriage	Asian Journal of Nursing education and Research	Google Scholar, Proquest Central ISSN 2231- 1149
Mrs Smruti Parkar, Dr. Jyoti Chaudhari	Assessment of self esteem and perception towards Gender role and Responsibility among women residing in Tribal area in Raigad District		
Mrs. Persis. G	Effect of sleep quality on cognitive and physiological functions among patients admitted in medical wards	International Journal of Nursing Research (IJNR)	Google Scholar, Scientific Journal Impact Factor ISSN 2456- 1320
Dr. R.Ponchitra	Sleep habits and perceived factors for deprived sleep among patients admitted in medical wards	International Journal of Nursing and Medical Investigation	Google Scholar, Index Copernicus ISSN: 2456- 4656
Mrs. Vandana K	Effect of planned teaching on knowledge of mothers regarding prevention of vitamin A deficiency among under five children from a selected urban area.	Innovational Journal of Nursing & Health Care	Google Scholar, Index Copernicus ISSN: 2454- 4906
Mrs. Sivakamasundari P	Artificial Intelligence In Nursing: Revolutionizing Healthcare Delivery	European Chemical Bulletin	Scopus ISSN 2063- 5346
Dr. Prabha K. Dasila & Ms. Ferganzia Jubilson	Mentoring Skills and Practices: Perceptions of Mentors and Mentees of Nursing Colleges	Scope	Scopus 11775653(P) 1177-5661(O)
Mrs. Susan Jacob Dr. Prabha K. Dasila	OSCE: An assessment tool in clinical Evaluation : A Review Article	Health Science & Technology	Scopus ISSN -2796- 9711
Mrs. Anita Gaikwad, Dr. Jyoti Chaudhari	Prevalence of cognitive impairment in patients receiving 5FU containing chemotherapy - A systematic Review and Meta-analysis	Supportive Care in Cancer	Under UGC Care List 2023

PhD Projects

Sr. No.	Research Title	Name of the Student	Year of Admission	Guide
1.	Impact of Nurse Led Diabetes Education on illness Perception, Knowledge, Attitude, Self-care Management and Health Related Quality of Life among patients with Type II Diabetes Mellitus.	Ms. Pricey Jimmy Pudussery	2018	Dr. Prabha K. Dasila M Sc, PhD
2.	Self-Perceived versus Objectively measured Clinical Competency among Nursing students: A comparative Study	Ms. Susan Jacob	2018	Dr. Prabha K. Dasila M Sc, PhD
3.	Facility Based Opportunistic Screening and Education for Diabetes Mellitus: Effects on Knowledge, Attitude and compliance to screening among adults attending Primary Health Centres at Aurangabad.	Mr. Sandeep Thombre	2018	Dr Jyoti.C M Sc, PhD
4.	Assessment of nocturnal enuresis among primary school children :	Mr. Dipak N Khadke	2018	Dr. Prabha K. Dasila M Sc, PhD
5.	Develop and evaluate practice model for care givers in crèches.	Ms. Arunima Sreeletha	2017	Dr Ponchitra R M Sc, PhD
6.	Effect of structured nursing interventions on self- management behavior and health related quality of life among children with Bronchial Asthma.	Ms. Awlegaonkar Deepa Ramachandra	2017	Dr. Prabha K. Dasila M Sc, PhD
7.	Effect of nurse intervention on cognitive and non- cognitive functions and serum INF alpha of patients receiving chemotherapy for colorectal cancer at Tata Memorial Hospital, Mumbai.	Ms. Dsouza Anita	2017	Dr. Jyoti.C M Sc, PhD
8.	Effect Psycho-Educational approach on alcohol expectancies among the adololescents.	Mr. Alik Antony Rae	2014	Dr. Jyoti. C M Sc, PhD
9.	Effect of Drumstick Leave Power Supplementation on Iron Deficiency Anemia among School Aged Children in Selected Government Schools of Dadra and Nagar Haveli.	Mr. Amar Alim Mulla	2014	Dr. M Mathews M Sc, PhD
10.	Physical health assessment and effect of family based intervention regarding the nutritional status of children of a selected rural community.	Ms. Asmita Laxman Kamble	2014	Dr. Jyoti. C M Sc, PhD
11.	Utilization of Government welfare scheme with quality of life among Senior Citizens of Konkan Division : Cross sectional study	Mrs. Vandana Kumbhar	2020	Dr. R. Ponchitra M Sc, PhD Dr. Gajanan Velhal
12.	Evaluation of Nurse Practitioner in Critical Care Programme: An exploratory multicentre study	Mrs. Ferganzia Jubilson	2020	Dr. R. Ponchitra M Sc, PhD Dr. Ashwini Arte,
13.	"Impact of parent empowerment programme on the optimal health of children with thalassemia and psychosocial wellbeing of parents."	Mrs. Anna Hima Thomas	2020	Dr. R. Ponchitra,

Copyright Registrations

Author Name	Title	Diary Number & Date	Status
Dr, Jyoti.C Dr. Anuradha. M Dr. Prabha.K. Dasila	Interview Schedule To Assess Self Reported Performance And Related Problems Of CABG Patients After Discharge	13317/2022-Co/L Submission Date : 22/06/2022	In Process
Dr. Kirti Jamdar Dr. Prabha K. Dasila	Teaching Module of Application On Brain Based Learning (BBL) To Critical Care Nursing - Part I	12717-2023-CO- L-	L-129803/2023 Dated 4/07/2023
	Teaching Module On Application Of Brain Based Learning (BBL) To Critical Care Nursing - Part II	12718-2023-CO- L-	L-129444/2023 Dated:13/07/2023
Dr. Sindhu Thomas Dr. Niman C.	Structured questionnaire to Assess Awareness & Practices on Breast Feeding Among Mothers	13328/2022- CO/L Submission Date : 22/06/2022	L-130467/2023 Dated:21/07/2023
Mohanty Dr. Prabha K. Dasila	Observation checklist to Assess The Effect of Breast Crawl on Breast Feeding Practices among Mothers	13512/2022- CO/L Submission Date : 24/06/2022	L-130466/2023 Dated:21/07/2023

Applied for Patent

Author Name	Title	Ref No/ Application No. & Date	Status
Mrs. Arathi Chandran &	Upper limb	202321026030 TEMP/E-1/29480/2023-MUM	Done
Mrs. Susan Jacob	Restrainer	Submission Date : 06/04/2023	

Clinical Services:-

Sensitization of Ward in- charges for Departmental Training of Nurses 03.01.2023





Departmental In-service nursing education started from 06.01.2023





Nursing In-service Education 23.06.2023





Hospital Quality Control

	Type of Activity	Faculty
•	Revision of Internal audit clinical checklist under the guidance of COQ.(Quantity 8)	Dr. Jyoti Chaudhary
•	Prepared Sheet for calculation of Nurse Patient Ratio (NPR) in Ward & ICU.	Associate
•	Sensitized departmental nurse educators about filling of data in NPR sheet.	
•	Attended monthly review meeting of nurses working in Quality department.	Professor, MGMNBCON
•	Ensured that Predicted mortality score (KPI) is received to Quality Cell.	MOMINDCON
	Format was provided. face to face talk conducted.	
•	Prepared format for Risk Identification Register (under NABH ROM section). Format Is Pretested and Validated.	
•	Monitored of daily activities. Supervised preparation of quarterly report of	
	KPI (Jan- March 2023)	

Type of Activity	Faculty
 Attended quality meetings on 23rd June 2023 and 3rd ,5th ,7th and 11th July 2023. Monitoring Incident reports and root cause analysis of KPIs of OT and ICUs. Reviewed Key performance indicator analysis of 2nd quarter (April-June 2023 in process). Action taken on Patient feedback for resolution of concerns immediately. Conducted Mock Drill of Code Pink under the guidance of Chief of Quality. 	Reported submitted by Dr. Jyoti Chaudhari, Associate Professor, MGMNBCON

MGM SCHOOL OF BIOMEDICAL SCIENCES NAVI MUMBAI

MGM SCHOOL OF BIOMEDICAL SCIENCES, Navi Mumbai

MGM School of Biomedical Sciences is a constituent unit of the MGM Institute of Health Sciences (Deemed University NAAC A⁺⁺ accredited).

In the year 2007, MGM School of Biomedical Sciences (MGMSBS, NM) was established as an educational institute to provide quality education in the field of Allied Health Sciences. It is a fully operational Educational and Research Institution with over 600 students,

The mission of the institute is to provide skilled Allied healthcare professionals to society who can deliver quality healthcare services with compassion and benevolence, without prejudice or discrimination. 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 the highest ethical standard.

As a centre of Excellence, it consists of high-tech infrastructure, research facilities, and an expert team of Faculty members and research scholars which form a firm basis for providing various UG, PG, and Ph.D. Allied Health Sciences programmes.

MGM SBS, NM works in harmony with the MGM Medical College and Hospital, Navi Mumbai which is a constituent unit, of MGMIHS well equipped with a 1000-bed tertiary care hospital with emergency services, trauma care, all general specialties, and super specialties like Endoscopy, Modular Operating Rooms, and Cath laboratories to cater quality patient care.

In the area of academics, the institute is actively engaged in employing the changes in its Choice Based Credit System (CBCS) syllabus according to the norms of National Education Policy (NEP) and National Credit Framework (NCrF) in an attempt to achieve academic flexibility.

As a research centre, it has seen tremendous progress and has to its credit various Extramural projects funded by the Department of Health Research (DHR), Indian Council of Medical Research (ICMR), and Department of Biotechnology (DBT). In addition to this, it has various patents, publications, and copyrights to its possessions.

Goal of SBS

To become a Centre of Excellence in the Allied Health discipline with a strong Research and Teaching Environment.

Objectives of SBS

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

From the Director's Desk,



DR. MANSEE THAKUR
Professor & HOD, Department of Medical Biotechnology
Director, MGM School of Biomedical Sciences, MGMIHS, Navi Mumbai.

Education is a key element in framing the mind-set to think critically. It ignites and fuels the innovative aspect of an individual. We are witnessing humongous change in all walks of life making it an obligation for ourselves to adapt to these changes demanding a smooth transition from the conventional way of doing to employing the newest techniques.

Nevertheless, the field of education is dynamic, We here at MGM SCHOOL OF BIOMEDICAL SCIENCE, NAVI MUMBAI work with the aim of providing our students with the most recent updated knowledge in terms of theoretical and practical aspects thereby increasing the quality of education.

I have witnessed the college's overwhelming progress and seen our students building their magnificent careers, with combined team efforts our institute has now become one of the desirable premium colleges offering CBCS Allied Health programs.

We offer various, Undergraduate, Postgraduate, and Ph.D. programs in the field of Allied Health Sciences under one roof wherein students can choose their professional careers.

A meticulously designed curriculum, adequate clinical training, problem-based, evidence-based teaching approach, and opportunities for interdisciplinary research are the prime highlights of the facilities that we cater to our students.

Skilful and competence-based professionals are the need of the hour in the healthcare system, moreover there also exists a gap in providing healthcare services to mankind, to address this concern MGM SBS, NM trains aspiring paramedical professionals to provide the best quality healthcare services through a perfect blend of theoretical and practical sessions, hands-on training, fine application of soft skills, and inculcating the quality of community services within them.

As research is a crucial aspect both in terms of academics and clinical practice, great importance is given to the research and innovation at MGMSBS, NM, the college is well equipped with infrastructure for conducting research work, and a talented team of research scholars who have received various extramural funding's for their projects also to their credit they have various patents, publications, books, and chapters.

We prioritize the holistic development of our students and keen importance is given to the student-friendly learning environment as we include various extracurricular activities, and value-based spiritual education motivating our students to explore beyond the walls of the classroom.

As rightly quoted by Mahatma Gandhi "The future depends on what we do in the present"

We are committed to become a Centre of Excellence in the Allied Health discipline by integrating the conventional and modern methodologies of teaching and learning.

I cordially invite all aspiring Allied Health professionals to **MGM School of Biomedical Sciences** to explore, learn, and grow as professionals in the field of health sectors.

ACADEMIC PROFILE

MGM School of Biomedical Sciences (MGMSBS), Navi Mumbai, MGMIHS offers UG, PG as well as Ph.D. Allied Health Sciences programs as per the University Grant Commission (UGC) guidelines.

The curriculum for these programs follows a Choice-Based Credit System (CBCS) pattern according to which the semester pattern is adapted to provide academic flexibility, and the inclusion of value-added courses has helped in achieving the holistic development of the students. In addition to these keen importance has been given to the mental well-being of the students as we have included value-based spiritual education in our existing curriculum.

The National Education Policy is a revolution in the field of education that is based on the principle that education must develop the 'foundational capacities 'of literacy and numeracy and 'higher-order' cognitive capacities, with social, ethical, and emotional capacities and dispositions.

We are currently in the process of revising our curriculum as per the National Credit Framework (NCrF) which will enable us to create a need-based curriculum inclusive of the multi-disciplinary, holistic approach, allowing academic flexibility.

We offer 7 UG programs, 12 PG programs, and 5 Ph.D. programs, students here are provided with in-depth learning and research exposure during their tenure of study.

We encourage students to develop skills outside of the classroom, such as leadership abilities, to actively participate in conferences, thought-provoking seminars, workshops, research projects, extracurricular and outreach activities.

Highlights of the CBCS Curriculum

- The curriculum employed for the various UG and PG courses is in accordance with the Choice Based Credit System (CBCS) as per guidelines of University Grants Commission (UGC).
- CBCS System has reformed the existing curriculum in a way to enhance both the Learning and teaching strategies enabling higher standards of education.
- The key highlights of this system are that it offers academic flexibility, better evaluation Methods, grading based on student performance, and application-based teaching and learning methods promoting an integrated approach to the education system.

The UG programs are 4 years degree courses divided into 8 semesters with embedded internship.

The PG programes are 2 years degree courses divided into 4 semesters with compulsory Submission of the dissertation project.

LIST OF STAFF FOR THE ACADEMIC YEAR:

Sr. No.	Name	Designation	Name of the Department
1	Dr. Mansee Thakur	Professor	Biotechnology
2	Dr. Raman P. Yadav	Professor	Omics
3	Dr. Himanshu Gupta	Assistant Professor	Biotechnology
4	Dr Priyanka Pareek	Assistant Professor	Clinical Nutrition
5	Mr. Yogesh Patil	Tutor	Biotechnology
6	Mr. Pratik Morade	Tutor	Dialysis Tech.
7	Mrs. Anamika Chalwadi	Tutor	MLT
8	Mr. Rohit Gupta	Tutor	Optometry
9	Ms. Neelam Yeram	Tutor	Biochemistry
10	Mr. Subodh Rahate	Tutor	Radiology
11	Ms. Harshita Mohanty	Ph.D. Fellow	Omics
12	Ms. Rafiya Sangameshwari	Tutor	Clinical Embryology
13	Ms. Misba Khan	Tutor	Optometry
14	Mr. Sufiyan Ahmed	Tutor	CCT
15	Dr. Shweta S Manjardekar	Tutor	MHA
16	Mrs. Tanika Chaturvedi	Tutor	Radiology
17	Ms. Shruti Patil	Tutor	Radiology
18	Ms. Pranita Utekar	Tutor	CCT

***** ACADEMIC PROGRAMS DETAILS:

PROGRAMME:

Course Duration in years		Academic Year	Admissions
B.Sc. Allied Courses	4 years (3 years Academic & 1-year Internship)	2022-23	129
M.Sc. Allied Courses	2 years	2022-23	80
Ph. D	Regular 3 years, Part time 4 years	2022-23	15

> UNDER GRADUATE (UG) PROGRAMME: 8 No.

Course Name	Intake	Enrolled
B.Sc. Perfusion Technology	5	5
B.Sc. Medical Dialysis Technology	20	16
B. Optometry	20	15
B.Sc. Operation Theatre & Anaesthesia Technology	20	20
B.Sc. Medical Radiology & Imaging Technology	30	30
B.Sc. Medical Laboratory Technology	30	30
B.Sc. Cardiac Care Technology	5	5
B.Sc. Physician Assistant In Emergency & Trauma Care	20	8

> POST-GRADUATE (PG) PROGRAMME: 12

Course Name	Intake	Enrolled
M.Sc. Medical Biotechnology	20	18
M.Sc. Medical Genetics	10	9
M.Sc. Clinical Embryology	10	9
M.Sc. Molecular Biology	10	4
M.Sc. Clinical Nutrition	15	15
Masters of Public Health	5	5
Master of Hospital Administration	15	12
M.Sc. Biostatistics	5	0
M.Sc. Cardiac Care Technology	5	0
M.Sc. Medical Radiology & Imaging Technology	5	4
M. Optometry	5	0
M.Sc. Medical Dialysis Technology	5	4

Ph.D. PROGRAMME

Course Name	Enrolled
Medical Biotechnology	6
Medical Genetics	1
Molecular Biology	0
Biostatistics	0
Hospital Administration	3
Health Profession	2
Clinical Nutrition	2
Optometry	1

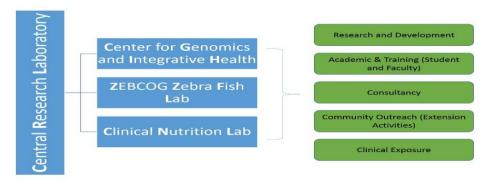
*** INFRASTRUCTURE / FACILITIES DEVELOPMENT:**

Central Research Laboratory Infrastructure & Facilities:

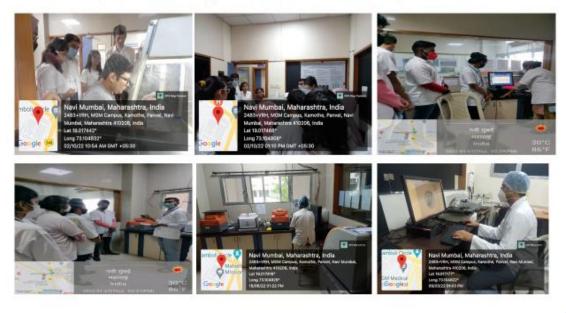
Central Research Laboratory under MGMSBS, NM is intensely working to carry out Biotechnological, genetics, Molecular, clinical Nutrition & Applied Research. MGM CRL Molecular lab has state of the art molecular researchfacility for all interdisciplinary studies. The thrust area to run this lab is its own R&D programs in technology development, assay development and biomarker, stress biology, Community - based intervention related to nutrition, drug discovery. The faculty, students of SBS and other departments are encouraged to take up research & developmental activities by utilizing the existing facility resources for research and development.



Our centre of Excellences on ZEBCOG & Molecular Biology along with our well in house known Clinical nutritionLab have helped our students to develop necessary skills & develop innovative projects, intervention studies, and community outreach activities in various domains.



MGM CENTRAL RESEARCH LAB - (A) CENTRE FOR GENOMICS AND INTEGRATIVE HEALTH



This lab is equipped with cutting edge technologies like Real Time PCR, NAAT, DNA Hybridization

assays, EVOSFL Auto microscope, Immunological assays and Culture and Drug susceptibility studies. The central research laboratory is accredited by NABL for testing of various infectious diseases like HIV, SARS COV2, H1N1, TB and Dengue, Malaria etc. The laboratory till date has processed thousands of samples of each mentioned disease till date and filled nearly half dozens of patents on the name as well for development of low-cost biomedical devices for rapid testing of infectious diseases. The laboratory has also conducted various training programs to generate the competent manpower in the field of molecular diagnostics in order to bridge the gap between Conventional Diagnostics and Molecular Biology based assays.



Another unique feature of the central research lab facility proposed at Dept of Medical Biotechnology, MGMSBSB, MGMIHS, Navi Mumbai will be the first college in Navi Mumbai area to provide training with sophisticated recentinstruments used in industry / diagnostic/ research through which we can generate revenue and research output by providing training / skill development / consultancy etc. The basic Zebrafish facility was established in 2015 under the BRNS funded project at MGMCRL ZEBRAFISH FACILITY which is located at the MGM Medical College Building at the



Central Research Laboratory. In the past two decades, zebrafish (Danio rerio)-based research has contributed to significant scientific advances. Still, husbandry and health programs did not evolve at the same pace, as evidenced by the absence of adequate awareness and training. In particular two teleost species, zebrafish (Danio rerio) and medaka (Oryzias latipes) have become essential model systems for analyzing gene function in vertebrates due to their application in genetics. Zebrafish are well established for their contribution to developmental biology and have now emerged as a powerful preclinical model for human disease, as their disease characteristics, aetiology and progression, and molecular mechanisms are clinically relevant and highly conserved. They have an advantage of small size; transparency of the embryos and the extra-uterine development make them ideal systems for systematic studies of developmental processes. These animal models also provided many disease models to study various pathophysiological processes in real time. The thrust area of our zebra fish laboratory is • Nanotoxicity, • Model for toxicological, environmental & compound screening • Behavioral studies • screens for different disease model. Our all research are interdisciplinary and related involving the various departments of Medical college so as to provide the better solution to the society. Nutrition is paramount for health, it is one of the fields which is interrelated to every life sciences stream. A nutritionist can involve in lot many innovations and research work related to life science. It will be really helpful to strengthen the Clinical Nutrition department academically and for research purpose. Apart from that MGMIHS has running post graduate program in Clinical Nutrition consisting of Clinical Nutrition Lab, which includes advance nutrition, food safety, medical nutrition therapy, applied Biochemistry and biostatistics. The students are getting exposure of extension activities, clinical exposure and research exposure. The additional trainings, workshops, field work and laboratory work would be helpful to empower the department and students.

*** RESEARCH CONTRIBUTION:**

Sr No	Name of the Project,	Name of the PI	Funding agency	Department	Year	Funds	Duration
1	Hands-on Training Programme on Zebrafish in Biomedical Research and Drug Development	Dr Himanshu Gupta	Department of Health Research (DHR)	Dept of Medical Biotechnology (SBS)	2023	28,12,500/-	5 years
2	Molecular Diagnostics of Infectious Diseases - Let's analyse the Nucleic acids of Pathogens	Dr Mansee Thakur	Department of Health Research (DHR)	Dept of Medical Biotechnology (SBS)	2023	42,43,950/-	5 years
3	Development of comprehensive nutrition intervention to prevent hidden hunger among adolescent girls	Dr Priyanka Pareek	ICMR	Dept of Clinical Nutrition, MGM SBS Kamothe	2022	3448200/-	2 years
4	Impact of Micronutrient fortifoed Rice with Vitamin C rich food on iron status of anemicschool age children (6-12 years)	Dr Priyanka Pareek	DBT	Dept of Clinical Nutrition, MGM SBS Kamothe	2022	2850000/-	2 years

Extramural Projects:

> PATENTS

> GRANTED -04

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- 2. Patent No: 415484 (Application no: 3620/MUM/2015) Thakur Mansee, Joshi DS, Suri VK Pai Girish, Srinkhala ,Shivam, Bhand Sunil, Pal Souvik. Joint Patent with Department of Atomic Energy, MGM Institute of Health Sciences and Birla Institute of Technology and Science, Pilani. Micro-trench based biochip device for screening of infectious diseases using metal nano particles /nano coating: 2022 Dec 26.

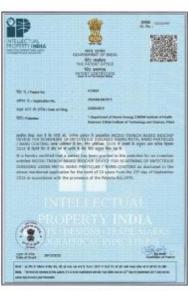
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Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen



Portable low Cost Custom Built-MolBioseperator (LABORATORY TOOL)



A Micro-Trench based Biochip Device for Screening of Infectious Diseases using Metal Nano Particles / Nano Coating -



Biogenic method for generation of monodisperse and fluorescent cerium oxide nanoparticles with enhanced antioxidant activity

> PUBLISHED: 07

 Application no: WO/2019/097536 (International Patent). Yadav, Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Kadam, Nitin Nanasaheb, Bhagit, Amita Anant. Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen: 2019 May 23.

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- Application no: L-130115/2023 Divya Pawar , Himanshu Gupta , Niteshkumar Agrawal , Mansee Thakur * Synthesis, Characterization of Zinc Oxide Nanoparticle Znonp And Its Toxicity Assessment Using Zebra Fish Danio Rerio . 2023 July 19.
- Application no: L-130218/2023. Aichairjya Hazarika, Sanskruti Thakur, Niharika Swain, Mansee Thakur, Himanshu Gupta* .To Study the Microarchitecture of Zebrafish Organs.
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> CONSULTANCY: 1,03,000/-

We have students coming from Various National institutes like IITs, ACTREC, Banashthali Vidyapeeth, Private institutions such as Amity University, Pillai Arts & Science college, CKT college, DY Patil institute, Modern college to name a few for one months and two months internship and also for project work. A total of 19 external students completed internship in this year from the department of Medical biotechnology where they were trained on Molecular biology techniques, RTPCR & Zebra fish husbandry. Total Revenue Generated from Internship in this year: Rs. 1, 03,000/-

Sr No	Date	Name of Students	College Name
1	09.05.2023	Priya Sonwalkar	CKT College panvel
2	16.05.2023	Siddhesh Kishor Saigaonkar	IIT Kharagpur
3	26.05.2023	Anukampa	Banasthali Vidyapith , Tank, Rajasthan
4	27.05.2023	Payal Damgude	Amity University
5	27.05.2023	Gayatri Karmalkar	Amity University
6	03.06.2023	Kamlesh Bathini	Amity University Mumbai
7	05.06.2023	Ibrahim Iftikar Mukadam	DY Patil university Pune
8	05.06.2023	Mayuri Yein	DY Patil university Pune
9	10.06.2023	Pooja Kelkar	DY Patil university Belapur
10	10.06.2023	Israa Muktada	DY Patil university Belapur
11	26.06.2023	Archit Das	Amity University Mumbai
12	26.06.2023	Gargi Dhal	Amity University Mumbai
13	30.06.2023	Riddhima Chib	Amity University Mumbai
14	03.07.2023	Tirth Nadar	Amity University Mumbai
15	04.07.2023	Paras Temkar	Amity University Mumbai
16	10.07.2023	Shreya Bhandarkar	Amity University Mumbai
17	14.08.2023	Manasvi Kadam	D Y Patil School of Biotechnology and
			Bioinformatics
18	14.08.2023	Pavitra Chavan	D Y Patil School of Biotechnology and
			Bioinformatics
19	14.08.2023	Advait Amit Shinde	D Y Patil School of Biotechnology and
			Bioinformatics

> COLLABORATIONS /MOUS:

We happy to share you that the extensive collaborations at this year's MGM SBS! The partnerships with prominent institutions like Tata Memorial Centre, Lilac, SRCC Centre of Child Development, Heartfulness Education Trust, Wadia Hospital, SRL Lab, Nirmal Niketan College, Apollo Hospital, and Modern College Pune undoubtedly enrich the educational experience for students.

Through these collaborations, students are presented with invaluable opportunities to apply their academic knowledge in real-world settings. Internships, co-op programs, and hands-on projects give them exposure to industry-specific tools, technologies, and workflows. This practical experience not only enhances their skillset but also provides a deeper understanding of industry dynamics and challenges.

Overall, the collaboration between MGM SBS, industries, hospitals, and colleges serves as a bridge between theoretical learning and real-world application, equipping students with a holistic education that prepares them for success in their chosen fields. It's an exemplary model for fostering a dynamic and impactful educational ecosystem.

*** INTERNATIONAL CONFERENCE:**

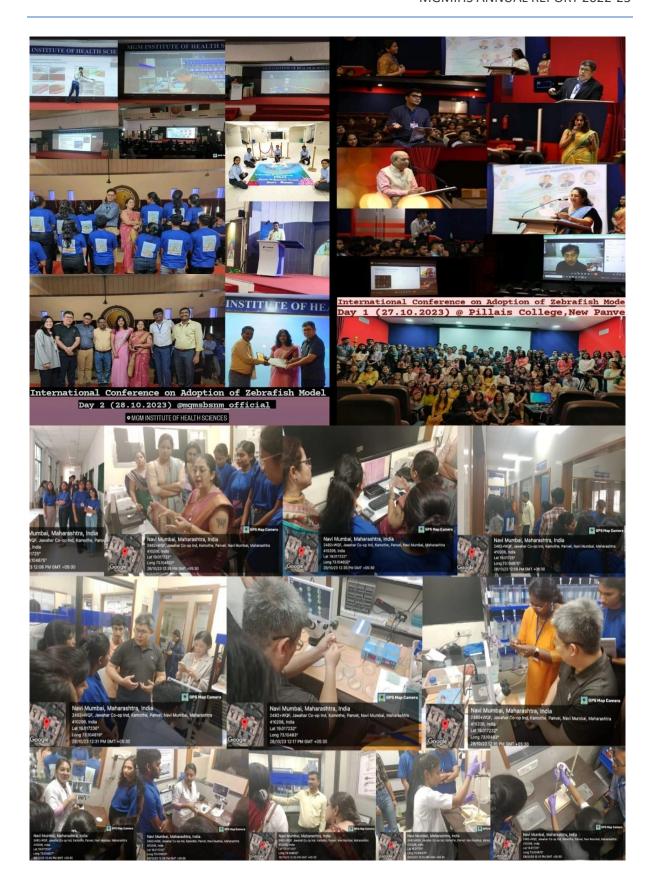
One-of-a-kind 2 Days International Conference at Navi Mumbai on awareness of the Zebrafish Animal Model in research.

Together with the support of the non-profit **Zebrafish Foundation India**, two esteemed colleges—the **Department of Medical Biotechnology, MGM School of Biomedical Sciences, MGMIHS**, and the **Department of Biotechnology, Pillai College of Arts, Commerce, and Science**—a unique conference "**Embrace Zebrafish – International conference on adoption of Zebrafish Model**", for two days was organized in Navi Mumbai. More than 150 students from around the country attended the conference, including those from DRDO, Anna University, BAMU, IIT Roorkee and IIT Mumbai, to mention a few.

Along with talks given by International speakers from **Taiwan** (**Gendanio**), **Belgium & France**, as presenters from reputed national institutes like **ICMR-NITM Belagavi and Dr.Reddy's Institute of Life Sciences Hyderabad**, the students got exposures to practical and **hands-on** methods at the **ZEBCOG - Zebrafish Laboratory** at the MGM School of Biomedical Sciences, which houses a state-of-the-art zebrafish laboratory for **research**, **training**, **and consultancy**. The lectures were held at the Pillai College & at MGMIHS campus. The students gained insights into the advantages of using Zebrafish models in **interdisciplinary research**, which offer several advantages.

The conference was a huge success in advancing the goal of the Zebrafish Foundation India (www.zebfin.res.in), which is to raise awareness among researchers about the benefits of using the zebrafish model in their work. Students can connect with the foundation for more such event in future.





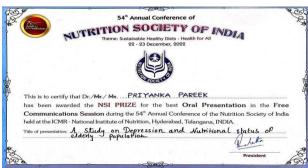
*****FACULTY/STUDENTS CHIEVEMENTS/AWARDS/RECOGNITIONS

Sr No	Name of the awards/ recognitions received	Name of the Faculty	Designation	Awarding Agency	Year of
110	recognitions received	/students			award
1	Prize at the International Conference of Medicine & Meditation, a collaborative event by AIIMs New Delhi	Dr. Mansee Thakur	Professor & Head	AIIMs New Delhi, All India Institute of Ayurveda, and Heartfulness Institute	2023
2	Stree Jyoti Award	Dr. Mansee Thakur	Professor & Head	Heartfulness Popular Wellness Institute and NMMC	2023
3	Best Oral Presentation award for "A cross sectional study to assess the fat consumption pattern among adults suffering from hyperlipidemia"	Dr. Priyanka Pareek	Assistant Professor	International Conference on Public Health & Dietary Lifestyle, Universal Society of Food and Nutrition (USFN)	2023
4	Best Oral Presentation Won 2nd Prize in Category of Basic sciences Grabbed at Zonal level	Ms. Madhu Singh	Students	Ajeenkya DY Patil University Pune, & Association of Indian University New Delhi ,(Anveshan 2023)	2023
5	Best Oral Presentation Won 2nd Prize in Category of Basic sciences Grabbed at Zonal level	Mr. Adhiraj Mule	Students	Ajeenkya DY Patil University Pune, & Association of Indian University New Delhi ,(Anveshan 2023)	2023
6	Best Oral Presentation Won 1st Prize with a gift voucher of Rs 15000 In Impact of Integrated Heartfulness Meditation Technique on Serum Cortisol Levels in Healthy Volunteers	Ms. Amita Kirar	Students	ITM School, Kharghar in association with Heartful Campus and Higher Education Forum	2023
7	Best Oral Presentation Won 2nd Prize with a gift voucher of Rs 15000 In Effect of Heartfulness Meditation on Anxiety, Perceived Stress, Well-being, and Telomere length	Ms. Sanjana P	Research Scholars	ITM School, Kharghar in association with Heartful Campus and Higher Education Forum	2023
8	Secured 2 nd Place in the "Get Gut Right" Recipe Competition	Ms. Saher Sarang	Students	T.A.N.T.R.A 2.0- Cortisol Stories Conducted by Nirmal Niketan College of Home Science in collaboration with IAPEN India- Mumbai Chapter	2023
9	Secured 1 st place in Innovative Food Product Competition	Ms. Saher Sarang	Students	RUSA sponsored National Seminar on "Diversifying My Plate with Traditional Indigenous Foods"- Conducted by Dr.BMN College of Home Science	2023
10	Best Oral Presentation Award for "Nutritional Status and its Association with Perceived Stress Levels of Medical College Students	Ms. Rashmi Kulkarni	Research Scholars	International Conference on Public Health & Dietary Lifestyle, Universal Society of Food and Nutrition (USFN)	2023

11	Award for an Outstanding	Ms.	Research	Conference of Diabetes	2023
11	Contribution as a Diabetes	Rashmi	Scholars	Research and Solutions	2023
	Educator for Improving lives of	Kulkarni	Selioiais	(DRS) organised organised	
	people with Diabetes	1 torrain		by DRS and NDEP (National	
	r - r - · · · · · · · · · · · · · · · ·			Diabetes Educator Program)	
12	Award for an Outstanding	Ms.	Research	Conference of Diabetes	2023
	Contribution as a Diabetes	Chethana	Scholars	Research and Solutions	
	Educator for Improving lives of			(DRS) organised organised	
	people with Diabetes			by DRS and NDEP (National	
				Diabetes Educator Program)	
13	1st Runner Up Award in Apollo	Ms.	Research	Apollo International Clinical	2023
	Clinical Nutrition Quiz 2023	Chethana	Scholars	Nutrition Update 2023	
				Conducted by – Department	
				of Dietetics Apollo Hospitals	
14	Best of Abstracts- PhD Scholars	Ms.	Research	Apollo International Clinical	2023
	Category – selected for Poster	Chethana	Scholars	Nutrition Update 2023	
	Presentation			Conducted by – Department	
				of Dietetics Apollo Hospitals	
15	Award of Excellence for	Dr. Mansee	Professor &	Heartfullness Institute in	2022
	Presentation	Thakur	Head	collaboration with Ministry	
				of AYUSH, Ramiyah	
				University, Patanjali,	
				CCRYN, NIPER and IDMA	
16	Award of Excellence for Poster	Ms.	Research	Heartfullness Institute in	2022
	Presentation	Sanjana P	Scholars	collaboration with Ministry	
				of AYUSH, Ramiyah	
				University, Patanjali,	
				CCRYN, NIPER and IDMA	
17	Best oral presentation award in	Dr.	Assistant	54th NSI annual conference	2022
	"A Study on Depression and	Priyanka	Professor	at NIN, ICMR, Hyderabad	
	Nutritional Status of Elderly	Pareek			
	Population"				













एनएमएमसी यांच्यावतीने स्त्री ज्योती सन्मान सोहळा

आयतिक वंकेट्स सामाजिक कारणांतारी सतत प्रयत्न करत असतात आणि म्हणूनच आधाडीच्या महिला कामगार आणि र क्यक्ता कर्मचान्याच्या विद्वा कामगार आणि र क्यक्ता मान्यता देण्यासाठी या कार्यक्रमाची क्षेत्रात (संचालक विक्रां पुप अंक एच्युकेशन आणि चीआर डायरेक्टर, डार्टजुलनेसा म्हणाल्या, डार्टजुलनेसाथ आणि करून देण्यासाठी काम करतो. आण्ठी कालावा योग्यतेची जाणीव करून देण्यासाठी काम करतो. आण्ठी साध्य करण्यासाठी काम करतो. आण्ठी साध्य करण्यासाठी एक रसा उत्यत्वचणे समाजात स्वतःसाठी एक रसा उत्यत्वचणे समाजात स्वतःसाठी एक रसा उत्यत्वचणे समाजात स्वतःसाठी एक उसा अमर्चा पाठिया देताना आणि ज्यांनी हतराज्या सेवेसाठी कर्तव्यामावनेने हतराज्या सेवेसाठी कर्तव्यामावनेने हतराज्या सेवेसाठी कर्तव्यामावनेने हतराज्या सेवेसाठी कर्तव्यामावनेने हतराज्या सेवेसाठी कर्तव्यामावनेने



श्रीराम पवार. श्रीपमसी: श्रीमती
मिताली संघेती, साहायक आयुक्त
आणि इतर मानवर उपस्थित होते.
सलग दुसऱ्या वर्षी सामुदायिक
सेवा पुरस्त्या वर्षी सामुदायिक
सेवा पुरस्त्या वर्षी सामुदायिक
सेवा पुरस्त्राराये आयोजन करताना
आनंद होत आहे, प्रतेश आंबेकर
(व्यवस्थापत्रीय संखालक, आव
लिफ श्रीकेट्स) म्हणाले, 'आन्ही
लाक्स श्रीकेट्स) म्हणाले, 'आन्ही
लाक्स श्रीकेट्स। म्हणाले, 'आन्ही
लाक्स श्रीकेट्स। म्हणाले, 'आन्ही
लाक्स श्रीकेट्स। म्हणाले, 'आन्ही
प्रत्यासाठी गेल्या वर्षी स्त्री ज्योती
पुरस्त्वार सुरू केले होते. आपण
आपल्या आजुबाजुला पाहिले तर,
आन्ही पाहतो की अत्रते अनेक आरोग्य
आणि स्वच्छता कर्मचारी आहेत जे
जयक परिवम करताता चरंतु त्यांचे
प्रयत्न अनेकदा दुर्लिकेत होतात. या
कर्मचांचांच्या प्रधानवद्यतेवदस दाजि

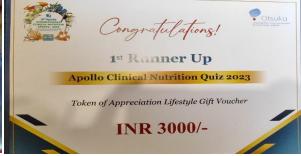
कर्मर्थायांसाठी एकत्र ठेवण्यात आलेल्या सामाणिक प्रवोधनाच्या नाटकासह नृत्य सादर केले. आलम-नागरुकत्ता वादवण्यासाठी आणि शांततेषी मावना निर्माण करण्यासाठी हार्टयुक्तनेसने एक सुव्यवस्थित ध्यान सत्र देखील आयोजित केले होते. त्यानंतर

यस निकविणाऱ्या याच मििःः ।
सरकार करण्यात आला.धात
डॉ. नंदिता शाह यांनी बांटम
विजिक्समध्ये पीएवडी कैली आहे.
नीएसआवादीआय हारे उत्का आणि
वह विद्वानात प्रमाणित वैद्वानिकः
तिने संयुक्त राष्ट्र, नपूर्वीकं २०२३
मध्ये तिथा शोधनिवंध सादर
केला.शीमती अरुण आध्यः
तहसीलदार, जिल्हाधिकारी
कार्यात्वय गुंबई उपनगर, डॉ. मान्योत्वर
कार्यात्वय, निकर्म संख्या मंगेश
वायानकुके अस्तिसर्थट रिजरटर
एसआरण, श्रीमती हुंक्य। नी हावये
परआरण, श्रीमती हुंक्य। नी हावये
परआरण, श्रीमती हुंक्य। नी हावये
परआरण, श्रीमती हुंक्य। नी हावये















STUDENTS PARTICIPATION IN SPORTS:

Ms. Megha Patil, who is currently pursuing an MSc in Medical Genetics at MGMSBS. She has been awarded for her exceptional performance at a prestigious International the 16th World Taekwondo Culture Expo which was held in South Korea. She secured 2nd place in POOMSAE and 1st place in KYORUGI.





SOCIAL RESPONSIBILITY AND OUTREACH PROGRAMS:

Aarambh MGMIHS has conducted various Social Responsibility and outreach programs/activities aimed

at relieving the stress of students and promoting mental well-being. These initiatives are designed to help students relax their minds and enhance their concentration power. Some of the activities include weekly Yoga and meditation sessions led by professional Yoga Trainers. In addition, students have organized meditation and yoga sessions at various locations, such as:

- 1. Yogita Dental College, Khed
- 2. World Mental Health Day at Alkem Laboratory LTD Head Office, Taloja
- 3. Stress management sessions at MGM Hospital for hospital staff
- 4. Corporate connect program for Continental Coffee brand
- 5. Yog Mohatsav at CIDCO Exhibition Center, Vashi

- 6. Yog Mohatsav at SRCM Heartfulness Yoga and Meditation Center, Panvel
- 7. A visit to Kanha Shanti Vanam in Hyderabad, which is the world's largest Meditation center These programs are an integral part of our commitment to student well-being and community outreach.











❖ GREEN AND SUSTAINABLE INITIATIVES / ACTIVITIES

Aarambh MGMIHS Science and Wellness Club is dedicated to promoting environmental sustainability and well-being within our community. To achieve these goals, the club has organized a series of impactful initiatives, including tree plantation drives and cleanliness campaigns. One of our notable endeavors was the tree plantation drive at Adai Hills. During this event, we came together to plant a variety of trees, contributing to the reforestation of this area. By planting trees, we aimed not only to enhance the natural beauty of the region but also to support the environment by increasing green cover, which helps in mitigating air pollution, conserving soil, and providing habitats for wildlife.

In addition to this, we also organized a tree plantation drive within Yog Vatika at MGMIHS. Yog Vatika is a tranquil garden space where students can engage in yoga and meditation, surrounded by the soothing presence of trees and greenery. This initiative emphasizes the importance of wellness and mental balance, showing our commitment to promoting not only environmental health but also the well-being of our students and staff.



Education & Health Awareness/ Camps / Skill Development Programme if any:

Activity	Date of event	No of Programme No. of NSS Volunteers involved			iteers	No. of Beneficiaries	
	event		Male	Female	Total	Deficialities	
Microbiology Poster and Model Making Competition	25-04-2023	2	18	22	40	129	
World Environment day	05 th to 7 th June 2023	4	15	20	35	53	
Blood Donation camp	26-05-2023	1	8	7	15	15	
Nutritional Awareness on Fatty Liver	13-06-2023	1	16	24	40	120	
International Yoga Day 2023	21-06-2023	3	21	17	38	10	
Teachers Day	05-09-2023	1	15	20	35	150	
Innovation Day	30-01-2023	2	18	12	30	129	
National Science Day	30-01-2023	1	15	20	35	150	
International Women's Day	01 st to 08 th march 2023	5	28	35	63	129	
Classical Instrumental by Akal Academy, Baru Sahib	22-02-2023	1	35	28	63	200	
Wellness Run (Marathon) by ITM Business School	26-02-2023	1	4	6	10	10	
NSS Residential Camp	08 th to 14 th March 2023	1	34	46	80	500	
World NSS day	25-09-2023	1	39	105	144	144	
Hindi Diwas	14-09-2023	1	2	3	5	146	
Independence Day	15-08-2023	1	8	12	20	20	
Kashi Tamil Sangamam Samgam in Varanasi	19-11-2022	1	43	85	128	128	

ORGANIZATION OF OTHER ACTIVITIES AT UNIVERSITY LEVEL/UNIT LEVEL

Name of Activity	programme	Date	Partic	ipants		Outcome /
programmes	conducted		Male	Female	Total	Beneficiaries
World Bioethics Day	Rangoli	25-07-2023	4	6	10	2
	Competition					
Swachhtta Mashal Yatra	Rally	31-03-2023	5	6	11	100
Neighborhood Youth	Parliament Bill	16-03-2023	20	32	52	200
Parliament G20	Debates					
Marathi Rajbhasha	Singing	27-02-2023	0	5	5	150
Divas	Competition					
National Martyr's Day	Skit	30-01-2023	16	36	52	200
	Competition					
Workshop and Quiz	Quiz	30-01-2023	64	65	129	200
Competition on Waste	Competition					
Segregation and Single						
Use Plastic						
Central Vigilance	Pledge against	15-11-2022	20	32	52	200
Commission Week	corruption					

> BLOOD DONATION CAMP





> NEIGHBORHOOD YOUTH PARLIAMENT G20





> MICROBIOLOGY POSTER AND MODEL MAKING COMPETITION





> INTERNATIONAL YOGA DAY 2023





❖ AARAMBH: A SCIENCE AND WELLNESS CLUB

The "AARAMBH: A Science and Wellness Club" at MGMIHS is introduced in line with UGC guidelines for promoting physical fitness, mental health, and overall well-being in higher education. Recognizing the crucial role of higher education, the club aims to create a safe and nurturing environment for students, addressing their physical, psychological, and emotional needs.

Mental health plays a vital role in academic success and personal growth. Students facing mental health challenges may experience difficulties in concentration, memory, and motivation, affecting their academic performance. AARAMBH aims to provide a supportive environment that fosters holistic development and equips students to face future challenges.

The club integrates practices like Yoga and Heartfulness meditation, aligning with UGC and WHO guidelines for mental health and well-being. The teachings of Mahatma Gandhi, emphasizing inner peace, are central to the club's mission. The slogan, "World Peace Starts with Inner Peace," encapsulates this philosophy. Gandhi's wisdom guides AARAMBH's activities, with a focus on personal development, inner harmony, and well-being. The club aims to empower students to prioritize their health and well-being through scientific insights and holistic practices. Community service activities are organized to promote empathy and emotional health among participating students. These activities align with Gandhian values and demonstrate the club's commitment to holistic development.

AARAMBH's initiatives have significantly impacted the growth and development of students and healthcare professionals at MGM School of Biomedical Sciences. The Heartfulness CME program, in collaboration with MGM Medical College and the Annenberg Centre for Health, USA, introduced participants to Heartfulness Meditation and its benefits for healthcare professionals. The program enhanced cognitive skills and brain exercises, benefiting over 500 engaged students. The "Tuning into the Heart" program focused on personal growth, wellbeing, and professional effectiveness through heart-cantered wisdom. Master classes in meditation techniques, in collaboration with the Heartfulness Institute, have led to reduced stress and heightened awareness. International Yoga Day celebrations promote a healthier lifestyle, emphasizing physical health as a crucial component of holistic well-being. Cleanliness drives and World Environment Day celebrations highlight the school's commitment to a clean and sustainable environment. The "Pursuit of Inner Self Excellence (POISE)" course, integrated into undergraduate and postgraduate programs, empowers students with essential skills for their careers in allied healthcare. Spiritual youth festivals and visits to Kanha Shanti Vanam underscore the importance of spiritual growth in nurturing wellbeing. Participation in international events like the Rising with Kindness Youth Summit and engagement in conferences demonstrate the school's dedication to holistic well-being and knowledge dissemination. Dr. Mansee Thakur's recognition for her presentation on the role of yoga and meditation in promoting mental and emotional well-being highlights the school's commitment to research and well-being.

In the scientific realm, several research proposals submitted for extramural funding underscore MGM School of Biomedical Sciences' dedication to advancing knowledge. These proposals

focus on areas such as immunomodulation, cardiovascular health, and molecular biomarkers, emphasizing the significance of Heartfulness Yoga and Meditation in health and well-being. We have also published our scientific work in high-impact factor journals such as Frontiers.

The initiatives, achievements, and enriching experiences at MGM School of Biomedical Sciences reflect the college's commitment to holistic development, knowledge advancement, and student well-being. Extending these benefits to other constituent units of MGMIHS aligns with the shared goal of promoting overall student well-being.

Social media account: Instagram @ aarambh.mgmihs (https://instagram.com/aarambh.mgmihs?igshid=NzZlODBkYWE4Ng==).



The Y20 Global Summit was organized in mesmerizing realm of Kanha Shantivanam, Hyderabad with the guidance of Mrs. Mansee Thakhur, Director of MGM-SBS, Mr. Kapil Thakur and other faculties

on 22nd July from 9:00am to 1:00pm. The summit was attended by over 1200 youth from around the world. The panel discussions with Mrs. Mansee Joshi (an Indian para-badminton player), and Mrs Ayonika Paul (an Indian rifle shooter in Olympics) Mr. Swayam Srivastava (Renowned Motivational poet) Mr. Himadrish Suwan – (Chairperson confederation of young leaders, Winner of Global young achiever's award. Founder of "Mission -E-Safai") Mr. Vikrant Gharat – (Motivational Speaker,



Author) Mr. Kunal Tilak – (Track Chair, Y20 Secretariat and Great-great-grandson of Lokmanya Balgangadhar Tilak) were like a gathering of majestic dragons, breaking down barriers and shaping the destiny of our future. The event had panel discussions on physical, emotional/mental and spiritual wellness. The summit saw a closure through a musical finale by triple Grammy winner Ricky Kej. The students were all blessed to explore the serene beauty of Kanha. Meditating in its tranquil surroundings, we tapped into the primal energy that resides within us all. The serenity transformed the students, healed their emotions and awakened their spirits. The environment of Kanha, with its lush greenery and vibrant wildlife, made them feel free, alive, and deeply connected to the natural world and also made them aware of physical, mental and environmental wellness.

MGM SCHOOL OF BIOMEDICAL SCIENCES AURANGABAD

ABOUT

MGM School of Biomedical Sciences, Aurangabad.

The School of Allied Health Sciences was established in 2010. The School is running various B. Sc Allied Health Sciences courses. The purpose to establish the School is that there are so many economical poor students so that by getting these para medical degrees, they will get job and survive. In future they will be a good and skill full technician. This community is in need of knowledge regarding public health. This education is helpful to this community as for as importance of health is concerned. GOALS: The Goal of the School is "To t rain & educate the future technicians and to create supportive allied Health Science staff to serve in the f ield of health care".

Objectives:

- To provide basic human science knowledge to the Allied Health Sciences students.
- To impart skills and practical knowledge to students by exploring them to various procedure or practical's.
- To improve their comprehensive skills & applied knowledge. Key facts & Figures:
- One of the leading schools of Allied health Sciences in Maharashtra
- Well equipped laboratories with focus on new- age equipment
- Highly qualified faculties
- Practical t raining at the on- campus 900 + beds super speciality MGM Hospital.



Dr. Rajesh Dase

I/C Director, MGM School of Biomedical Sciences, Aurangabad

MESSAGE FROM DIRECTOR

MGM School of Biomedical Sciences Aurangabad campus is established with an aim of developing proficient healthcare professionals. MGM School of Biomedical Sciences is one of the premium Institutes in Marathwada region offering graduation post graduation in allied sciences. The college is determined to outshine the yardstick set, thus uplifting to higher t rajectory in developing, designing and delivering of curriculum, t raining the budding allied health professions to acquire clinical acumen and skills while promoting research relevant to local, regional and national needs. Presently there are very few institutions which impart proper t raining 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 handson t raining of the program. Effective delivery of healthcare services depends largely on the nature of education, t raining 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; i t believes in imparting i ts 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 t ranslate their dreams into reality. Dr. Rajesh K. Dase Director School of Biomedical Sciences, Aurangabad [MS], India.

MGM SBS FACULTIES



20 INTAKE	B. Optometry UG Programme
05 INTAKE	BSC. PERFUSION TECHNOLOGY UG Programme
10 INTAKE	BSC. CARDIAC CARE TECHNOLO UG Programme
30 INTAKE	BSC.MEDICAL LABORATORY TECHNOLOGY UO Programme
20 INTAKE	BSC. MEDICAL DIALYSIS TECHNOLOGY UG Programme
20 INTAKE	BSC, OPERATION THEATRE TECHNOLOGY AND ANESTHESIA UG Programme
30 INTAKE	BSC. MEDICAL RADIOLOGY AND IMAGING TECHNOLOGY UG Programme

PRO	OGRAMME
10	MSC.CLINICAL RESEARCH
INTAKE	PG Programme
02	MSC.MEDICAL RADIOLOGY AND IMAGING TECHNOLOGY
INTAKE	PG Programme
02	MSC, CARDIAC CARE TECHNOL
INTAKE	
02	MSC.MEDICAL BIOTECHNOLOG
INTAKE	
02	MSC.RENAL SCIENCE AND
INTAKE	DIALYSIS TECHNOLOGY PG Programme
02	MSC.MEDICAL GENETICS.
INTAKE	
Duration o	f UG Programme is 2 Years .

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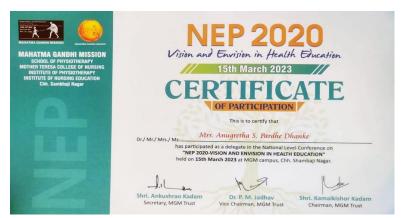
COLLABORATION/LINKAGES

MOU

MGM SBSA has signed 5 MOUs with the following companies which states different clauses including recruitment of passed out students of MGM SBSA after their completion of internship.

- 1. Titan Eye Plus (C/O. Borkar Ventures), Pune.
- 2. Manish Jewels & opticals, Aurangabad.
- 3. GTT Foundation Pune.
- 4. Ozone Anesthesia & Crtical Care Pvt Ltd, Abad.
- 5. Titan Eye Plus Kalpataru Enterprises Aurangabad.

FACULTY DEVELOPMENT PROGRAM







FACULTY DEVELOPMENT PROGRAM





ACTIVITIES BY MGM SBSA

Extracurricular activities are utmost important in a student's life. Students who get involved in extra activities meet new people and because of that their social skills are improved. Students can expand their network which is also beneficial in f inding better career opportunities.

- Confidence
- Improving physical health
- Developing responsibility
- Better academic performance
- Develop specialized skills



Healthy food competition 13/09/2022



Healthy food competition 26/09/2023



Aurangabad Aurangabad

Constitution Day 28/11/202

Christmas day 24 /12/2023



Bharatiya Bhasha Divas 12/12/2021



University exam preparation Session 16/01/2023



GTT Foundation 10/02/2023



World Kidney Day 08/03/2023



World Optometry Day 23/02/2023



Ambedkar Jayanti 13/04/2023



Blood Donation Camp 13/04/2023



Personality Development Session 17/04/2023



Bioethics day 24/07/2023



Induction Program 01 to 08 August 2023





Induction Program UG and PG



Role Play on Nutrition week 24/09/2022



World Anaesthesia Day 14/10/2022

MGM INSTITUTE'S UNIVERSITY DEPARTMENT OF PROSTHETICS AND ORTHOTICS NAVI MUMBAI





With the Motto "Service to man is service to God", the Department of Prosthetics and Orthotics started rendering services in 2011, under the MGM Medical College and Hospital, Navi Mumbai.

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

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

MGM Institute's University Department of Prosthetics and Orthotics ensures friendly, supportive and safe environment through various measures that make the Campus a zero-tolerance-campus for ragging, sexual harassment and smoking.

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

ACADEMIC COURSES RUN

Sr. No.	Name of the Institution	Level of course	Course name	Intake capacity	Students admitted
	MGM Institute's University	Under	Bachelors in		
1.	Department of Prosthetics and	Graduate	Prosthetics and	25	10
	Orthotics	Graduate	Orthotics		

TEACHING FACULTIES

Sr. No.	Name of the Institution	Professo	r Associate Professor		Tut /Demon		Reside	ent Remarks
1.	MGM Institute's University Department of Prosthetics and Orthotics	Nil	1	3	2		Nil	Requirement s as per RCI Norms and Guidelines.
	Designation		Name of th	e Teaching f	aculty	Qualifi	cation	Specialty (as per experience)
A	Principal & Associate Professor		Dr. Uttara Deshmukh (P&O)			MPO, BPO		Orthotics
A	Assistant Professor		Dr. Deepshikha Raut (P&O)			MPO, BPO		Prosthetics
A	Assistant Professor		Dr. Subhasish Paikray (P&O)			MPO, BPO		Biomechanics
A	Assistant Professor		Dr. Gauri Panse (P&O)			MPO, BPO		Orthotics
Tu	tor/ Demonstra	ntor [Dr. Ravi Barela (P&O)			BPO		Prosthetics
Tu	tor/ Demonstra	tor [Dr. Simranjeet Kaur Manni (P&O)		BPO		Orthotics	

DETAILS OF NON-TEACHING PERSONNEL OF THE INSTITUTE

SR. No.	Name of the Employee	Qualification
1.	Mr. Akash Katariya	M.Com

NUMBER OF FACULTY DEVELOPMENT PROGRAMMES ORGANIZED BY THE COLLEGE DURING THE LAST ONE YEAR

Sr. No.	Name of the Institution	Seminar/Workshop/Symposia on Curricular Development Teaching Learning, Assessment Etc.
1.	MGM Institute's University Department of Prosthetics and Orthotics	3 rd National Conference of Indian Association of Assistive Technologists
2.	MGM Institute's University Department of Prosthetics and Orthotics	CRE on Prosthetic Management of Hip
3.	MGM Institute's University Department of Prosthetics and Orthotics	Disarticulation Amputee IIC Activity – MY STORY "Motivational Session by Successful Entrangenous"
4.	MGM Institute's University Department of Prosthetics and Orthotics	by Successful Entrepreneur" IIC Activity – Transformation of Idea into Start-up – Webinar of Startup Entrepreneur.

LIBRARY

Sr.No.	No.	of Books				
	Text Books	Reference Books	National	International	E-Journals	
1	24	-	01	01	-	

RESEARCH

Ongoing /completed research projects: - clinical evaluation of effectiveness parameters with gait analysis using masc-kafo: a comparative preliminary study of masc-kafo & the conventional kafo with drop-lock.

Research publication

Sr. No.	International Journals	National Journals	University /College Journals	Books Published	Awards/Recognitions /Patents Filed	
	International Society for	Journal of Orthotics Prosthetics				
01	Prosthetics &	Association of India	NIL	NIL	03	
	Orthotics	(JOPAI)				

No. Of National /International conferences/C.R.E. organized by the institution: - TWO

Contribution in national/international conferences

Sr. No.	Name of the Presenter	Designation	International/ National Conference	Name of the Paper	Mode of Presentation
1.	Dr. Subhasish Paikray (P&O)	Associate Professor	Shodh Shikhar -2023 International Research Paper and Project Symposium	Simple Cost-Effective Laser Alignment Postural Device for Prosthetic and Orthotic Clinic	Offline Mode of Presentation.
2.	Dr. Uttara Deshmukh	Associate Professor	3 rd National Conference of Indian Association of Assistive Technologists	Poster Presentation on Unant Bharat Abhiyan	Offline Mode of Presentation.

VISIT / INTERACTION TO THE INSTITUTE BY EMINENT VISITORS / SPEAKERS

Sr. No.	Name of The Eminent Visitors/Speakers	Designation And Name of the Institution	Date	Purpose of Visit/ Interaction
01	Mr. Gautam Jain (P&O)	Clinical Head, Endolite India Pvt. Ltd	28 th November 2022.	As a Chief Guest & Resource Person in RCI C.R.E on Prosthetic Management of Hip Disarticulation Amputation.
02	Mr. Pankaj Sinha (P&O)	Director, Sai Prosthetics & Orthotics Research Center	28 th November 2022.	As a guest speaker in a IIC Motivational Session Activity.
03	Mr. Siddarth Dagga	Chief Impact Officer, Neo Motion Pvt. Ltd.	26 th August 2023.	As a guest speaker in a IIC Activity.
04	Mr. S.A. Deshpande	Keynote speaker of IAAT Conference	22 nd December 2022	As a P & O Expert for improvisation of department

RECEIVED AWARD DETAILS: -

Sr No	Name of The Person	Type of Award	Award Deatils	
01	Dr. Subhasish Paikray (P&O)	Gold Prize & Rs. 10,000 Cash Prize	In research paper category at SHODH SHIKHAR – RESEARCH COMPETITION 2022	
02	Ms. Apeksha Ubhare (Student)	1 st Prize & Rs. 11,000 Cash Prize.	In Deign Improvement Category of Gandhi Engineering Idea Competition -2022	
03	Ms. Apeksha Ubhare (Student)	Chancellor Award	For Best Performance In 4 Years of Academic Life At Mgmiudpo	

AWARD DETAILS OF MGMIUDPO

1ST PRIZE Prize In Design Improvement Category Person Received – Ms. Apeksha Ubhare (B.P.O Student)

Auro University, Surat, Gujarat organized an international competition "Gandhi Engineering Idea Competition -2022 in which they invited various scientific ideas from all over the World. **Ms. Apeksha Ubhare**, Internship student from MGM Institute's University Department of Prosthetics & Orthotics, applied in this competition with her project i.e.

"STANDING SPINAL CASTING FRAME" which is a cast taking frame used to take measurement of spinal Braces for correction, prevention of any type of spinal deformities. On the occasion of Gandhi Jayanti-2022 i.e. on 2nd November they announced the winner in which





the Project of Ms. Apeksha Ubhare i.e. "STANDING SPINAL CASTING FRAME" won FIRST PRIZE in Design Improvement category also she received Rs. 11,000 cash prize from the organizer.

1ST PRIZE In Design Improvement Category.

Person Received – Dr. Subhasish Paikray (P&O) – Faculty, Mgm Institute's University Department Of –Prosthetics & Orthotics.

DETAILS - Shodh Shikhar-2023, annual International Research Paper & Project Symposium is a unique science competition event, which was organized by Rabindranath Tagore University,





Bhopal, where students, professionals and research scholars of various fields present their innovative ideas and learn about various new technologies by interacting with other professionals. Dr. Subhasish Paikray from MGMIUDPO presented his project "Simple Cost-Effective Laser Alignment Postural Device for Prosthetic & Orthotic clinic" and gave presentation on second day of event in ront of all jury members. For this presentation he was awarded as Second-Best Prize in Gold Category and received Rs. 10,000/-

CRE/WEBINAR/WORKSHOP ACTIVITIES OF MGMIUDPO

CRE ON PROSTHETIC MANAGEMENT OF HIP DISARTICULATION AMPUTEE.

Purpose - To update about various advances in the area of assistive technology in the field of rehabilitation

Location – MGM Institute's University Department of Prosthetics & Orthotics, Kamothe, Navi Mumbai.

Date: 07th & 08th October 2022.

No. of participants: 06 faculties, 53 Students, and 06 Professionals (RCI REGISTERED)

<u>OUTCOME</u>: MGM Instituter's University Department of Prosthetics and Orthotics organized Two days C.R.E at MGMIUDPO to upgrade the knowledge on Prosthetic Management of Hip Disarticulation Amputee. Dr. Gautam Jain (Prosthetist & Orthotist), Clinical Director, Endolite India Pvt. Ltd. came as a Chief guest and resource person gave a wonderful knowledge on the topic of Hip Disarticulation Amputation theoretically as well as practically. Later he demonstrated Casting, Modification, Alignments of Hip Disarticulation amputee and fitting of Prosthesis to patient which was the greatest resource for all.

GLIMPSES OF THE EVENT





3rd National Conference of Indian Association of Assistive Technologists

Name of the event: "Assistive Technology –A new era in Rehabilitation"

Purpose: To update about various advances in the area of assistive technology in the field of

rehabilitation

Location: Auditorium 3rd Floor MGM University, Kamothe, Navi Mumbai.

Date: 22nd & 23rd December, 2022

PROCEEDINGS OF THE EVENT

Indian association of Assistive Technologists in collaboration with MGM Institute's University Department of Prosthetics & Orthotics (MGMIUDPO), Kamothe, Navi Mumbai organized two days national conference of Indian Association of Assistive Technologists at MGM Institute of Health Sciences, Navi Mumbai campus. The event was full of lectures of eminent faculty from various fields in the rehabilitation, who shared their knowledge and experience with all the participants. Various national and multinational companies in the sector of assistive

technology showcased their equipment to all the participants. In the two days program cultural evening where dance and singing program inclusive of a full enthusiasm was organized by the students of MGMIUDPO and AIIPMR which was appreciated by the spectators.





Lamp lightening by chief guest

Lecture by Mrs. Albina Shankar



Participants - Professionals of Conference with chief guest

TRANSFORMATION OF IDEA INTO STARTUP – IIC CALENDAR ACTIVITY

Name of the event: "Transformation of idea into start-Up"

Purpose: To mentor the students for initiation to transform idea into Start-up.

Date: 26th August 2023.

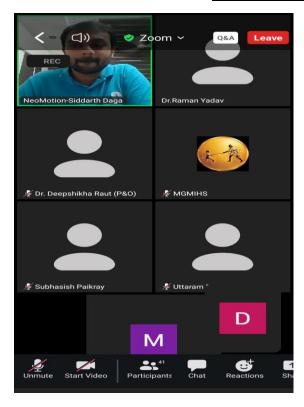
Guest of the event – Mr. Siddarth Daga, Chief Impact Officer, Neomotion a company incubated by IIT Madras.

PROCEEDINGS OF THE EVENT

A startup is an idea that forms the basis of a person's business venture. In the field of rehabilitation, many professionals have start-up with a revolutionary idea of providing better services to the Divyangjan. The upcoming BPO professionals / Students of MGMIUDPO need to learn how to go ahead with a startup company with innovative ideas, so Mr. Siddharth Daga shared his startup journey with all students and shared the ups and downs of this process. He emphasized that the startup incubator must follow the rules of consistency by which finally he/she will get success in future. All students asked various questions to him and he

enthusiastically solved all the doubts of students. The session was highly knowledgeable for students and faculty of MGMIUDPO.

GLIMPSES OF THE EVENT





EXTENSION ACTIVITIES

CELEBRATION OF TEACHER'S DAY -2022

Name of the Event: Celebration of Teacher's Day -2022

Date: 07th September 2022.

No of participants: 06 faculties & 1 Admin Staff and 25

Students of MGMIUDPO **Proceedings of the event:**

Department of Prosthetics & Orthotics celebrated Teacher's Day - 2022 with full joy and excitement. Students of invited all faculties for celebration. Also, students shared their view on Teacher's day and how teachers helped them throughout the journey till date for their growth. Lastly cake cutting ceremony was done by teachers.



CELEBRATION OF FIRST INTERNATIONAL PROSTHETICS AND ORTHOTICS DAY WITH PATIENTS AT MGMIHS CAMPUS.

Name: Celebration of First International Prosthetics & Orthotics Day with Patients at MGMIHS Campus.

Purpose: To Motivate especially abled patients as well as P&O professionals to dedicate their knowledge to the society.

Date & Time: 02nd November, 2022.

No of attendees: 04 faculties & 1 Admin Staff and 32 Students of MGMIUDPO.

Proceedings of the event:

On the occasion of First International Prosthetics & Orthotics Day, all specially abled patients of MGM Institute's University Department of Prosthetics & Orthotics (MGMIUDPO) faculties and B.P.O students gather at MGM Medical College, Navi Mumbai.

Department organized a poster coloring activity for all the patients and students. All of them actively participated in the event and made beautiful poster by use of various colors which signifies enabling and empowerment of Divyangian after Prosthetics and Orthotics rehabilitation.

Lastly Honorable Registrar, Dr. Rajesh B. Goel, Dean Dr. G.S Narshetty & Research **Director**, Dr Savita Ram of MGM Institute of Health Sciences joined the event and interact with the patients and students and appreciates effort of all.

This day was celebrated as one of the best days in Prosthetic and Orthotic Professionals.

GLIMPSES OF THE EVENT





CELEBRATION OF FIRST INTERNATIONAL PROSTHETICS AND ORTHOTICS DAY-2022 AT GATEWAY OF INDIA POINT.

Name: Celebration of First International Prosthetics & Orthotics Day at the Gateway of India, Mumbai.

Purpose: To spread awareness about the

Prosthetics & Orthotics field in the

society.

Date: 05th November, 2022.

No of attendees: 29 Students & 03 faculties of

MGMIUDPO.



Proceedings of the event:

On the occasion of First International Prosthetics & Orthotics Day, all the faculties and the students of MGM Institute's University Department of Prosthetics & Orthotics gathered at the Gateway of India. A small speech was given by Dr. Uttara Deshmukh, HOD, MGMIUDPO, regarding the significance of this day.

The event started with an Oath Ceremony in front of the Gateway of India. Every present individual vowed their commitment to the P&O field. They also pledged to provide the best services to the Divyangjan in the society with the latest available and advanced technologies. They will provide their knowledge to the PwDs regarding various facilities and disability acts meant for them. Lastly, the vowed not to support any quacks in their careers.

There was a poster colored by Divyangjan, faculties & students which signified enabling & empowerment of specially abled people. The poster delineated that the field of Prosthetics & Orthotics is not limited to the human rehabilitation scope but extends further to the animals as well. Further on, the students demonstrated various placards which portrayed awareness slogans about the field.

CELEBRATION OF VIGILANCE AWARENESS WEEK -2022.

Name: Celebration of Vigilance Awareness Week -2022

Purpose: To spread awareness among the youth about the role of

CBI & other Vigilance awareness sector.

Date: 22nd November 2022.

No of attendees: 03 faculties and 27 Students of MGMIUDPO.

Proceedings of the event:

MGM Institute's University Department of Prosthetics & Orthotics organized a debate competition to celebrate Vigilance awareness week-2022 on the topic "Naitik **Patan Hi Badhte Hue Bhrashtaachaar ka ek matra Karan Hai** "which is based on the theme of this year i.e. corruption free India. The activity was conducted in the presence of Dr. Uttara Deshmukh where the students and faculty equally participated very enthusiastically. Many of the points regarding vigilance and issues related to corruption were discussed. Overall the activity was beneficial for all students. They got to know about the updated schemes of the board.

CELEBRATION OF INTERNATIONAL DAY OF PERSONS WITH DISABILITIES-2022 WITH MGM SCHOOL OF PHYSIOTHERAPY AT URAN

Name: Celebration of International Day of Persons with Disabilities -2022.

Purpose: To spread awareness about the Prosthetics & Orthotics field in the society.

Date: 3rd December, 2022

No of attendees: 3 faculties and 19 Students of

MGMIUDPO.

Jawaharlal Nehru Port Trust Township, Maharashtra, India WX2H+Q67, Sector 2, Jawaharlal Nehru Port Trust Twp, Maharashtra 400707, India Lat 18,903986* Long 72,977982* 03/12/22 12:47 PM GMT +05:30

Proceedings of the Event:

MGM Institute's University department of Prosthetics & Orthotics (MGMIUDPO) in association with MGM School of Physiotherapy (MGMSOP) celebrated International Day of

Persons with disabilities 2022. The day was about promoting the rights and well-being of persons with disabilities at every level of society and development and to raise awareness for the persons with disabilities in all aspects of political, social, economic and cultural life. This year Divyang Samajik Sanstha, Uran invited MGMIUDPO and MGMSOP for organizing a Divyang Patient assessment camp at Uran. The event started with Health Check-up camp. Faculty & students of both the departments did health checkup of patients and suggested suitable therapeutic & Prosthetic and Orthotic devices as per the condition. The health checkup camp ended at 04:00 PM and later refreshments were served to the patients. Some patients came to the department after the camp for fitment of P&O devices and department successfully fitted P&O devices to them for correction and prevention of any type of Orthopaedic disabilities. Total 25 Patients were benefitted with this camp.

CELEBRATION OF BHARTIYA BHASHA UTSAV- 2022 AT MGMIUDPO

Name of the event: Celebration of Bhartiya Bhasha Utsav.

Purpose:

- 1. To create an awareness among learners, teachers and parents about the linguistic diversity and multilingual characteristics of India through language learning.
- 2. To highlight the need to focus on Indian languages for the development of the nation and "Ek Bharat Shreshtha Bharat".

Date: 17th December 2022.

No. of attendees: 15 students and 05 faculties.



Proceedings of the Event -

MGM Institute's University Department of Prosthetics and Orthotics (MGMIUDPO) had taken the initiative of organizing an event for celebration of Bhartiya Bhasha Utsav.

The program started with an introduction of the event by Mr. Kartik Agrawal (First year BPO). He gave a brief idea about importance of Bhartiya Bhasha Utsav. First Year BPO students took an initiative to perform. They dressed up in their ethnic wears and expressed few words about their culture. Also, faculties from MGMIUDPO came forward to share the information about their respective state from which they belong too. This helped all of us to explore more about different states of India. Students participated in this activity with full enthusiasm. They had fun and an enjoyable experience.

STUDY TOUR OF MGMIUDPO

1st STUDY TOUR

Name of the event – Educational Visit to All India Institute of Physical Medicine & Rehabilitation, Mahalaxmi, Mumbai.

Purpose of the event – To provide an opportunity to the students to learn about a core subject in a more interactive & immersive way.

Date- 23rd March 2023

Total number of students: 16 (Third & Final Year BPO Students) **Faculty**: 01 (Dr. Simranjeet Kaur Manni, Demonstrator, MGMIUDPO.)

Proceedings of the event:

An Educational visit was organized to **All India Institute of Physical Medicine & Rehabilitation**, Mahalaxmi, Mumbai for third & final year BPO students to get the exposure about various sections for holistic rehabilitation of a patient in a pioneer institute for physical rehabilitation. During the visit students were given an opportunity to learn about specialized departments in the institute broadly classified as Metal, Wood, Leather and Plastic departments which give practical training to students on these materials during academic tenure. Our students also got exposure to the variety of conventional to advanced technologies by which they upgraded their knowledge in the core subjects.





2nd STUDY TOUR

Name of the event – Industrial Visit to Proactive Technical Orthopedics Pvt. Ltd, Pune.

Purpose of the event – To motivate and enable the students to have better exposure in the area of innovation and manufacturing related to the Prosthetics & Orthotic Field.

Date- 30th May 2023

Total number of students: 09 (Final Year BPO Students)

Faculty: 01 (Dr. Ravi Barela, Demonstrator, MGMIUDPO.)

Proceedings of the event:

An Industrial visit was organized to Proactive Technical Orthopaedics Pvt Ltd, Pune for final year BPO students to get the exposure in the areas like manufacturing Prosthetic & Orthotic equipment by the use of CAD-CAM technology etc., by which they can manufacture various

type of equipment in low cost and can maintain high standard protocol which can be provided to needy patients.

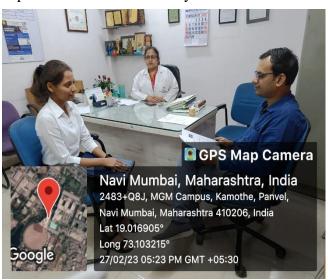
GLIMPSES OF THE VISIT



PLACEMENT DETAILS OF MGMIUDPO

1st Interview

- MGM Institute's University Department of Prosthetics & Orthotics organized 1st Campus interview for the BPO internship students on 27th February 2023.
- The name of the company name: **Evolution Prosthetics** Orthotics Pvt. Ltd. They have their centers at Pune, Mumbai, Goa, Kolkata and Bangalore.
- Total 13 number of students had applied for the interview and 4 of our students have selected for campus interview in this company.
- Name of Students who are selected - (A) - Ms. Apeksha Ubhare, (B)-Ms. Pradnya Gawde, (C)- Mr. Hitesh Chorge, (D)- Mr. Vighnesh Bidre.



GLIMPSE OF THE INTERVIEW

2nd Interview

MGM Institute's University Department of Prosthetics & Orthotics organized 2nd Campus interview for the BPO internship students on 28th February 2023.

The name of the company name: Mahaveer Enterprises Pvt. Ltd. They have their





- Total 15 number of students had applied for the interview and 2 of our students have selected for campus interview in this company.
- Name of Students who are selected – (A)- Mr. Siddhesh Malli, (B) -Mr. Shivam Pandey.



Introduction:

11

MGMIHS NSS unit is established since Sept 2019 with one NSS Programme Coordinator and 8 Programme Officers from the constituent colleges under MGMIHS. MGMIHS NSS Unit has been allotted 500 NSS students Volunteers by Higher education and Technical Department, Government of Maharashtra, once in every 2 years.

Objectives of MGMIHS NSS Unit:

- To prepare undergraduate Medical and Paramedical students to function as community and first level physicians and paramedical workers in accordance with the institutional and national goals.
- To fulfill the goal of this esteemed institute, the undergraduate students have been oriented & develop the aptitude for social service & Community outreach activity during curricular & co curricular sessions.
- To understand the community in which they work & understand themselves in relation to their community
- To identify the needs and problems of the community and involve them in problem solving process; develop among themselves a sense of social and civic responsibility; utilize their knowledge in finding practical solution to individual and community problems;
- To develop competence required for group living and sharing of responsibilities; gain skills in mobilizing community participation;
- To acquire leadership qualities and democratic attitude; develop capacity to meet emergencies and natural disasters and practice national integration and social harm

Allotment of NSS Volunteers: MGMIHS has been allotted a NSS unit with 500 students by Higher Education & Technical Department, Government of Maharashtra. Actual Enrollment of NSS volunteers University Date of Self Finance NSS Unit Name advisory Committee NSS strength No of Self Male Female Total (2019-2020) allocated in **Finance Units** 2019-20 Self Finance MGM 500 (300 Institute of MGM NM + 203(40.6) 293 (58.6) 496 (99.2) 01 Health 200 MGM Sciences Aurangabad)

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

	Constituent Colleges of MGMIHS	Allotted NSS Volunteers by Higher Technical Education	Actual Regis	tration of NSS V	olunteers
			Male	Female	Total
	MGM MC, Navi Mumbai	143	70	73	143
	MGM , SBS, Navi Mumbai	80	20	60	80
\setminus	MGM , School of Physiotherapy, Navi Mumbai , MGM School of P & O	30	4	13	17
	MGM , School of Nursing , Navi Mumbai	40	1	39	39
	MGM MC, Aurangabad	140	67	73	140
	MGM , SBS, Aurangabad	30	17	13	30
	MGM , School of Physiotherapy, Aurangabad	30	17	18	35
	Total	496	203	293	496

Different Activities Conducted by NSS Volunteers

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

- Family visit, Interaction with family Members with help of Social work techniques
- Social service Camps, diagnostic camps in community, MJPJAY camps, Blood Donation Camps
- Village Health Survey & Social Mapping, Swatchataa Survekshan Abhiyan, Defecation free campaign, Environment Sanitation & No plastic use drive.
- Tree plantation Drive in adopted villages & College campuses
- Celebration of important Public Health Days & Health awareness drive for the community.
- Health Education on Common ailments in community with the help of Role play, IEC, songs, video, street plays & Rallies
- Social Networking with stake holders like Sarpanch, Community Members, and Health teams in Public Health Sectors for better implementation of National Health Programmes.
- Community based research project as co- curricular activity like ICMR STS project, small projects funded by University research cell.
- Adaptation of villages under Unnat Bharat Abhiyan and working for Community development, Conducting multi-diagnostic camps, IEC, Cleanliness drive in the villages.
- NSS Volunteers were involved in NSS Residential camps. different activities in adopted villages in catchment area like IEC activities on common problems in the villages, Conducting multi-diagnostic camps, and Cleanliness drive in the villages, awareness to villagers about health, education, different schemes of government, financial security etc.

Activities conducted by NSS Volunteers

Activities	Total No	NSS Volunteers Involved	Total Beneficiaries
Tree Plantation	6	150	305 Tree Plantation done in the campus
Blood Donation Camps	13	354	1318 Blood donation
Health education & Awareness	76	3448	4980 pts & relatives
Yoga Training	9	670	600 staff
Pulse polio Immunization	2	40	250 under five children s
Health education Rallies	7	192	388 community people in catchment area of MGM
Street plays	2	55	hospital patients & relatives
Anemia Prevention drive	1	30	37 Beneficiaries

Activities	Total No	NSS Volunteers Involved	Total Beneficiaries
Birth Anniversary of Mahatma Gandhi	4	80	Cleanliness Drive at Belapur CBD , Health awareness camp
Constitutional Day Celebration	7	346	455 Beneficiaries
Unity Day	2	320	
World Diabetes Day	3	31	350 Beneficiaries
World Population Day	3	32	127 Beneficiaries
Republic Day Celebration	1	100	500 students & staff attended the programme
International environment day On 5 th June 2020	03	36 NSS Volunteers online activity	awareness created among 31 students, cleanliness drive at Jewels of Navi Mumbai and inhouse tree plantation and mango seed donation drive.
Health Camp	24	884	2401 community people benefitted by

Celebration of important days:

Celebration of Important Health days	Total No	NSS Volunteers Involved	Total Beneficiaries
Marathi Rajbhasha Day on 27 th Feb 2023	3	21	300 Beneficiaries
International Women's Day on 8/03/20203	4	323	BSC students and interns
World Hypertension Day	1	9	25 Beneficiaries
No Tobacco Day	1	9	25 Beneficiaries
World Cancer day	1	7	18 Beneficiaries
Patient Safety Week	1	134	162 Beneficiaries
World AIDS Day	3	97	200 beneficiaries

Celebration of important days:

Celebration of Important Health days	Total No	NSS Volunteers Involved	Total Beneficiaries
Swachhata Bharat Abhiyan	14	198	264 Beneficiaries.
World Breastfeeding Day	2	19	64 Beneficiaries
Celebration of BabaSaheb Ambedkar Jayanti	4	52	
Independence Day	4	150	Showcase of cultural diversity through a fashion show and flag hoisting
Teachers Day	2	155	150 Beneficiaries +Awareness about significance of high education in Nere High School

Glimpses of activities Done by MGMIHS NSS Unit during Glimpses of International Yoga Day Celebration at MGMIHS NSS Unit



Glimpses of Marathi Rajbhasha Din Celebration at MGMIHS NSS unit



NSS Netrutava Award for Exemplary Leadership 2022-23 to Dr. Madhavi Mankar MGMIHS NSS Programme Coordinator



Tree Plantation Drive at MGMIHS



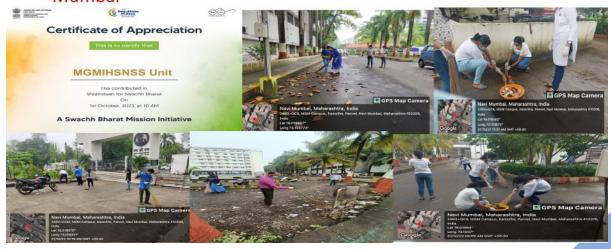
Residential NSS Camp at MGMIHS



Residential NSS Camp at MGMIHS



Swachhta Hi Sewa Campaign At MGMIHS , Kamothe, Navi Mumbai



Swachhta Hi Sewa Campaign At MGMIHS , Kamothe, Navi Mumbai



Blood Donation Camp organized at MGMIHS NSS Unit



Future Plan of MGMIHS NSS Unit:

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



Introduction: The Bioethics Unit at MGMIHS, Navi- Mumbai was established by the UNESCO Chair in Bioethics Haifa on 23rd August 2018. The '3 T plus & Integrated Bioethics Health Science Training Program' was conducted at MGMIHS, Navi-Mumbai from 22nd to 24th August 2016, by UNESCO CHAIR BIOETHICS (HAIFA) and from 11th to 13th October 2018 at MGM Medical College, Aurangabad.

There are 21 members in the Bioethics Unit which include Dean, Principals and Faculties from constituent colleges from both MGM Navi Mumbai and Aurangabad campuses. The Student's wing of MGMIHS Bioethics Unit, was inaugurated by Prof.Mary Mathew, Head Indian Program of UNESCO Chair in Bioethics, Manipal, India on 04/12/2020. The Student's wing includes selected UG and PG students from MGM Medical, Nursing, Physiotherapy, Biomedical Sciences and MGM Institute's University Department of Prosthetics & Orthotics, Navi-Mumbai and Aurangabad campuses and are involved in carrying out various activities conducted by MGMIHS Bioethics Unit.

Activities conducted by MGMIHS Bioethics Unit, Navi Mumbai

<u>"Celebration of World Bioethics Day –2022" at MGM Navi Mumbai and Aurangabad</u> campuses from 15th to 19th October 2022.

The MGMIHS Bioethics unit celebrated the 'World Bioethics Day 2022' from 15th to 19thOctober 2022, as per guidelines given by chair. Various events and activities were conducted with a view to sensitize and inculcate the principles of Bioethics in students and Faculties. The Nodal officer cum Secretary MGMIHS Bioethics Unit- Dr. (Mrs.) Mrunal Pimparkar (MGM Navi Mumbai campus) and The Nodal officer, MGMIHS Bioethics Unit-Dr. (Mrs.) Gauri Bapat (MGM Aurangabad campus) organized the 'World Bioethics Day 2022' in MGM's constituent colleges in Navi Mumbai and Aurangabad campuses.

The theme for World Bioethics Day 2022 Competition was "Social Responsibility and Health".

"World Bioethics Day 2022 celebrations" at MGM NAVI MUMBAI CAMPUS from 15TH -19th OCTOBER 2022

A total of 146 students from constituent colleges of MGMIHS, Navi Mumbai campus ie. MGM Medical College, MGM school of Physiotherapy, MGM New Bombay College of Nursing, MGM School of Biomedical Sciences & MGM Institute's University Department of

Prosthetics & Orthotics, Navi-Mumbai participated in Essay, painting, poetry, poster, Short films and videos, Role play and Rangoli competitions.

Sr. No	Name of Event	Name of Judges	Total no of Participants	Prize winners
1.	Essay competition	1) Dr. Pradeep Sawardekar Professor, Community Medicine 2) Dr. Pradeep Jadhav Asso.Prof, Pharmacology	74	First Prize: Ms. Dishti Solanki MGM School of Physiotherapy, Navi Mumbai Second Prize: Ms. Prerana. L.Indile MGM School of Biomedical Sciences, Navi Mumbai Third Prize: Ms. Heli Savla MGM School of Physiotherapy, Navi Mumbai
2.	Poetry competition	1) Dr. Pradeep Sawardekar Professor, Community Medicine 2) Dr. Pradeep Jadhav Asso.Prof, Pharmacology	16	First Prize: Ms. Aditi Panigrahi MGM New Bombay College of Nursing Second Prize: Ms. Sonali Anil Bhosale MGM New Bombay College of Nursing Third Prize: Dr. Sindhu Thomas MGM New Bombay College of Nursing
3.	Painting competition	1)Dr. Z. G. Badade Professor, Biochemistry 2)Dr. Manisha Tambekar Asso. Prof, Pathology	14	First Prize: Ms. Gayatri Chettiar MGM School of Biomedical Sciences, Navi Mumbai Second Prize: Ms. Maria AsinPrema MGM New Bombay College of Nursing Third Prize: Ms. Sakshi Thakkar MGM Institute's University Dept of Prosthetics & Orthotics

4.	Poster competition	1)Dr. Z.G. Badade Professor, Biochemistry 2)Dr. Manisha Tambekar Asso. Prof, Pathology	09	First Prize: Dr.Hrudaya Patil MGM School of Biomedical Sciences, Navi Mumbai Second Prize: Ms. AvneeGosai MGM School of Biomedical Sciences, Navi Mumbai Third Prize: Ms. Zayeda Khan MGM New Bombay College of Nursing
5.	Short films and videos competition	1)Dr. Z.G. Badade Professor, Biochemistry 2)Dr. Manisha Tambekar Asso. Prof, Pathology	05	First Prize: Dr. Sindhu Thomas MGM New Bombay College of Nursing Second Prize: Ms. Prerna Khosla MGM School of Physiotherapy, Navi Mumbai Third Prize: Ms. Rishika Jain MGM School of Physiotherapy, Navi Mumbai
6.	Rangoli competition	1) Anjali Sabnis Professor& HOD, Anatomy 2) Dr. ShylajaSomeshwar Professor & HOD, Dermatology	12	First Prize: Ms. Snehal Rajendra Patil MGM New Bombay College of Nursing Second Prize: Ms. Aastha Agrawal & Ms. Neha Patole MGM School of Biomedical Sciences, Navi Mumbai Third Prize: Ms. Tanvee Panchal & Ms. Nandini Agarwal MGM School of Biomedical Sciences, Navi Mumbai
7.	Role play competition	1)Dr.Mansee Thakur Director, MGM School of Biomedical Sciences, Navi Mumbai	16	First Prize: Saud Sain, ParkarAhlam, Afra Shaikh, Fatma Rumane MGM School of Biomedical Sciences, Navi Mumbai

2)Dr.Bageshree Seth Prof, Paediatrics

Second Prize: SunpreetSawardekar, Vidhi Shah, Roshni Korlekar, Gayatri Vetal MGM School of Physiotherapy, Navi Mumbai

Third Prize:
SudinDinkar, Eva Susan
Abraham, Krisha Shah,
Aditya Narkhede
MGM School of
Physiotherapy, Navi Mumbai





Rangolis made by students from MGM Navi Mumbai campus on the eve of "World Bioethics Day 2022 celebrations"



Role play performed by students from MGM Navi Mumbai campus on the eve of "World Bioethics Day 2022 celebrations"



Prize distribution to winners of Essay, painting, poetry, poster, Short films and videos, Role play and Rangoli competitions on the eve of World Bioethics Day 19th October 2022 held at MGM Navi Mumbai campus

"World Bioethics Day 2022 celebrations" at MGM AURANGABAD CAMPUS

Celebrating the spirit of Bioethics, the student's wing of Bioethics unit at MGMIHS, Aurangabad campus organised a flurry of activities from **15th to 19th of October 2022**.

Students from all constituent units of Aurangabad campus, ie; MGM Medical College, MGM School of Physiotherapy, MGM School of Biomedical Sciences enthusiastically participated in all events and excelled. The Post Graduate Students of all clinical departments of MGM Medical College, also actively participated.

LIST OF EVENTS AND EXCELLENCE ACHIEVERS

Sr.	Name of Event	Total	Prize winners
No		Participants	
1	Rangoli Competition	12	Team 5 : Vaishnavi, Pavani (MGM -PG
			students (medical)
			Team 1: Aishwarya, Shweta, Rajeshwari
			(School of Physiotherapy)
			Team 4: Vijayshree, Sonali, Pooja
			(School of Biomedical science)
2	Video Making	22	Team 1: Fatima Khan and team
	Competition		Team 2: Atharva Aher and team
			Team 3: Shivam Sop and team
3	Poster Competition	32	Lakshita Joshi
			Urvashi Shinde
			Bilquis Hussain, ShravaniJawake
			Nusha Pathan, Adiba Shaikh, Fatima
			Khan, Muawyah Hashmi
4	Essay Writing	21	Chinmay Videkar
	Competition		Javeria Shaikh
			Falguni Shroff





Participants from MGM Aurangabad campus at Poster Making Competition

Aurangabad, Maharashtra, India
MGM SCHOOL OF PHYSIOTHERAPY, MGM CAMPUS, N-6, Cideo,
Aurangabad, Maharashtra 431003, India
Lat 19.878957°
Loogle
Long 75.354799°
15/10/22 11:15 AM GMT +05:30

Participants from MGM Aurangabad campus at Rangoli Competition



Participants from MGM Aurangabad campus describing their posters to judges

Clip from a video made by participants from MGM Aurangabad campus for video making competition distributing alms to those in need

<u>Participation of Faculties at International Bioethics, Medical and Research</u> <u>Conference ETHOS 5.0 held from 11th to 13th November 2022 at NITTEE</u> University, Mangaluru, Karnataka."

Two Faculties- **Dr.** (**Mrs.**) **Mrunal Pimparkar**, Professor, Community Medicine and Nodal officer cum Secretary MGMIHS Bioethics Unit, Navi Mumbai campus and **Dr.** (**Mrs.**) **Gauri Bapat**, Associate Professor, OBGY and Nodal officer, MGMIHS Bioethics Unit, Aurangabad campus, participated and presented paper at the International Bioethics, Medical and Research Conference ETHOS 5.0 from 11th to 13th November 2022 at NITTEE University, Mangaluru, Karnataka. They were deputed by MGMIHS, Navi Mumbai to participate in the said conference.

Theme of Conference: Ethics in Health Science Education and Research





Dr. (Mrs.) Mrunal Pimparkar presenting paper titled "Perception of Professionalism among students in a Medical College in Navi Mumbai: A Cross-sectional Study" at International Bioethics, Medical and Research Conference ETHOS 5.0 from 11th to 13th November 2022 at NITTEE (Deemed to be University),





Dr. (Mrs.) Gauri Bapat presenting paper titled "Unmarried pregnancy management, laws of the land and obstetrician's ethical dilemmas: Indian scenario" at International Bioethics, Medical and Research Conference ETHOS 5.0 from 11th to 13th November 2022 at NITTEE (Deemed to be University), Mangaluru, Karnataka.







Dr. Mrunal Pimparkar and Dr. Gauri Bapat participated in Pre conference workshop titled "Structured Learning in Clinical Ethics (SLICE MODEL) – session was taken by Prof. (Dr.) Mary Mathew, Head, Indian Program, International Chair in Bioethics.





Dr. Mrunal Pimparkar and Dr. Gauri Bapat participated in Pre-conference workshop titled "Gender and Ethics"- session was taken by Prof. Vibhuti Patel, Vice President of Indian Association for Women's Studies.

"Sensitization workshop on "Principles of Bioethics and Ethical dilemmas in Health care" for PG (MD/MS) students on 15th December 2022.

A "Sensitization workshop on Principles of Bioethics and Ethical dilemmas in Health care" was conducted by **Dr. Mrunal Pimparkar**, Secretary cum Nodal Officer (Navi Mumbai campus), MGMIHS Bioethics Unit, Navi Mumbai, on **15**th **December 2022**, for First year PG (MD/MS) students admitted in 2022 batch, during their PG Induction Programme organized by Medical Education Unit, MGM Medical College, Navi Mumbai. **The Total no of PG students who participated in the workshop were 113.**

Dr. Mrunal Pimparkar addressed the PG students about Principles of Medical ethics, ethical dilemmas in health care and discussed various case scenarios. The PG students deliberated on

various case scenarios highlighting ethical dilemmas in Medicine and health care. They found the session very informative and interactive and assured that they would implement what they learned from the session.



Dr. Mrunal Pimparkar, Secretary cum Nodal Officer, MGMIHS Bioethics Unit, Navi Mumbai conducting "Sensitization workshop on Principles of Bioethics and Ethical dilemmas in Health care" for First year PG (MD/MS) students admitted in 2022 batch, during PG Induction Programme on 15th December 2022

<u>"Celebration of World Bioethics Day –2023" at MGM Navi Mumbai and</u> Aurangabad campuses from 24th to 27th July 2023"

The MGMIHS Bioethics unit of Navi- Mumbai Campus celebrated the 'World Bioethics Day 2023' from 24th to 27th July 2023, as per guidelines given by chair. The theme for World Bioethics Day 2023 Competition was "Protecting Future Generations".

Under the guidance of **Dr. Shashank Dalvi**, Honorable Vice Chancellor, MGMIHS, Navi Mumbai and Head of MGMIHS Bioethics Unit, the 'World Bioethics Day 2023' was celebrated in **MGM's constituent colleges in Navi Mumbai and Aurangabad campuses.**

Dr. (**Mrs.**) **Mrunal Pimparkar**, Secretary cum Nodal officer (MGM Navi Mumbai campus), and **Dr.** (**Mrs.**) **Gauri Bapat**, Nodal officer, (MGM Aurangabad campus) conducted various competitions, events and activities in MGM Navi Mumbai and Aurangabad campuses, with a view to sensitize the students and faculties to Protect Future generations from environmental pollution and genetic diseases.

World Bioethics Day 2022 celebrations at MGM NAVI MUMBAI CAMPUS from 24th to 27th July 2023

A total of 128 students from constituent colleges of MGMIHS, Navi Mumbai campus namely MGM Medical College, MGM School of Physiotherapy, MGM New Bombay College of Nursing, MGM School of Biomedical Sciences & MGM Institute's University Department of Prosthetics & Orthotics, participated in Poem, Essay, Drawing, Rangoli, Short film and video, Poster, Debate and Role play competitions held from 24th to 27th July 2023 and displayed their artistic, critical thinking and writing skills.

DETAILS OF EVENTS AND EXCELLENCE ACHIEVERS:

Date of competition	Competitio n	Total no of Participants	Prize winners
24/7/2023	Essay competition	43	 First Prize: Ms. Bhavi Badiyal MGM School of Physiotherapy, Navi Mumbai Second Prize: Ms. Priya Solanke MGM New Bombay College of Nursing Navi Mumbai Third Prize: Ms. Ribah Rakhange MGM Medical College, Navi Mumbai
24/7/2023	Poetry competition	22	 First Prize: Mr. Divesh S Jairamdasani MGM School of Physiotherapy, Navi Mumbai Second Prize: Ms. Ushmaa Ved MGM Medical College, Navi Mumbai Third Prize: Ms. Anusha Badarinath Agaram MGM Medical College, Navi Mumbai
25/7/2023	Drawing competition	17	 First Prize: Ms. Riddhi Patil MGM School of Physiotherapy, Navi Mumbai

			 Second Prize: Ms. Ushmaa Ved MGM Medical College, Navi Mumbai Third Prize: Ms. Bhagyalekshmi Ajit
			MGM New Bombay College of Nursing, Navi Mumbai
25/7/2023	Rangoli competition	05	 First Prize: Ms. Nandini Agarwal MGM School of Biomedical Sciences, Navi Mumbai Second Prize: Mr. Abhishek Bhandwalkar MGM Medical College, Navi Mumbai Third Prize: Ms. Jidnyasa D. Pawar MGM School of Biomedical Sciences, Navi Mumbai
26/7/2023	Short films and videos competition	07	 First Prize: Mr. Yuvraj Jiremali MGM Medical College, Navi Mumbai Second Prize: Ms. Saniya Gawand MGM New Bombay College of Nursing Third Prize: Ms. Anushka Nagwani MGM School of Physiotherapy, Navi Mumbai
26/7/2023	Role-play competition	13	 First Prize: Ms. Sakina Chanasmawala, Mr. Sandipan Sinha Ray, Mr. Dhaiyay Panaya, Ms. Bipasha Kapoor, Mr. Yuvraj Jiremali, Mr. Piyush Kothari, Mr. Pranav G.H MGM Medical College, Navi Mumbai Second Prize: Ms. Neha Bankar, Ms. Shikha Khawas, Ms. Pranita Shinde, Mr. Augustin, Ms. Shreya Ghatwal, Ms. Christina MGM New Bombay College of Nursing
26/7/2023	Debate competition	10	 First Prize: Mr. Shreshtha Talvelkar MGM Medical College, Navi Mumbai Second Prize: Ms. Eva Susan Abraham MGM School of Physiotherapy, Navi Mumbai Third Prize: Mr. Om Mohite MGM School of Physiotherapy, Navi Mumbai
26/7/2023	Poster competition	11	 First Prize: Ms. Ushmaa Ved MGM Medical College, Navi Mumbai Second Prize: Ms. Ishwari Gujar MGM Medical College, Navi Mumbai Third Prize: Ms. Jinisha Kadam MGM Medical College, Navi Mumbai

Webinar on "Protecting Future generations" conducted by MGMIHS Bioethics Unit, Navi Mumbai on 27th July 2023

A Webinar on "Protecting Future generations" was conducted by MGMIHS Bioethics Unit, Navi Mumbai on 27th July 2023 from 10.00 AM to 12.30 PM. Various Speakers enlightened the participants about how it is our ethical responsibility to protect the planet for the well-being of future generations. They emphasized that every small action we take today and by embracing sustainable practices, has the potential to create a significant ripple effect for a brighter tomorrow.

No of participants who attended the Webinar on "Protecting Future generations" on 27th July 2023 = 177.

The Details of Webinar on "Protecting Future generations" conducted by MGMIHS Bioethics Unit, Navi Mumbai on 27th July 2023 are as under:

	Timings
Opening remarks	
- Dr. Rita Khadkikar	10.00 AM to
IQAC Coordinator, MGMIHS, Navi Mumbai	10.10 AM
Professor & HOD, Physiology, MGM Medical College & Hospital, Navi Mumbai	
Topic: "World Bioethics Day 2023: Theme-Protecting Future generations"	
- Dr. Shashank Dalvi	10.10 AM to
Honorable Vice Chancellor, MGMIHS, Navi Mumbai	10.40 AM
Head, MGMIHS Bioethics Unit, Navi Mumbai	
Topic: "Access to quality Health care for future generations"	
- Dr. Chinmay Shah	10.40 AM to
Head, International Chair of Bioethics, Bhavnagar Unit	11.10 AM
Professor & Head, Department of Physiology, Government Medical College,	
Bhavnagar, Gujarat, India	
Topic: "Protecting Environment for future generations"	
- Dr. Mrunal Pimparkar	11.10 AM to
Secretary, MGMIHS Bioethics Unit & Nodal Officer (Navi Mumbai campus),	11.40 AM
Professor, Community Medicine & Medical Education Unit (MEU) Coordinator,	
MGM Medical College, Navi Mumbai.	
Topic: "Strengthening Bioethics principles and values for future generations"	
- Dr. Gauri Bapat	11.40 AM to
Nodal Officer, MGMIHS Bioethics Unit (MGM Aurangabad campus)	12.10 PM
Associate Professor, OBGY, MGM Medical College, Aurangabad.	
Question Answer session & Concluding remarks	
- Dr. Prabha Dasila,	12.10 PM to
Principal, MGM New Bombay College of Nursing, Navi Mumbai	12.25 PM
Member, MGMIHS Bioethics Unit, Navi Mumbai	
Vote of Thanks	
- Dr. Rita Khadkikar, IQAC Coordinator, MGMIHS, Navi Mumbai	12.25 PM to
Professor & HOD, Physiology, MGM Medical College & Hospital, Navi Mumbai	12.30 PM



Dr. Shashank Dalvi, Hon Vice Chancellor, MGMIHS, Dr. Rajesh Goel, Registrar MGMIHS & Dr. Mrunal Pimparkar, Secretary, MGMIHS Bioethics Unit, felicitating winners of Poem, Essay, Drawing, Rangoli, Short film and video, Poster, Debate and Role play competitions on the eve of World Bioethics Day 19th October 2023





Dr. Shashank Dalvi, Dr. Chinmay Shah, Dr. Mrunal Pimparkar, Dr. Gauri Bapat, Dr. Rita Khadkikar & Dr. Prabha Dasila participating as Resource persons in Webinar on 'Protecting Future Generations' held on 27th July 2023 as part of World Bioethics Day 2023 celebrations.

MGMIHS BIOETHICS UNIT, AURANGABAD CAMPUS "World Bioethics Day 2023 celebrations"- 24th to 26th July 2023

On the occasion of World Bioethics day celebration 2023, the Student wing of the Bioethics unit at MGMIHS Aurangabad campus organized a number of competitions for undergraduate students. The inauguration program was attended by Dr Rajendra Bohra (Dean, MGM Medical College), Dr Rajesh Kadam (Deputy Registrar, MGMIHS Aurangabad campus) and Dr Shobha Salve (Prof & Head, Community Medicine). Active participation of 110 students was seen from all constituent colleges in Aurangabad campus, i.e MGM Medical College, MGM School of Physiotherapy, MGM School of Biomedical Science.

The events were in alignment with this year's theme "Protecting Future Generations" and students expressed their thoughts and views through essay writing, rangoli, artistic posters, poems and videos. The end of this celebration was marked by the prize distribution program held on 25th October 2023. All prize winners as well as participants were awarded with prizes and certificates respectively for their enthusiastic participation in this event at the hands of Dr Dase (Principal, MGM School of Biomedical sciences), Dr Gautam Shroff (AETCOM Incharge) and Dr Benazeer Jadvav (IQAC coordinator.

DETAILS OF EVENTS AND EXCELLENCE ACHIEVERS:

Competition	Total number of Participants	Prize Winners
1. Essay writing	41	1st Prize - Pranjal Magare2nd Prize - Mahak Chandak
2. Rangoli	9	1st prize - Ekta Kharde2nd Prize - Isha Agarwal
3. Poetry	5	1st prize - Karina Choudhary2nd Prize -Shrinivas Pimpalgaonkar
4. Short Film	5 teams	 1st prize - Aniruddha Thorat, Rohit Bhavtankar, Pranoti Zawar, Madiha, Kunal Nagwani, Ekta Kharde, Daksh Vyas 2nd Prize - Abhijeet Sharma, Amar Dalvi, Chinmay Videkar, Shivam Gavate, Rishikesh Maheshwari, Akshay Tayade, Vaibhav Kandekar, Gaurav Pole, Digviiay Deshmukh
5. Poster	4 teams	1st prize - Urvashi Shinde and team2nd Prize - Janhavi Dalvi and team



Students from MGM Aurangabad campus participating in Essay competition on the eve of "World Bioethics Day 2023 celebrations"



PARTICIPANTS DESCRIBING THEIR POSTERS TO JUDGES



World Bioethics Day 2023 International Competitions

On the eve of World Bioethics Day 2023, Students from constituent colleges from MGM Navi Mumbai and Aurangabad campuses participated in the "WBD 2023 International Competitions" in Poem, Short film / video and Artistic poster categories, organized by World Bioethics Day Department, International Chair in Bioethics.

Mr. Yuvraj Jiremali, IIIrd MBBS student from MGM Medical College, Navi Mumbai Won Third prize in International Short film/ video competition, organized by World Bioethics Day Department, International Chair in Bioethics.

<u>Certificates of participation and winning of eligible students.</u>







UNNAT BHARAT ABHIYAN NAVI MUMBAI VISION

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

MISSION

The Mission of Unnat Bharat Abhiyan is to enable 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.

GOALS

- To build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India.
- To re-emphasize the need for field work, stake-holder interactions and design for societal objectives as the basis of higher education.
- To stress on rigorous reporting and useful outputs as central to developing new professions.
- To provide rural India and regional agencies with access to the professional resources of the institutes of higher education, especially those that have acquired academic excellence in the field of science, engineering and technology, and management.
- To improve development outcomes as a consequence of this research. To develop new professions and new processes to sustain and absorb the outcomes of research.
- To foster a new dialogue within the larger community on science, society and the environment and to develop a sense of dignity and collective destiny.

UBA Coordinator's Name: Dr. Ashlesha Tawde, Dr. Prasad Waingankar, Dr. Rajesh Goel **Email:** hodpsmmgmmcnm@gmail.com/registrar@mgmuhs.com/ Ashlesha.t@gmail.com **Phone Number:** +91-9324714313 / 022-27432471

Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	Dhamni		
2	Dhodani		

3	Dehrang	Deminal	Daine d
	 Dehrang 	Panvel	Raigad
	 Bapdevwadi 		
4	Tawarwadi		
•	 Tawarwadi 		
	 Satichiwadi 		
	Kombaltekdi		
	 Kondichiwadi 		
	 Maldunge 		
	Tadpati		
5	Waghachiwadi		

List of Activities:

- General Health check-up
- Immunization
- Special activities

- ANC & PNC
- Anganwadi Health check-up
- Health Education Session

Executive Summary

		ACTIVITY 1: GENERAL H	EALTH CHECKUP	
Sr. No.	Date	Place	Total Beneficiaries	No. of Camps
	07/09/2022		07	
	02/11/2022		13	
	18/11/2022		16	
1	07/12/2022	Dhodhani	08	08
1	01/02/2023	Dilodilalii	19	08
	03/05/2023		21	
	07/06/2023		31	
	05/07/2023		23	08 07 03 01 06
	05/09/2022		10	
	03/10/2022		20	
•	07/11/2022		09	
2	05/12/2022	Dhamini	08	07
•	03/04/2023		8	
•	03/07/2023		22	
•	07/08/2023		18	
	08/02/2023		16	
3	12/04/2023	Kombaltekdi	10	03
•	14/06/2023		14	
4	12/04/2023	Tadpatti	2	01
	02/09/2022	-	05	
•	06/09/2022		08	
5	07/10/2022	Waghachiwadi	16	06
	04/11/2022	,, agnacii ,, aai	11	
	03/02/2023		6	
•	04/05/2023		06	
	03/11/2022		14	
6	01/12/2022	Tawarwadi	10	08
	02/02/2023	I a mai maa	14	00
ļ	02/03/2023		16	

	06/04/2023		12	
	04/05/2023		12	
	01/06/2023		19	
	06/07/2023		12	
7	01/06/2023	Maldunge	02	01
0	06/02/2023	II 1: 1:	15	02
8	03/04/2023	Houshachiwadi	2	02
	06/09/2022		10	
	01/11/2022		06	
9	06/12/2022	Gadeshwar	04	05
	07/02/2023		11	
	03/04/2023		4	
10	12/09/2022	Dandayyyadi	09	02
10	14/11/2022	Bapdevwadi	11	02
	12/12/2022		05	
11	13/02/2023	Dehrang	03	03
	14/08/2023	-	08	
12	10/02/2023	Satichiwadi	15	01
	03/05/2023	C1: 1 1:	3	02
	12/07/2023	Chinchwadi	4	02

Need of the Activity:

Accessible general health care, availability of primary health care at the door stepfor the tribal population, preventive health education activities are conducted along with health checkup.

Brief Description (Need/Impact/Action/Picture (if any)): Regular health check —up helps in providing health care to the patients by referring them to higher healthfacilities if in need. This in a way helps to check any outbreak of disease in the concerned area and hence reducing the prevalence of the disease and reduces the mortality also.

TOTAL BENEFICIARIES: 548

		ACTIVITY 2: IMMUNIZATION	CAMP	
	07/09/2022		11	
	02/11/2022		10	
	07/12/2022	Γ	19	
1		15	08	
	01/02/2023		3	
	03/05/2023		18	
	07/06/2023		20	
	05/07/2023		15	
	03/11/2022		07	
	01/12/2022		04	
	05/01/2023		15	
_	02/02/2023		09	1.0
2	02/03/2023	Tawarwadi	08	10
	06/04/2023		4	
	04/05/2023		10	
	01/06/2023		16	
	06/07/2023		09	

	03/08/2023		12	
	05/09/2022		13	
	03/10/2022		10	
	07/11/2022		15	7
	05/12/2022		11	
3	02/01/2023	Dhamini	06	08
	03/04/2023		06	
	03/07/2023		14	
	07/08/2023		05	
	11/01/2023		04	
4	03/05/2023	Chinchwadi	01	03
4	12/07/2023	Cimenwadi	01	
	02/09/2022		06	
	06/09/2022		10	-
	07/10/2022	Waghachiwadi	07	-
5	04/11/2022		08	08
3	02/12/2022		12	00
	06/01/2023		08	
	03/02/2023		02	
	04/05/2023		06	
6	01/06/2023	Maldunge	02	1
	12/10/2022		04	
	15/12/2022		04	
7	08/02/2023	Kombaltekdi	06	05
	12/04/2023		4	
	14/06/2023		09	
0	10/02/2023	Tadpatti	06	02
8	12/04/2023	.	2	02
	12/12/2022		03	
9	13/02/2023	Dehrang	03	03
	14/08/2023		05	
10	06/02/2023	Haushachiwadi	12	02
10	03/04/2023		2	02
11	12/09/2022	Bapdevwadi	07	02
11	14/11/2022	<u>-</u>	04	02
12	14/11/2022	Kondichiwadi	09	01
12	14/10/2022	Satichiwadi	10	02
13	10/02/2023		07	02
	06/09/2022		07	
	01/11/2022	C - 1 - 1	04	
14	06/12/2022	Gadeshwar	02	05
	03/04/2023		02	_
	07/02/2023		04	

Need of the Activity:

Prevention of diseases in children and anc mothers.

Brief Description (Need/Impact/Action/Picture (if any)): Immunization helps in prevention of many diseases like Polio, Tuberculosis, Measles, Hepatitis etc. in pediatric age group.

TOTAL BENEFICIARIES: 468

		ACTIVITY 3: SPECIAL AC	TIVITY			
Sr. No.	Date	Name of The Activity	Place	Total Beneficiaries		
1	14/9/2022- 30/9/2022	TB & Leprosy survey	Dhamini	28		
2	27/9/2022	Mata Surakshit tar ghar Surakshit	PHC Nere	7		
3	28/9/2022	Awareness regarding prevention of communicable diseases and nutrition to anganwadi workers	Awareness regarding prevention of communicable diseases and nutrition			
4	28/9/2022	World Rabies day	Bapdevwadi	12		
5	29/9/2022	World Heart Day PHC Nere		10		
6	3/10/2022	Mata Surakshit tar ghar Surakshit (for importance of contraception and its uses)	Dhamni	34		
7	6/10/2022	Importance of Hygiene to Anganwadi children	Waghachiwadi	18		
8	12/10/2022	World Deworming Day Celebration	Nere	57		
9	12/10/2022	World female child day	Nere	57		
10	20/10/2022	World bone mass Day	Nere	15		
11	28/10/2022	Global Hand washing Day	PHC Nere	28		
12	28/10/2022	World Polio Day Celebration	PHC Nere	16		
13	22/11/2022	Rescunite summit	Seal Ashram	Nil		
14	17/12/2022	Financial Literacy Workshop & Donation Drive	Dehrang	12		
15	24/01/2023	Haemoglobin estimation camp	Primary School, Dhamni	49		
16	06/02/2023 to 27/02/2023	Oral Cancer Screening Camp	PHC Nere	105		
17	09/03/2023	Celebration of International Woman's Day	PHC, Nere	30		
18	01/04/2023	World Health Day – Drawing competition	Primary School, Dehrang			
19	07/04/2023	Role Play on occasion of World Breastfeeding Week	Morbe	72		
20	08/04/2023	World Health Day – Drawing competition	Primary School, Dhamni			
21	10/04/2023	Role Play on occasion of Health for all	PHC Nere	33		
22	22/04/2023	School Health check-up and earth day – Drawing competition	Waghachiwadi	_		
23	24/04/2023	Yoga and Meditation session for ASHA workers	PHC Nere	45		
24	27/04/2023	Family Planning camp				
25	23/05/2023 to 31/05/2023	Multi-speciality camp		1193		

26	08/06/2023	SEARCH Foundation visit		-
27	19/06/2023	Role Play on Beat Plastic Pollution	Sukapur, Nere	15
28	21/06/2023	International Yoga Day Celebration		
29	30/06/2023	MJPJAY Health check-up camp	Maldunge	
30	13/07/2023	MJPJAY Health check-up camp	Tawarwadi	
31	15/07/2023	Celebration of World Population day - Essay Writing Competition	Primary School, Nere	37
32	18/07/2023 to 04/08/2023	Intensified Mission Indradhanush survey	Sukapur, Nere	530 houses
33	09/08/2023	Role Play on World Breastfeeding Week	PHC Nere	35
34	11/08/2023	Celebration of International day of indigenous people	MGMIHS	50
35	11/08/2023	Disaster Management and Control training program	MGMIHS	50
36	11/08/2023	ABHA card generation	MGMIHS	25
37	12/08/2023	Tree Plantation drive	Satichiwadi	1
38	12/08/2023	Disaster Management and Control training program	Dhodani	34
39	12/08/2023	ABHA card generation	Dhodani	15
40	13/08/2023	Celebration of World Breastfeeding Week – Health baby competition	Dehrang	5
41	14/08/2023	Celebration of Meri Maati Mera Desh	Group Gram Panchayat Maldunge	-
42	15/08/2023	Celebration of Independence Day	MGMIHS	-
43	19/08/2023	MJPJAY camp and Tree plantation drive	Vaje	110
44	23/08/2023	Leprosy Case Detection Campaign	Kondichiwadi	219

BENEFICIARIES: - 2426

		AC	ΓΙVITY 4: ANC &	PNC CH	IECKUP CAI	MP	
Sr. No.	Date	Place	Beneficiaries	Sr. No.	Date	Place	Beneficiaries
	21/9/2022		49		10/09/2023	PHC, Nere	36
	19/10/2022		44		10/10/2022		27
	16/11/2022		41		09/11/2022		41
	21/12/2022		33		09/12/2022		29
	18/01/2023	MGM	36	2	09/01/2023		36
1	15/02/2023	Hospital,	36	2	09/02/2023		39
	15/03/2023	Kalamboli	37		09/03/2023		29
	19/04/2023		38		10/04/2023		33
	17/05/2023		41		09/05/2023		30
	23/06/2023		43		09/06/2023		34
	19/07/2023		46		10/07/2023		23
	16/08/2023		52		09/08/2023		35

Need of the Activity: Provide essential maternal and child health services forwomen and children in tribal communities.

Brief Description (Need/Impact/Action/Picture (if any)): Door to door visits with thehelp of anganwadi workers, women are enquired about the well-being of their baby andthemselves, advice regarding feeding, diet of mother, care of child is given. Pregnant women are also advised to take care during pregnancy, warning signs are explained and nutritional ad vice is given.

TOTAL BENEFICIARIES: 888

	ACTIVITY 5: ANGANWADI HEALTH CHECK-UP						
Sr No.	Date	Place	Beneficiaries	Sr No.	Date	Place	Beneficiaries
1	02/01/2023	Dhamni & Hausachiwadi	12	9	10/02/2023	Satichiwadi	08
2	03/01/2023	Gadheshwar	10	10	13/02/2023	Dehrang	05
3	05/01/2023	Tawarwadi	07	11	03/04/2023	Haushachiwadi	07
4	06/01/2023	Waghachiwadi	08	12	06/04/2023	Tawarwadi	05
5	19/01/2023	Dodhani	13	13	12/04/2023	Kombaltekdi and Tadpatti	02
6	06/02/2023	Haushachiwadi	11	14	04/05/202	Tawarwadi	05
7	07/02/2023	Gadeshwar	08	15	01/06/2023	Tawarwadi	14
8	08/02/2023	Kombaltekdi	09	16	12/07/2023	Chinchwadi	03

TOTAL BENEFICIARIES: 127

		Activity 6 : Health Education Sess	ion	
Sr No.	Date	Торіс	Place	Beneficiaries
1	02/01/2023	Handwashing and dietary habits	Dhamni & Housachiwadi	12
2	03/01/2023	Covid appropriate behaviour	Gadheshwar	12
3	04/01/2023	Covid appropriate behaviour	Dodhani	15
4	06/01/2023	Kangaroo Mother Care	Waghachiwadi	11
5	24/01/2023	Prevention of Cervical Cancer	Dhamni	50
6	30/01/2023	Leprosy Awareness	Dhamni	08
7	31/01/202	Leprosy Awareness	Dodhani	15
8	02/02/2023	Oral cancer awareness	Tawarwadi	15
9	06/02/2023	Oral cancer awareness	Housachiwadi	20
10	07/02/2023	Complementary feeding	Gadeshwar	15
11	08/02/2023	Oral hygiene and cleanliness	Kombaltekdi	15
12	10/02/2023	Importance of deworming	Satichiwadi	13
13	13/02/2023	Importance of nutrition	Dehrang	07
14	02/03/2023	Awareness about immunization	Tawarwadi	18
15	12/04/2023	Antenatal care in expecting mothers, advice on nutrition and danger signs	Kombaltekdi	18
16	04/05/2023	Awareness on Heat stroke and Oral Rehydration Therapy	Tawarwadi	12
17	01/06/2023	Harmful effects of tobacco and care during antenatal period	Tawarwadi	08
18	14/06/2023	Awareness on Heat stroke and Oral Rehydration Therapy	Kombaltekdi	09
19	03/07/2023	ANC services and benefits of early registration	Dhamini	20
20	05/07/2023	Importance of antenatal visits, systematic supervision and institutional delivery	Dhodani	11
21	15/07/2023	Effects of overcrowding - World Population Day	PHC Nere	37
22	28/07/2023	World Hepatitis Day – Causes and Prevention	Dhamni	16
23	07/08/2023	World Breastfeeding Week – Enabling Breastfeeding : Making a difference for working parents	feeding Week – Enabling : Making a difference for Dhamni	

TOTAL BENEFICIARIES: - 367



World Rabies Day celebrated at Babdevwadi on 28.09.2022



Inauguration of Mata Surakshit Tar Ghar Surakshit at PHC Nere on 26.09.2022



Celebration of International Woman's Day at PHC Nere on 09.03.2023



Role Play on account of World Breastfeeding week at PHC Nere on



Anganwadi check-up



ANC check-up on PMSMA camp at PHC Nere on 09.08.2023



Non-Communicable Disease (NCD) camp at Dhodani on 24.07.2023



Intensified Mission Indradhanush (IMI) survey at Nere on 18.07.2023 to



Healthy baby competition on account of World Breastfeeding week at Dehrang on 13.08.2023



PNC visit at Gadheshwar and Dhamni on 20.07.2023 & 25.07.2023



Leprosy Case Detection Campaign (LCDC) on 15.07.2023 at Kondichiwadi



MJPJAY Multidiagnostic health checkup camp on 13.07.2023 at Tawarwadi









From Vice-Chancellor's Desk

Azadi ka Amrit Mahotsav holds significant importance as it commemorates India's 75 years of independence. This celebration serves as a reminder of the sacrifices made by freedom fighters and the nation's journey towards self-rule. The Mahotsav plays a crucial role in fostering national unity and pride by highlighting India's rich cultural heritage and diverse history.



It serves as a platform to educate the younger generation about the struggles and triumphs that led to India's freedom. The Mahotsav also promotes a sense of patriotism and encourages citizens to actively participate in building a strong and progressive nation.

Through various events, exhibitions, and cultural programs, Azadi ka Amrit Mahotsav aims to showcase India's achievements post-independence while reflecting on the challenges that lie ahead. It serves as a collective reflection on the values of democracy, diversity, and inclusivity that form the foundation of the nation.

In essence, Azadi ka Amrit Mahotsav is not merely a celebration but a reminder of India's past, a celebration of its present, and an inspiration for a harmonious and prosperous future.

From Dean's Desk

Community outreach activities in higher education institutes are integral for fostering positive engagement between the academic institutions and the communities they serve. These activities go beyond traditional classroom settings, creating a bridge between academia and the broader society.

Firstly, community outreach enhances the practical application of knowledge acquired within the academic environment. It allows students to apply theoretical concepts in real-world scenarios, contributing to their



holistic development. For instance, medical students participating in health camps or engineering students engaging in local infrastructure projects gain hands-on experience.

Secondly, such initiatives promote social responsibility and civic engagement among students. By actively involving themselves in community service projects, students develop a sense of empathy, cultural awareness, and a commitment to making a positive impact on society.

Furthermore, community outreach fosters collaboration between higher education institutions and local communities, addressing specific needs and challenges. This collaborative approach can lead to mutually beneficial partnerships, with universities contributing expertise and resources while communities provide valuable insights and context.

In conclusion, community outreach activities in higher education institutes play a pivotal role in nurturing well-rounded individuals, promoting social responsibility, and establishing meaningful partnerships that extend the positive influence of academia into the wider community.

From The Desk of HoD - Community Medicine

As the Head of the Community Medicine Department, I want to express my strong support for the Unnat Bharat Abhiyan (UBA) program within our academic community. UBA serves as a medium for our department to aid in rural development, creating invaluable opportunities for our students and faculty.

This initiative aligns seamlessly with our departmental goals of fostering holistic education and practical skill development. Through UBA, our students engage in real-world projects, applying theoretical knowledge to address the pressing issues faced by rural communities. This hands-on



experience is instrumental in shaping well-rounded individuals with a deep understanding of societal challenges.

I am pleased to witness the positive impact our department has had through UBA collaborations. The research and projects undertaken by our faculty and students have not only contributed to academic advancements but have also made tangible improvements in the lives of those in underserved areas.

Moving forward, I encourage continued participation and enthusiasm from both students and faculty in Unnat Bharat Abhiyan. Let us persist in our commitment to academic excellence intertwined with social responsibility, making a lasting impact on the communities we engage with.

From The Desk of UBA-Coordinator

Unnat Bharat Abhiyan (UBA) is a transformative initiative that plays a pivotal role in bridging the gap between higher education and rural development in India. This visionary program, launched by the Government of India, encourages higher educational institutions to actively engage with rural communities. The significance of UBA lies in its ability to provide students with practical, hands-on experiences that extend beyond the classroom.



Through Unnat Bharat Abhiyan, the students and faculty have collaborated on projects addressing the unique challenges faced by rural areas. This not only enhances academic learning but also empowers students with a diverse skill set, including problem-solving, teamwork, and leadership. The initiative goes beyond traditional academic boundaries, promoting a holistic approach to education.

Moreover, Unnat Bharat Abhiyan contributes to the sustainable development of rural communities. By focusing on areas such as healthcare, education, and infrastructure, higher education institutions become catalysts for positive change. The program aligns with national development goals, supporting initiatives and rural skill development.

In essence, Unnat Bharat Abhiyan serves as a beacon for inclusive and sustainable development. It not only enriches the lives of those in rural areas but also nurtures socially responsible, culturally sensitive, and skilled individuals ready to contribute meaningfully to society.

World Breastfeeding Week Celebration

Date: 07/08/2023 Dhamani, Nere

A Health Education session was conducted at Dhamani.

The theme for World Breastfeeding Week 2023 is Let's make breastfeeding and work, work!

The Health Education Session was given on the topic 'World Breastfeeding Week - Enabling Breastfeeding: Making a Difference for Working Parents'.

- Beneficiaries such as ANC and lactating mothers were present for the Health education session.
- The beneficiaries were informed about the importance of breastfeeding.
- They were explained about the initiation of breastfeeding within 1 hour of delivery.
- They were informed about exclusive breastfeeding for the first 6 months of life beginning of complimentary feeding after 6 months and continuing breastfeeding up to 2 years of life, benefits of breastfeeding to the infant as well as the mother were also informed.
- Various positions for breastfeeding were also demonstrated to the beneficiaries The total number of beneficiaries for Health Education was **16**.

Speaker:

- 1. Dr. Sidra Ansari (MBBS Extern)
- 2. Dr. Palak Modi (MBBS Intern)

The session was attended by Mrs Kanchan Patil (PHN), Dr Prashant Panchal (MPH-2), Dr. Sidra Ansari (MBBS Extern), Dr. Palak Modi (MBBS Intern)







International Day of Indigenous People

Date: 17.08.2023 MGMIHS, Navi Mumbai

International Day of Indigenous People is an annual event, observed on the 9th of August of every year, seeks to offer a prime opportunity to actively work towards safeguarding the <u>fundamental rights</u> of tribal communities worldwide.

The significance of the International Day of the World's Indigenous People in 2023 lies in its capacity to spotlight the difficulties encountered by numerous indigenous communities. These challenges encompass issues such as poverty, prejudice, and limited availability of education and healthcare services. This occasion functions as a prompt to uphold and rejoice in the abundant cultural legacy, customs, languages, and insights that indigenous individuals contribute to the global tapestry. It's intended to cultivate unity among indigenous communities and to increase consciousness within the wider populace.

The theme chosen for 2023 centers around "Indigenous Youth as Agents of Change for Self-determination." The International Day of the World's Indigenous Peoples was first pronounced by the UN General Assembly in December 1994, to be celebrated every year during the first "International Decade of the World's Indigenous Peoples" (1995–2004).

In view of this, the Department of Community Medicine organized a Felicitation program on 11th August 2023 at MGMIHS, Kamothe, Navi Mumbai.

Felicitation of Meritorious Students, Principal/Teachers of Zilla Parishad School,Community Health Workers, and Local Patrons.

The program was inaugurated by Lamp-lighting by Dr. Shashank Dalvi, Hon. Vice-Chancellor of MGMIHS, Dr. G.S. Narshetty, Dean of MGM Medical College, Dr. Prasad Waingankar, Prof. & Head of the Department of Community Medicine, Chief guests Mr. Shashikant Shirsat, District Disaster Management Official, Alibaug, Raigad, Mr. Prakash Manohare, the Chief of Nehru Yuva Kendra Sangathan, Community Social Worker Mr. Saikar, Captain Krishan Gopal and Mrs. Nisha Sharma. The teaching, and non-teaching staff of the MGMIHS, ASHAs, AWWs, and students participated in the program.

A welcome speech was delivered to all present by Hon. Vice-Chancellor, Dr. Shashank Dalvi on occasion this occasion. Mr. Manohare, the chief of Nehru Yuva Kendra Sangathan also addressed the audience highlighting the significance of the event.

The program then began with the Felicitation of Meritorious Students, Front Line Health Workers (ASHA, AWW), Local Patrons, Principal/Teachers, and Resource People. A total of 10 students of SSC, HSC, and Graduation were felicitated for their exemplary performance in their respective streams by presenting them Appreciation Certificate and a school bag as a token of love. While 1 ASHA Supervisor, 4 ASHAs,1 Anganwadi Sevika Supervisor, and 10 Anganwadi Sevikas were felicitated by presenting Appreciation Certificates and handbags as a token of love for their outstanding performance in Community health services as designated Front Line Health Workers by MGMHIS. The resource people from the community were also felicitated in the program.

The program was concluded with a Vote of thanks to MGMIHS, Navi Mumbai for supporting the function, to all guest members who graced the program, and to the participants who gave their valuable time on the day.

The program was organised by Maj.Dr. Ashlesha Tawde (UBA Co-ordinator).

The event was hosted by MPH Residents Dr Prashant Panchal and Dr Prachiti Mhatre and assisted by interns Dr Sudhanshu Rane and Dr Sidra Ansari.

The event was captured and recorded by MPH Resident Dr Shreyash Rathi and interns, Dr Vedant Vohra, Dr Komal Parwani, Dr Drishti Patel &Dr Siddhi Patil.

The hospitality of the event was managed by Health Inspector Ms Vinita Sharma.

The event was attended by the faculty of the Community Medicine department, Medical Social Workers Mr Vikrant Dinkar, Mr Yogesh Sakhare & Mr Jeevan Urankar, Health Inspector Ms Prachi Nangare, MPH Residents Dr Shiksha Pandey, Dr Aasawari Sonawane, interns of the Community Medicine department and MBBS students.





Disaster Management & Control Training Program

Day-1: Lecture & Demonstration

Date: 11.08.2023 MGMIHS, Navi Mumbai

Hilly regions are generally prone to landslides with massive loss of human life and resources especially during rains. Various disasters like cloudbursts, floods, fires, wildfires, etc. are some of these examples. Recently Irshalwadi village, Raigad district suffered from a landslide incident, on 19th July at 10.30 pm, which resulted in the deaths of 26 people and more than 100 estimated trapped under the debris.

On this background, Mahatma Gandhi Mission Institute of Health Sciences (MGMIHS) organized a "Disaster Management and Control Training Program" in joint collaboration with Nehru Yuva Kendra Sangathan and District Disaster Management Unit, Alibaug, District Raigad, Maharashtra at MGMIHS, Navi Mumbai on 11th August 2023 and at Dodhani village, Maldunge Group Gram Panchayat (GGP), Nere PHC on 12th August 2023.

The objectives of the training program were:

- To make awareness among the citizens regarding such disasters.
- > To mobilize the youths for participating in the "Prevention and Control Programme."
- > To sensitize the students about various disasters and prevention methods.
- > To show them various rescue methods with live demonstrations.

Disaster Management and Control Training Program: 11th August 2023 Event

The program was started with the felicitation of chief guests Mr. Shashikant Shirsat and Mr. Saikar by presenting a shawl and memento as a token of love by V.C. of MGMIHS, Dr. Dalavi.

Mr. Shashikant Shirsat addressed to the attendees. He gave a broad overview of disasters occurring in their areas like landslides, floods, fires in the forest cloudbursts, etc. The reasons behind such natural calamities were explained to the attendees. Mr. Shirsat showed various methods to rescue the people affected by the dangers like the hand fold method, the hand fold method, transporting injured ones with the available local things, and so on. The students participated in the live demonstrations very actively.

The program was concluded by Dr. Prasad Waingankar, HoD of the Community Medicine Dept by specifying the significance of the "Disaster Management and Control Training Program. A vote of thanks was given to all attendees for their participation in making the event successful, the teaching and non-teaching staff of the MGMIH for their support in the smooth functioning of the program, and to MGMIHS Management for giving an opportunity to organize such a program for the rural people benefits.

Disaster Management and Control Training Program: 12th August 2023 Event

Day-2: Practical & Hands-on

Date: 12.08.2023 Dhodani, Panvel

The "Disaster Management and Control Training Program" was continued at Dhodani village under Group Gram Panchayat (GGP) Maldunge on 12th August 2023. Dr. Prashant Panchal and Dr. Prachiti Mhatre, MPH residents of Depart of Community Medicine inaugurated the event by welcoming chief guests, all participants, AWWs, and ASHA of Dhodani village and staff of MGMIHS. The chief guests, Mr. M.K. Mhatre, a Disaster Management Unit Official, Alibaug, Raigad District, Mr. Yashwant Chaudhari, Police Patil of Dhodani were felicitated by Maj. Dr. Ashlesha Tawde, Assistant Professor and UBA Coordinator, Community Medicine Dept, MGM Medical College. The ASHA and AWW of Dhodani village were also felicitated by Maj. Dr. Ashlesha Tawde by presenting an appreciation certificate to them. The ASHA, AWW, youths (girls and boys), and villagers of Dhodani participated in the program.

Mr. M.K. Mhatre addressed the audience about various natural calamities that happen in hilly regions like Dhodani and Chinchpada villages. Landslides and floods during heavy rains, wildfires, cloudbursts, snakebites, and drownings are common disasters faced by rural and tribal people. The reasons behind all such increasing events and the prevention measures were explained in detail to them. The focus was then shifted to the management of Disasters with the help of available resources. The rescue various methods were demonstrated to an audience by showing live examples like the hand fold method, the hand fold method, applying bandages to fractured persons by using simple clothes, and different uses of ropes to save affected people. The life-saving CPR method was also shown to them in a very simple way.

The program was concluded by Maj. Dr. Ashlesha Tawde emphasizing the importance of obtaining an official certification for the "Disaster Management and Control Training Program" from the government. Which, not only helps them to cope with such events but will also become a source of income to support their family otherwise.

The vote of thanks was given to the audience for their patience and active participation, to chief guest Mr. Mhatre for his exceptional training delivery skills, and to the staff of MGMIHS who volunteered in the program for its success.

The program was organised by Maj Dr. Ashlesha Tawde (UBA Co-ordinator).

The event was hosted by Medical Social Worker Mr Yogesh Sakhare, MPH Residents Dr Prashant Panchal and Dr Prachiti Mhatre and assisted by other MPH Residents i.e. Dr Shreyash Rathi,Dr Simran Manjarekar,Dr Asifa Razak and MHA students i.e. Dr. Aditi Deshmukh,Dr. Mahesh Yadav,Mrs.Vinita,Mr. Satish Salunkhe,Ms. Aniqa Khan.

The chief guest for the event was Mr Yashwant Chaudhary who is a Police patil from Dhodani.

The attendees for the event were the ASHAs Mrs Alka Ghute(Dehrang) and Ms Yogini Sambri(Dhodani), Anganwadi Sevikas from Dhodani I.e. Mrs Pramila Chaudhary and Mrs Bharti Dore, Anganwadi Sevika Mrs Lata Ughada from Chinchwadi, Youth members from Dhodani, Maldunge, Chinchwadi and neighbouring villages.

Meri Maati Mera Desh

"Meri Maati Mera Desh" campaign is envisaged from 9th August 2023 as a culminating event of "Azadi Ka Amrit Mahotsav." It is a tribute to the Veers and Veeranganas who have made the supreme sacrifice for the country.

"Meri Maati Mera Desh" envisions a unified celebration of India's soil and valor, commemorating the nation's journey of freedom and progress. By connecting with the land and honoring our heroes, this program will instill a sense of national pride and inspire future generations to protect India's cherished heritage. This campaign comprises many activities and ceremonies conducted across the country at Panchayat/Village, Block, Urban Local Body, State, and National levels.

The event "Meri Maati Mera Desh" was celebrated at Group Gram Panchayat Maldunge as a part of a National campaign to honor national heroes and to celebrate India's soil and valor. The program was celebrated on 14th August 2023 by Sarpanch Mrs Harshada Somnath Chaudhary, Up-Sarpanch, Mr Raju Wagh, Gram Sevak Mr Mohite and various members like Mr Pandurang Ughada, Anganwadi Sevika Mrs Darshana Bhasma (Dhamni), Mrs Yashoda Vak (Dehrang) ASHA and villagers of Vaje at Gram Panchayat. The granite plankton was established to honor the National heroes. Tree plantation was done by villagers at the event. The staff of MGMIHS was grateful for participating in the event.

The villagers took the oath to abide by our responsibilities towards the nation. The Sarpanch Mrs Harshada Somnath Chaudhary addressed and expressed her thoughts during the event. Maj Dr. Ashlesha Tawde, UBA Coordinator, Community Medicine Dept, MGMIHS expressed her views and feelings at the event. She thanked the staff of Gram-Panchayat for inviting the MGMIHS staff to the event.

MJPJAY Health Camp

Date:19.08.2023 Vaje

As a part of Azaadi ka Amrit Mahotsav, the MJPJAY held a multidiagnostic health check up camp at Vaje village on 19.08.2023. Various Specialites such as Family Medicine, Dermatology, ENT, Paediatric, Obstetric and Gynecology and optometry were present for the camp.

A total of 110 beneficiaries were examined in this camp.

A total of 10 beneficiaries were referred to MGM Hospital for further management.

Plantation Drive

Date:12.08.2023 Vaje Satachiwadi

Plantation drives were held in Satachiwadi and Vaje on the 12th & 19th of August, 2023. Such drives hold immense importance in fostering environmental health and sustainability. These initiatives contribute significantly to increasing green cover, mitigating the impact of climate change, and promoting biodiversity. Trees act as natural carbon sinks, absorbing carbon dioxide during photosynthesis and releasing oxygen, thereby helping to combat global warming.

Plantation drives within the framework of Unnat Bharat Abhiyan not only contribute to ecological well-being but also positively impact rural economies. It complements environmental efforts by focusing on rural development and knowledge transfer from academic institutions to villages. The cultivation of trees can provide additional income sources for villagers through sustainable forestry practices and the sale of forest products. Therefore, the combination of plantation drives and rural development programs becomes integral in fostering a harmonious balance between environmental conservation and socio-economic progress.

ABHA Card Generation

 Date: 11.08.2023,
 MGMIHS

 12.08.2023
 Dodhani

 19.08.2023
 Vaje

The event surrounding the Generation of ABHA (Ayushman Bharat Health Account) Card and awareness regarding PMJAY/MJPJAY emerged as a transformative step towards achieving the objectives of Health & Wellness, Tribal Empowerment, and Inclusive Development. At its core, the ABHA Card symbolized a commitment to providing financial security for healthcare, fostering Health & Wellness by ensuring that individuals, particularly from marginalized communities, had access to quality medical services.

Tribal Empowerment took center stage as the initiatives aimed to bridge the healthcare gap in tribal regions. The ABHA Card, tailored to the needs of tribal communities, became a tool for their upliftment, offering a pathway to better health and well-being.

Inclusive Development found resonance in the extensive awareness campaigns accompanying the ABHA Card generation. The government's outreach efforts ensured that even the remotest

corners of the nation were touched by the benefits of PMJAY/MJPJ AY, fostering inclusivity by bringing health insurance within reach of every citizen.

This event not only marked a milestone in healthcare but also became a beacon for holistic development, intertwining Health & Wellness, Tribal Empowerment, and Inclusive Development in the fabric of the nation's progress. The ABHA Card, with its dual purpose of health access and awareness, became a catalyst for a healthier, more empowered, and inclusive society.

Independence Day

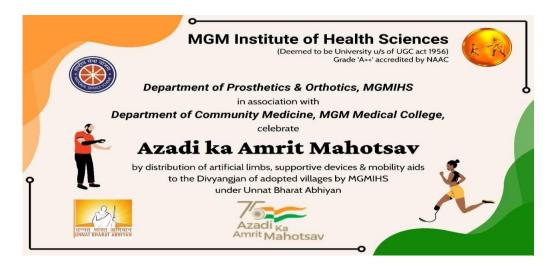
Date:15.08.2023 MGMIHS

The college flag hoisting event was a vibrant display of patriotism and unity. Held on the auspicious occasion of Independence Day, the ceremony brought together students, faculty, and staff in a collective celebration of national pride. The event commenced with a sense of solemnity as the tricolor flag gracefully ascended, symbolizing the freedom that generations had fought for.

Dignitaries, including the Dean and special guests, graced the occasion with their presence, addressing the gathering with inspiring words. The atmosphere echoed with the national anthem, fostering a spirit of camaraderie among the attendees. Students actively participated in cultural programs, showcasing their talents through patriotic songs, dances, and speeches that reflected the diversity of the nation.

The flag hoisting event was not merely a symbolic gesture; it served as a reminder of the sacrifices made by our forefathers and instilled a sense of responsibility among the youth. The occasion also provided a platform for fostering a strong sense of community within the college, promoting the values of unity in diversity.

In conclusion, the flag hoisting event was a poignant and memorable affair that left an indelible mark on the hearts and minds of everyone present, reinforcing the significance of national identity and the importance of standing together for a brighter future.



UNNAT BHARAT ABHIYAN AURANGABAD

UNNAT BHARAT ABHIYAN ACTIVITIES FOR 2022 -2023 IN ADOPTED VILLAGES





Awareness about **National Nutrition Week** was done at Gandheli Health Centre, Aurangabad on 7th September 2022 from the Department of Community Medicine, MGM MCH, Aurangabad. 3rd Year MBBS Students who came for a field visit and patients attending the health centre were the audience for the event. 35 people attending the Awareness Campaign held at Gandheli Health Centre, Aurangabad were made aware about the dangers of inadequate nutrition in our day to day life and its effect in our day to day life

WORLD HANDWASHING DAY AWARENESS CAMP AT PHC GANDHELI

AUDIO-VISUAL PRESENTATION
THROUGH POSTERS

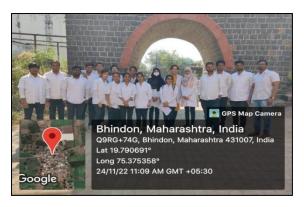
INTERACTIVE SESSION WITH OPD PATIENTS

TWO-WAY PARTICIPATION





World Handwashing Day Awareness Camp was held at PHC Gandheli on 20th OCTOBER, 2022 from 10:30 AM to 1:00PM by the Department of Community Medicine, MGM MCH, Aurangabad.Patients attending the PHC were the audience for the event.





Community based participatory research (CBPR): AS UGC will be making CBPR compulsory for all undergraduate students Department of Community Medicine had a trail run of CBPR in one batch of MBBS students for 2 days in adopted villages (SINDON and BHINDON). Trail run for CBPR was necessary as it is a student centric programme. 35 students and 4 other staff members took part in it on 24/11/22 & 25/11/22.





To spread awareness about malaria it causes transmission, signs and symptoms, prevention, treatment and all the taboos related to it. People were also made aware about different schemes Government of India has launched for malarial patients and malarial awareness among masses. **World MALARIA DAY** was celebrated at GANDHELI MGM Health Care Center on 27 APRIL 2023 from 11:00AM onwards





Poster exhibition on the occasion of **World Environment Day** on 13/06/2023 Organised by Dept. Of Community Medicine. Poster Exhibition took place in Waluj Health Centre. People were made aware about types of pollution, source and ill effects of pollution. They were also informed about ways to prevent it. The activity was completed under the guidance of Dr. S. B. Salve (Prof & Head) dept of Community Medicine.





World Tuberculosis Awareness Campaign was held at MGM Health centre, Gandheli, on 29th March, 2023 from 10:00AM to 1:00PM by the Department of Community Medicine, MGM MCH, Aurangabad. Beneficiaries attending the Hospital were the audience for the event. They were made aware of the increasing Tuberculosis cases, its signs and symptoms, preventive measures and its importance to control it. This event was conducted under the guidance of Dr. Salve (Prof. and Head).



Clinical Trial Centre MGM's Medical College & Hospital, Navi Mumbai

Introduction

Clinical Trial Centre, Department of Pharmacology, undertakes clinical trials and other types of clinical research under MGM's Medical College & Hospital, Navi Mumbai, subjected to approval of Regulatory authorities, approval of Institutional Ethics Committee (IEC) and compliance to competent authority guidelines on clinical research.

The Clinical Trial Center undertakes Clinical research Project in line with the ICH-GCP E6 Guidelines, Indian Council of Medical Research (ICMR), National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, 2017; New Drugs and Clinical Studies Rules, 2019 and guidelines of Central Drugs Standard Control Organization (CDSCO) etc.

Clinical Trial Centre, Department of Pharmacology ascertains to all cardinal principles of research ethics viz. autonomy, beneficence, non-malfeasance and justice are taken care in the research involving human participants. The research center aims to protect the dignity, rights and wellbeing of the current and potential research participants; and to ensure that universal ethical values and international scientific standards are expressed in terms of local community values and customs.

Clinical Trial Centre, Department of Pharmacology, MGM's Medical College & Hospital, Navi Mumbai ensures adherence to code of research ethics, uniformity in conducting the clinical research and compliance to all applicable guidelines on clinical research.

Vision

• To become a leading clinical research center in Navi Mumbai

Mission

• To improve patients' health outcomes through scientific, ethical and quality clinical research

Activities undertaken

Ongoing Clinical Trial

1) Prospective, randomized, multi-centric, double-blind, placebo-controlled study evaluating the efficacy and safety of KSM-66 Ashwagandha (withania somnifera) in adults experiencing high stress and/ or anxiety.

Principal Investigator Dr. Prakash N Khandelwal

Co Investigator Dr. Rakesh Gildiyal Site of Conduct: Department of Psychiatry

MOUs and Linkages

The Pharmacology department have various MOU with CRO and Pharmaceutical consultancy for employability and skill-development

- 1. Infoclin Consultancy
- 2. Clinsearch Healthcare Solutions PVT LTD
- 3. Grapecity Research Solution LLP
- 4. Renovare Healthcare Solutions





Future Directions

- > To provide leadership in the development and strengthening of clinical research capacity at MGMIHS, Navi Mumbai
- > To promote and support the conduct of Investigator Initiated Research
- > To coordinate the conduct of Industry Sponsored Research at MGM facilities
- ➤ To establish collaboration (MOUs and Linkages) with research organisations like Pharmaceutical Industry, SMOs and CROs in the pursuit for excellence in clinical research.

Department of Clinical Pharmacology and Clinical Trial Centre Aurangabad





RESEARCH AND INNOVATIONS: RESEARCH DETAILS

Total of 35 Research projects completed.

Ongoing projects – 13







ONGOING AND COMPLETED - CLINICAL TRIALS

A total of 13 trials are ongoing and 11 are completed, and 01 trial is in EC process. A total of 10 feasibilities filled.

CLINICAL RESEARCH CO-ORDINATORS TEAM



CLINICAL RESEARCH HOSPITAL & SMO CO-ORDINATORS



MGM Hospital CRCs



Grapecity SMO CRCs



ARDENT SMO CRC



MEDXPRESS SMO CRC



METICULOUS SMO



AURANGABAD SMO CRC



IQVIA CRC

Investigators meeting







IM, Jaipur, 2022



IM, Hyderabad, 2023

CONSULTANCY GENERATED

Sr. No.	Year	EC Payment	Trial Payment
1	2016	2,96,000/-	Nil
2	2017	6,00,000/-	4,83,647/-
3	2018	5,20,000/-	20,65,961/-
4	2019	6,11,110/-	22,31,071/-
5	2020	14,40,132/-	61,60,172/-
6	2021	19,17,155/-	75,63,079/-
7	2022	1,379,833/-	32,13,807/-
8	2023	15,34,498/-	39,16,932/-
	Total	82,98,728/-	2,54,42,396/-

Principle Investigators



Dr. Rajendra Bohra Dept. of ENT



Dr. Pravin Suryawanshi.
Prof. & Head, Department of
Surgery



Dr. Prashant Udgire Dept. of Cardiology



Dr. Vasanti Kelkar Dept. of Anesthesia



Dr. Ashish Deshmukh Dept. of Dermatology



Dr. Shivaji Pole Dept. of Radiology



Dr. Anand Nikalje Dept. of Emergency Medicine



Dr. Sayed Quadri Dept. of Emergency Medicine



Dr. Jyotika Mishrikotkar Dept. of Ophthalmology



Dr. Sudhir Kulkarni Dept. of Nephrology



Dr. Prashant Darakh Dept. of Urology



Dr. Deepak Bhosle Dept. of Pharmacology



Dr. Navin Kasliwal Dept. of Oncology



Dr. Lakshmi Rachakonda Dept. of OBGY



Dr. Girish Gadekar Dept. of Orthopedics



Dr. Kshitija Gadekar Dept. of Nephrology



Dr. Deepak Tayde Dept. of PSM

RESEARCH PROJECT:

SUBMITTED TO DST FOR FUNDING

<u>Title:</u> Epidemiological Studyto Estimate Time in Range (TIR) In Patients Of Diabetes Mellitus In AurangabadDistrict, Maharashtra

Name of Project Investigator: Dr. Deepak

Bhosle

Budget Details (3 Year Study):

Years	Budget
Year 1	77,15,772/-
Year 2	8,08,531/-
Year 3	8,33,155/-
Total Budget	93,57,458/-



ECHRS WORK

MGM ECHRS- Clinical Trials

- Reg. no.- ECR/581/Inst/MH/2014/RR-20
- DCGI approved ethics committee for approving various research projects and clinical trials in MGM Medical College, Aurangabad.



Dr. Jyoti Bobde Member Secretary

Number of clinical trials approved by EC-46

New Approval – 40

Approval with Revised -2

Post Amendment Approval – 4

Academic-238

New Approved – 230

Approval with Revised -5

 $Post\ Amendment\ Approval-3$

Prototype Clinical Trial Agreements









OUR COLLABORATIONS

Total number of Memorandum of Understanding signed: 56.

Total number of Clinical Trial Agreements: 11















































Macleods Pharmaceuticals Limited





INFRASTRUCTURE

- 1. Clinical research unit for conducting various clinical trials.
- 2. CRC Seating Area
- 3. Monitoring / Audit Room
- 4. IP Room with 24/7 AC
- 5. Archival Room

ALUMNI CONTRIBUTION

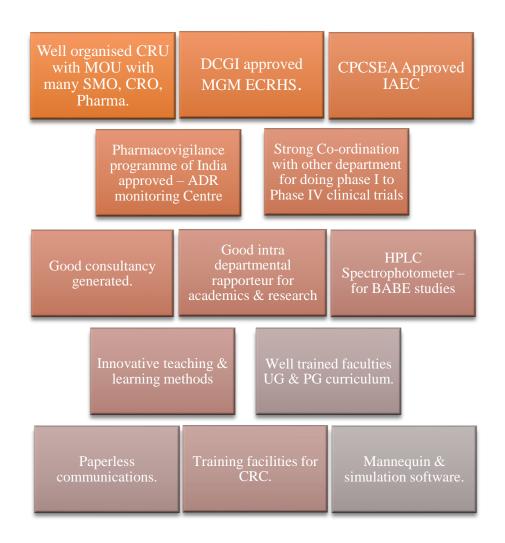
All the alumni are actively updating the department with their achievements. Also take active participation in encouraging and motivating the students with their knowledge and guidance. Some of the significant achievements of the alumni are as follows-

- Ms. Dharti Shah, CRA, Synchron Research Services Pvt. Ltd, Ahmedabad, Gujarat
- Ms. SeemaNegi, Medical writer, TCS, Mumbai
- Mr. Mahesh Padala, Junior Research Fellow, TATA Memorial Hospital.
- Mr. Suhas Dabhade, Project Manager Doclin CRO.
- Dr. Satish Shelke, Glenmark Pharma.
- Dr. Snehal Chavan, Drug Safety Physician, SYNEOS.
- Mr. Abhishek Valse, Medical Content Writer, MyLab Discovery Solutions, Pvt. Ltd., Pune.
- Ms. Barka Binmazi, Project Specialist, Signant Health.
- Ms. Ashwini Mahajan, Centralised Monitoring Assistant, IQVIA.
- Mr. Anurag Pandey, Clinical Research Assoc., Raptim Research Pvt. Limited.

RESEARCH THRUST AREA

- Preclinical studies
- Pharmacovigilance
- Clinical trials
- Medication error
- Antibiotic resistance
- Teaching learning methods
- Molecular pharmacology of antidiabetic drugs and anti-obesity drugs

STRENGTH OF DEPARTMENT



FUTURE PLANS

- Establishing Centre for preclinical toxicology studies using GLP Protocol
- Establishing clinical trial methodology for traditional medicine research
- Motivating clinicians, nursing staff & patients for reporting of ADRs
- Maximizing global clinical trials
- Establishing clinical Pharmacology unit for conducting BABE Studies
- To convert Clinical Research unit into Clinical Research Organization
- Innovation in teaching & learning methods
- To organize **IPSCON** in MGM's Medical college, Aurangabad
- Digital Video library of video lectures.
- E- EC Portal for online protocol submission to MGM ECRHS.

MGMIHS MEDIA LAB

This report provides an overview of the various activities and events Covered and work by the department. It highlights the key accomplishments and contributions made by the department in different areas, including Convocation programs, conferences, celebrations, collaborations, and video production.

Events:

The department actively participated in various celebrations and events, including the 77th 15th August 2022 Independence Day celebration,

the 74th 26th January 2023 celebration,

Gandhi Jayanti Celebration,

Coverage of World TB Celebration in form of CME,

17th Convocation which was held on 1st March 2023 department played an active role in planning and execution of the convocation along with arrangements of sound and live stream system for the said convocation.

Helped in Zoom video editing for "transforming higher education in multidisciplinary institution"

MGM Medical College Kamothe:

Support for the Following Programs

CME Held on 15th OCT "Remembrance meet"

CME held on 12th Nov By CVTS Dept

CME Held on 21st Jan By Anesthesia Dept

CME held on 4and5th Feb by Physiology Dept

Documentary Video Production for PSM Dept

These events fostered a sense of community and promoted awareness of important social issues.

Collaboration of Medialab, IQAC, and MEU:

The department collaborated with various entities, including IQAC, and MEU, to record 8 videos for teacher awards. This collaborative effort aimed to recognize and appreciate the outstanding contributions of teachers within the institution.

Geotagging of Campus and all constituent units Photos:

In collaboration with the Sports Department and all constituent units, captured geotagged photos of the campus. This initiative aimed to maintain accurate records and facilitate efficient management of campus resources.

Video Productions:

The department was involved in the production of several videos,

3 Videos for MGM Medical Hospital for Patient Education and Hospital Services

4 videos for Dr. Rita edited for LMS purposes

Shot and Edited Alumni Talk by Dr. Iftikar organized by Dept of Physiology

These videos served different purposes, including promotion, documentation, and raising awareness.

Association with Sports Department:

The department collaborated with the Sports Department to geotag and capture normal photos of medicinal plants, sports equipment, solar grids, outdoor areas, gym facilities, and rhythm-related activities.

These efforts aimed to enhance the overall sports infrastructure and encourage physical well-being among students.

MGM Medical College Vashi:

Edited video of college for inspection submission purpose Support in online Inspection of Medical College Vashi for 7 days

MGM School of Biomedical Sciences

Collaboration in NSS Camp by MGMSBS:

An elaborate NSS Camp was organized in ambernath by Dr. Avinash Narayankar, held in march with various the camp covering a diverse range of topics including deaddiction, social media awareness, self-defense, health check-ups, and communication skills. The students actively participated in the quiz competition, case dissection, brain games, and community service, showcasing their enthusiasm for both learning and community engagement. The NSS camp in Ambernath was a success, fostering not only academic and personal development but also instilling a sense of social responsibility among the students. We believe that such initiatives play a crucial role in shaping well-rounded individuals who are not only academically proficient but also socially aware and responsible.

SBS Exuberance:

Provided all the support required for MGMSBS for Exuberance pre and post Function

MGMSBS Photo Competition and Judging:

A photography competition was held by the department, and a panel of judges evaluated the submissions. This event aimed to encourage students to showcase their photographic skills and creativity.

Testimonial Videos for MGMSBS:

The department produced testimonial videos featuring students and faculty members sharing their experiences and perspectives about MGMSBS and Meditation. These videos served as a valuable resource for prospective students, providing insights into the institution's strengths and culture.

Thesis:

Shot and edited the thesis defense of Dr. Yogesh Patil Aarambh Science and wellness club:

Live Stream:

Gurbani Sangeet Orchestra. Akal Academy Baru Sahib. **Lecture on Artificial Intelligence** in Medical Practice in induction program

Aarambh Science and Wellness Club:

Mentoring the club for various activities, and also coordinating and training students in photography and videography.

Wellness fest- Yog Mahotsav

Yog Mahotsav Panvel

Cleanliness drive at yog vatika Community service at SRCM Panvel International Yoga Day Celebration Deeksharambh Induction program Independence Day celebration and tree plantation drive

MGM Prosthetics and Orthotics:

Exam Duty for Prosthetics and orthotics recorded and edited practical exam.

MGM School of Physiotherapy:

Medical Photography Lecture organized for 5th-semester students, focusing on 2D motion capture. 4 Week Course.

New Bombay School of Nursing:

Department edited a total of **7 videos** for LMS. These videos were created to enhance knowledge and skills among nursing staff and students, covering a wide range of topics relevant to their profession.

Shot and Edited 23 Videos for thesis purpose

MGM Dental College and hospital

Actively engaged in conducting lectures and producing educational materials.

Department has been conducting weekly lectures for a six-month course targeted at postgraduate students.

Additionally, the department organized a two-day lecture series specifically designed for interns on 12th and 13th Dec, focusing on essential topics in dentistry.

Intellispace Software and Smart Panel Demonstrations

Faculty development program successfully organized demonstrations of the Intellispace software and Smart Panel with IQAC for all staff (80). This initiative aimed to showcase the capabilities and benefits of these innovative technologies in enhancing efficiency and improving patient care. The demonstrations were well-received.

Furthermore, the department successfully shot and edited **19 videos** covering various aspects of dental care.

also implemented geo tags on dental photos to improve patient record management and facilitate efficient treatment planning.

A video on dental implant procedures was produced, aiming to educate both dental professionals and patients on this topic.

Spandan:

A 2 days state level dance competition was held at dental college at MGMIHS Campus all the live stream of 3 halls for 2 days were handled by medialab

The department's diverse activities and collaborations demonstrated its commitment to providing a holistic learning experience for students, promoting excellence in education, fostering creativity, and creating a vibrant and inclusive campus environment.

MGMIHS PHYSICAL EDUCATION & SPORTS SECTION

	COMPETITIONS / EVENT REPOTRS SPORTS REPORT ON PARTCIPATION: 2022														
	AT A GLANCE IN SPORTS - QUICK FACTS														
				PLA	YERS				IKS						
NO	PARTICULAR		:	1st SEP,	2022 TO	31st Al	JG, 202	3	REMARKS						
		PLAYERS	1	PLAYER	S	wc	N/ BAC	GGED	REN						
No	CADRE		MAN	WOMAN	TOTAL	MAN	WOMAN	TOTAL							
1	2	3	4	5	6	7	8	9	11						
1	National Tournaments		6	2	8	NIL	NIL	NIL							
2	State Level Tournaments		3	1	4	3	1	4							
3	University Level Tournaments		NIL	NIL	NIL	NIL	NIL	NIL							
4	District level Tournaments		NIL	NIL	NIL	NIL	NIL	NIL							
5	Institute Level Tournaments (7th MGM Olympics)		NIL	NIL	NIL	NIL	NIL	NIL							
	TOTAL		9	3	12	3	1	4							

AT A GLANCE ANNUAL SPORTS PARTICIPATION REPORT

				L SPORTS REPO						
Mu	mber of	Awards/ Medals for outstanding	performance i	n Sports/ Culture AWARD	activit	Sec.	at S	tate	Regional (Zo	nal) / Mational /
S.NO	YEAR	NAME OF AWARD/ MEDALS	ORGANIZATION WHO GAVE THE AWARD/	PLACE & VENUE	DATE OF RECEIVING AWARD	STATE LEVEL	NATIONAL LEVEL	TOTAL	NAME OF PLAYER'S	REMARK
1	National	ALL INDIA INTER-UNIVERSITY FENCYING (MEN-WOMEN) CHAIMPIONSHIP 2022-23	AU.	UNIVERSITY OF JAMMU, JAMMU.	22/21/12 ⁴⁴ 22/21/06	0	7	1	1. MR. SARWESWWR. MISAL	Top 32 out of 256
2	National	ALL INDIA INTER-UNIVERSITY FENCYING (MEN-WOMEN) CHAIMPIONSHIP 2022-23	AIU	UNIVERSITY OF DAVIMU, DAVIMU.	20/12/22 to	D	1	1	1. MR. DIGNIAY DESHMUKH	Top 68 out of 256
3	Mattional	ALL INDIA INTER-UNIVERSITY WRESTLING FREE STYLE (WOMEN) CHAIMPIONSHIP 2022-23	Alu	SAMTRIBALPULE PUNE UNIVERSITY, PUNE. MANARASHTRA	02/10/50 02/10/50	D	Ħ		1. PRAMALI RAJARAM KUMBHAR	PARTICIPATE (SECOND ROUND)
4	National	ALL INDIAINTER-UNIVERSITY CYCLING (MEN-WOMEN) CHAMPIONSHIP 2022-23	Alu	MGM UNIVERSITY, CHH. SAMBHAJINAGAR (AURANGABAD)	14-03-33	D	н	1	1. MS. ALSHWARYA ASHOE PATE.	Participation
5	National	ALL MOIAINTER-UNIVERSITY CYCLING (MEN-WOMEN) CHAIMPIONSHP 2022-23	Alu	MGM UNIVERSITY, CHH. SAMEHAIPAGAR DAURANGADADI	14-02-23	D	1	1	1. MR. AMAN SAIN	Participation
6	National	ALL MOIAINTER-UNIVERSITY CYCLING (MEN-WOMEN) CHAIMPIONSHIP 2022-23	Alu	MGM UNIVERSITY, CHH. SAMBHAUMAGAR JAURANGABADI	14-02-23	D	Ħ		1. MR. ATHARVA AHRE	Participation
7	National	ALL INDIA INTER-UNIVERSITY CYCLING (MEN-WOMEN) CHAMPIONSHIP 2022-23	Alli	MGM UNIVERSITY, CHH. SAVIBHAI BAGAR JAURANGABADI	14-03-33	D	Ħ	1	1. MR. ABHIBHANU ANAND DHARWADKAR	Participation
	National	ALL INDIA INTER-UNIVERSITY CYCLING (MEN-WOMEN) CHAIMPIONSHIP 2022-23	AIU	MGM UNIVERSITY, CHH. SAMBHAIJWAGAR JAURANGABADJ	14-00-23	D	Ħ		1. MR. PRASHANT KADWM	Participation
9	State	30th JURIOR JUNIOR FENCYING (MEN-WOWER) CHAIMPIONSHIP 2022	PUNE, MAHARASHTRA	MAHARASHTRA FENCYING ASSOCIATION, NAVIDED	DE,06/32 TO 11/06/22	1	o	1	1. MR SARWESWAR MEAL	2nd Rank with Four Silver Medals
10	State	MAHARASHTRA STATE JUNIOR EQUIPPED POWERLIFTING (MEN- WOMEN) CHAIMPIONSHIP 2022	AURANGADAD DISTRICT POWERUFTING ASSOCIATION	GARKHED, DIST- AURANGABAD	11-06-22	1	o	1	1. ANKUR ANAND KESARKAR	Won Silver Medal (Selected for National Powerlifting Championship)
11	State	STATE LEVEL PHYSIOTHERAPY BADMINTON LEAGE (PTBL)	PUNE, MAHARASHTRA	PUNE, MAHARASHTRA	04/00//22 TO 05/00/22	2	Q	2	1. SUDHIKSHA VYAS 2. YEDANT HGARAT	Won 1st position
		TOTAL PARTICIPATE				4	88	12		

MGMIHS HAS TWO CAMPUS UNDER DEEMED TO BE UNIVERSITY WITH HEAD QUARTER AT NAVI MUMBAI AND OTHER CAMPUS AT CHH. SAMBHAJI NAGAR (AURANGABAD).

MGMIHS nurtures recreational & sport talent amongst students, teaching & non-teaching staff at both the campuses which have excellent sport infrastructures.

- A. MGM Chht. Sambhajinagar (Aurangabad) has signed MOU with Sports Authority of India for training of Masters of sports physiotherapy students the expertise of faculty is utilized in treatment and rehabilitation of injured students of the campus.
- B. On the occasion of the 41st anniversary MGM organization, 7th M.G.M Olympics was held from 11th December 2023 to 13th December 2023. Nine hundred students participated in it and did an excellent job.
- C. Navi Mumbai Campus is nearby Mumbai-Pune Express Highway & Chht. Sambhajinagar (Aurangabad) is in Center of the city.
- D. MGM Sports & Health Club, Chht. Sambhajinagar (Aurangabad).
 - 1. Initiated under the trust of "Mahatma Gandhi Mission" and following the principles of Mahatma Gandhi, MGM Sports Club & stadium offers complete-health care and fitness solution along with complete peace of mind to its members.
 - 2. Our Focus is to create awareness about fitness and provide the people of Chht. Sambhajinagar (Aurangabad) with astounding health, nutrition and fitness facilities that would help them revive their long lost vigor and eradicate their fitness woes.
 - 3. The MGM Sports Club facilities are exclusively designed with a wide range of fun and effective fitness activities to reconnect the mind, body and spirit of all age groups that would shepherd you to lose yourself in a number of patent activities.
 - **4.** With a total 4500 Sq. mts, our intimate, world-class sports club facility has been created to ensure that every detail provides you with an unparalleled experience.
 - **5.** We have around 750 active Members with MGM Sports Club which are mostly focused on Corporate / Professionals like Doctors, Engineers. / Bureaucrats etc.

A) THE CAMPUS / INFRASTRUCTURE

- **01.** Micro forest (Manmade Dense Forest)
- 02. 1 MW Solar Plant.
- **03.** Auditorium (Modern Equiped/Ac)
 - A: Navi Mumbai Campus
 - B: Chht Sambhajinagar (Aurangabad)
- **04.** Amphi Theatre
 - A: Chht. Sambhajinagar (Aurangabad)
- 05. Conference Halls
- 06. Seminar Halls
- 07. Liquor free
- **08.** Tobacco Free
- **09.** Plastic Free
- 10. Anti-Ragging Free
- 11. Healthy, Rejuvenating, Refreshing living environment
- 12. Comfortable student Housing with Amenities.
- 13. Smoke detectors, fire fighter to combat any untoward incidents

B) DISTANCE FROM

- 01. Nearest Airport:
 - A) Navi Mumbai: 9.4 km Proposed (16 min) I Mumbai: 41.0 km (1hr 17 min)
 - **B)** Chht. Sambhajinagar (Aurangabad): 41.0 km (1hr 17 min)
- 02. Nearest Seaport:

Nhava Sheva: 30.0 km (47 min) I **Mumbai**: 41.4 km (56 min)

- 03. Nearest Railway Station:
 - **A) Khandeshwar**: 4.2 km (10 min) I **Panvel**: 5.7 km (14 min) I **CST Mumbai**: 42 km (59 min)
 - **B)** Chht. Sambhajinagar (Aurangabad): 5.4 km (15 min)
- 04. Nearest Bus Stand:
 - A) Kalamboli Circle: 0 km (Mumbai-Pune Express Highway I Panvel: 4.3 km (11min)
 - B) Cidco bus stand. Chht. Sambhajinagar (Aurangabad): 1.9 km (6 min)
- C). GPS MAP CAMERA
- 01. MGM Sports Camplex, Kamothe, Navi Mumbai, Maharashtra 410206, India:

Lat: 19.016015⁰ I Long: 73.102562⁰

02. MGM Sports Complex, Chht. Sambhajinagar, Aurangabad, Maharashtra 410206, India:

Lat: 19.857690⁰ I Long: 75.343600⁰

- D). CONNECTIVITY FACILITY
- 01. Navi Mumbai:
 - 1. 2 Lines with 1GBPS High Speed Internet Connectivity (1-NKN & 1 TATA)
 - 2. MHMIHS-Wifi Facility Available
- 02. Chht. Sambhajinagar (Aurangabad):

1 Lines with 1GBPS High - Speed Internet Connectivity (1- BSNL)

03. Entire Campus with CCTV. (24 x 7 CCTV Surveillance)

E) AMENITIES : MULTI- PURPOSE FACILITY IN PHYSICAL EDUCATION & GAME SECTION





MGM SPORTS COMPLEX, Chh. Sambhajinagar (Aurangabad) Maharashtra.

MGM SPORTS COMPLEX, Navi Mumbai. Maharashtra

- **01.** Total sports area of Chht. Sambhajinagar (Aurangabad) campus: 1,87,141.63 sq.mtr. Navi Mumbai Campus: 8,490.05 sq.mtr. & Both campus total area:
 - 1,95,631.68 sq.mtr.
- **02.** Accommodation for the players
- **03.** AIU (Association of Indian Universities) sport participation
- **04.** Appointment of trained and highly experienced physical education & game Staff & Instructor.
- **05.** ATMs
- **06.** American Taiwan Selection One Lawn
- **07.** Bank
- **08.** Bath rooms
- **09.** Books regarding sports information are available in library
- **10.** Cafeterias
- 11. Campus Speed breakers
- **12.** Changing rooms
- **13.** Considering the student and equipment safety measures
- 14. Convenience Shops
- 15. Cricket stadium
- 16. Drinking water
- **17.** Feedback monitors
- **18.** First aid facility
- **19.** First MBBS students are involved is sports activity as part of Foundation Course (every Saturday)
- 20. Generator back-up
- 21. Hangout Places
- 22. Heath Care Centre
- 23. Induction programs for all first-year
- 24. It's a complete hi-tech sport facility
- **25.** Loud speaker system with wireless microphone
- 26. Lush Green Campus
- **27.** Medical facility

- 28. MGM Campus Food
- **29.** Naturopathy
- **30.** Organize sports / games in district level sports to national level sport / games
- 31. Separate Parking and spacious
- **32.** Planning an inter-college sports tournament to develop a spirit of healthy competition
- **33.** Pop up sprinkler & Hydrant Irrigation System (Netaflm)
- **34.** Ramps for sports building
- **35.** Registration desk, waiting area and entries
- **36.** Regular practice
- 37. Shopping Centre
- 38. Special coaching
- **39.** Sports activities for students
- **40.** Sports ground development services.
- **41.** Sports pavilion
- 42. Student lockers
- **43.** Student participate in district level to national level sports.
- **44.** Teaching staff and non-teaching of the colleges and hospitals also participate in sports activities
- **45.** Toilet rooms
- 46. Transportation facility
- **47.** Use social media network
- **48.** Ride on Mover Lawn Cutting Machine
- **49.** Motion Sensor Based Energy Conservation Solar LED Sports Light
- **50.** International Level Sports Facilities
- **51.** Professional, Qualified & dedicated Coaches
- **52.** freedom to choose the game
- **53.** Talent Search Camp
- **54.** THE SALT (Restaurant)
- **55.** Guest House & Banquets

MGMIHS UNIVERSITY HAS SET UP SPORTING FACILITIES / GROUNDS FOR F) OUTDOOR GAMES FACILITIES:



BASKETBALL COURT - MGM SPORTS COMPLE,

Navi Mumbai, Maharashtra.

- **01.** Basketball Multi-Purpose Fields (512.75sq.m. having user rate 80 per day)
- **02.** Full Green Field Cricket ground 2 Multi-Purpose Fields & Cricket Stadium (38409.26 sq. m having user rate 32 per day)
 - **01.** Male and Female separate gymnasium with latest techno equipments for Cardio, Strength etc which is accommodated in 200 Sq. mts area.
 - **02.** Along with Gym, Various fitness activities like GFS, Zumba are conducted by our professional fitness experts.
 - **03.** Every year around 600 members join at our GYM.
- 03. Full Green Field Football Courts 2 (4050.00sq, m. Having user rate 22 per day



FULL GREEN FIELD FOOTBALL
COURT
MGM SPORTS COMPLE, Chh,
Sambhajinagar (Aurangabad) Maharashtra.

04. Golf club (with 9 holes) Chht. Sambhajinagar, (Aurangabad.) (129499sq.m. having user rate 6 per day

- 1. The Only Golf Club in Marathwada region, spread around 32 Acres with 9 Holes, providing game facilities for all the Golf Lovers in the region.
- 2. Professional Golf coaching is being provided with exclusive equipments and facilities.
- 3. Presently there are 32 active members who are regular to the Golf Club.
- 4. Around 100 to 150 members have been trained at our MGM Golf Club.
- 5. In Order to promote the sports in the region, various activities like Golf camps are being conducted.
- **05.** Hockey, Kabaddi (260.00 sq. m. Having user rate 65 per day)
- **06.** Hydro therapy
- **07.** Kho-kho (342.89sq, m. Having user rate 70 per day
- **08.** Lawn tennis courts 2 (with 1 practice court)
- 09. Langadi
- 10. Soft Tennis
- 11. Handball courts -2
- 12. Sports complex
- **13.** Sports grounds
- **14.** Swimming pool 3 Chht. Sambhajinagar, (Aurangabad.)
- **15.** Tug of war
- **16.** Volleyball Multi-Purpose Fields 2 (324.00sq, m. Having user rate 22 per day)
- 17. Water polo





G). INDOOR GAMES FACILITIES:

01. Auditoriums



RUKMINI AUDITORIUM MGM Educational Comple, Chh, Sambhajinagar (Aurangabad) Maharashtra.



MGM MEDICAL COLLEGE, AUDITORIUM MGM Sports Comple, Kamothe, Navi Mumbai. Maharashtra.

02. Badminton courts - 2 (One Wooden flooring) (Chht. Sambhajinagar, Aurangabad.)

(829. 98sq.m having user rate 32 per day)

- 1. Indoor Wooden Floor courts, where professional coaching is conducted for aspiring Badminton enthusiasts.
- **2.** We have encouraged few of young buds to participate in the District Level Badminton tournaments and achieved success through our badminton academy.
- 3. Presently there are 50 members playing badminton regularly
- **03.** Billiards & pool
- **04.** Carrom
- 05. Chess
- **06.** Fencing court (36.00 sq, m. Having user rate 3 per day)
- **07.** Gymnasiums 2 Chht. Sambhajinagar (Aurangabad.) (223. 27sq.m having user rate 85 per day) & Navi Mumbai.
- **08.** Gym & Fitness Centre (2+1)
- **09.** Health spas
- 10. Indoor stadium
- 11. Judo (260.00sq, m. Having user rate 4 per day)
- 12. Rifle shooting (433.02 having user rate 35 per day) Chht. Sambhajinagar, (Aurangabad.)
- **13.** Squash Court 1 (4230.62 sq, m having user rate 72 per day)
- 14. Table tennis 5 (245.28 sq, m. Having user rate 45 per day)

H). TRACK & FIELD EVENTS FACILITIES:

A) RUNNING EVENTS:

- **01.** Sprints (100m, 200m, 400m)
- **02.** Middle distance (800m, 1500m,)
- **03. Long Distance** (3000m, steeplechase 5000m, 10,000m),
- **04.** Hurdles
- **05.** Relay batons
- **06.** Track (200m / 400m)
- 07. Marathon



B) THROWING EVENTS:

- **01.** Discus throw
- **02.** Hammer throw
- **03.** Javelin throw
- **04.** shot-put throw

C) JUMPING EVENTS:

- **01.** Long hump & triple jump
- **02.** High jump
- **03.** Pole vault
- **04.** triple jump

I). GYMNASTICS FACILITIES:

(GYMNASIUM HALL WITH MODERN AMENITIES IS AVAILABLE.)

- **01.** Balance beam
- **02.** Rope Mallakhamb
- **03.** Pole Mallakhamb
- **04.** Skipping rope
- **05.** Men's artistic gym
- **06.** women's artistic gym

J). YOGA & MEDITATION FACILITIES:



YOGA CENTRE

MGM SPORTS COMPLE, Chh, Sambhajinagar (Aurangabad) Maharashtra.

- **01.** Yoga center is available in both the campuses with capacity of 50-100in batches
- 02. Yoga center in Chht. Sambhajinagar (Aurangabad)
- 1 & Navi Mumbai campus 2
- **03.** The total area at Chht. Sambhajinagar (Aurangabad) centers is 4402.00 sq.ft
- **04.** Yoga hall at MGM School of Physiotherapy, Sanpada, Navi Mumbai. (area 201.00 sq.mtr)
- **05.** Appointed trained and highly experienced yoga instructor
- **06.** Yoga activity for students, teaching staff, non teaching staff of the colleges
- **07.** Induction programme are held for all new first year batches
- **08.** International Yoga Day is celebrated on 21st June, every year
- **09.** New renovated center (**Arogyam**) is being developed and has a comprehensive ayush's and naturopathy facility at Aurangabad campus spread over are 4402 sq.

Feet.

YOG VATIKA' (Nature & Yoga) Kamothe, Navi Mumbai



K) SPORTS EVENTS:

- **01.** Sports Day Celebration.
- **02.** Annual Function
- 03. Fresher Parties.
- **04.** Farewell Parties.
- **05.** Inter College Sports Fest.

L). FOLLOWING COMPANIES / ORGANIZATIONS MATCHES WERE HELD AT MGM CHHT. SAMBHAJINAGAR(AURANGABAD) CAMPUS CRICKET STADIUM:

- **01.** Endress + Hauser flow Tech Ltd Tournament events
- **02.** Dhoot Transmissions Tournament events
- 03. Bafna Motors Tournament events
- 04. Can Pack India Pvt. Ltd. Tournament events
- 05. Lupin Tournament events
- 06. Aurangabad Branch of Wirc (CAPL) Tournament events
- 07. Shahid Bhagat Singh Cricket Trophy Tournament events
- 08. Samarthya Pratishtan Tournament events
- 09. Shri Kadva Pathidar Samajh Tournament events
- 10. Aurangabad Zilla Maheshwari Samajh Tournament events
- 11. Cidco Rayal Group Use of Practice wicket
- 12. Royal Constructions Use of Practice wicket
- 13. Zanwar Khandelwal & Associates Use of Practice wicket
- 14. CA Ashish Baheti and Comapany Use of Practice wicket
- 15. AS Bedmutha and Comapany Use of Practice wicket
- 16. JR Madani and Associates Use of Practice wicket
- 17. SS Strikers Team Use of Practice wicket
- 18. Paras and Comapany Use of Practice wicket

M). ASSOCIATIONS WHO CONDUCT SWIMMING SUMMER CAMP EVERY YEAR FACILITIES:

- **01.** Deogiri Sports Accademy Contact No: 9404008433
- 02. Dolphyn Swimming Club Contact No: 9404914555
- 03. Jayhind Sports Contact No: -
- 04. Maharashtra Sports Academy Contact No: 9834051878

N). ACADEMIES AT MGM CHHT. SAMBHAJINAGAR (AURANGABAD) CAMPUS (SPORTS CLUBS):

- A). With a view to develop the all-around personality of students, the MGMIHS University emphasizes as much on sports as on academics.
- B). The University, through all sports Academy, encourages students to attain sporting excellence and provides all the necessary Modern facilities & Equipment to the students for maintaining Physical Fitness and good health.
 - **01.** MGM Badminton Academy
 - **02.** MGM Cricket Academy
 - **03.** MGM Football Academy
 - **04.** MGM & Koham Gymnastics Academy
 - **05.** MGM Riffle Shooting Academy MGM Rifle Shooting Academy is Affiliated to Chht. Sambhajinagar (Aurangabad) District Rifle Shooting Association.
 - **06.** MGM Tennis Academy MGM Tennis Academy is Affiliated to Chht. Sambhajinagar (Aurangabad) District Soft Tennis Association.
 - **07.** MGM Swimming Academy

	NATIC	NAL	LEVE	EL- ALI	- INDIA -	INTE	R-UNI\	/ERSI	TY CHA	MPIONS	SHIP	ANN	UAL	SPORT	SREF	PORT	2022/2	3
S.NO	NAME OF COMPETITIONS	EVENT	LEVEL OF THE COMPETITIONS	ORGANIZED BY	HOST BY	AGE GROUPS	VENUE	COMPETITIONS DATE	NAME OF PLAYERS	COLLEGE NAME & FULL ADDRESS		NO OF RTICIPA		COACH/TEAM LEADER'S NAME	NO OF PARTICIPANTS & DELEGATES	POSITIONS / PRIZE DISTRIBUTION ETC	WHICH	PASSPORT PHOTO
	COM		LEV	ORG	F	AG		COIM	N	COLL	MALE	FEMA LE	TOTA L	COAC) LEADI	PART	LISOA LISOA	NO	
1	ALL INDIA INTER- UNIVERSITY FENCING (MEN & WOMEN) CHAMPIONSHIP 2022-23	FENCING (Foil Type)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	UNIVERSITY OF JAMMU.	OPEN AGE GROUP	UNIVERSITY OF JAMMU	20-12-2022 to 23-12-2022 (04 days)	MR. SARVESHWAR BALU MISAL	MGM SCHOOL OF BIOMEDICAL SCIENCE, AURANGABAD. 2020-21	1	0	1	NA	1	PARTICIPATE (TOP 32 OUT OF 256)	MGMIHS, NAVI MUMBAI	SARVESHWAR.B.MISAL 23/12/2019
2	ALL INDIA INTER- UNIVERSITY FENCING (MEN & WOMEN) CHAMPIONSHIP 2022-23	FENCING (Foil Type)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	UNIVERSITY OG JAMMU.	OPEN AGE GROUP	UNIVERSITY OF JAMMU	20-12-2022 to 23-12-2022 (04 days)	MR. DIGVIJAY RAJESH DESHMUKH	MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD. 2020-21	1	0	1	NA	1	PARTICIPATE (TOP 68 OUT OF 256)	MGMIHS, NAVI MUMBAI	
3	ALL INDIA INTER- UNIVERSITY WRESTLING FREE STYLE (WOMEN) CHAMPIONSHIP 2022-23	WRESTLING (FREE STYLE)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	SAVITRIBAI FULE PUNE UNIVERSITY, PUNE.	OPEN AGE GROUP	DADA PATIL COLLEGE, KARJAT, AHMEDNAGAR.	05-01-2023 to 06-01-2023 (02 days)	Ms. PRANALI RAJARAM KUMBHAR	MGM SCHOOL OF PHYSIOTHERAPY, NAVI MUMBAI. 2021-22	0	1	1	NA	1	PARTICIPATE (2ND ROUND PLAYED)	MGMIHS, NAVI MUMBAI	

4	ALL INDIA INTER- UNIVERSITY CYCLING ROAD (WOMEN) CHAMPIONSHIP 2022-23	CYCLING ROAD (WOMEN)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	M.G.M. UNIVERSITY, AURANGABAD (MH.)	OPEN AGE GROUP	M.G.M. UNIVERSITY, AURANGABAD	14-02-2023 (01 day)	Ms. AISHWARYA ASHOK PATIL	MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD, (MH.). 2019-20	0	1	1	DR. ASHWIN KSHIRSAGAR	1	PARTICIPATE	MGMIHS, NAVI MUMBAI	
5	ALL INDIA INTER- UNIVERSITY CYCLING ROAD (MEN) CHAMPIONSHIP 2022-23	CYCLING ROAD (MEN)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	M.G.M. UNIVERSITY, AURANGABAD (MH.)	OPEN AGE GROUP	M.G.M. UNIVERSITY, AURANGABAD	14-02-2023 (01 day)	MR. AMAN SAINI	MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD, (MH.).	1	0	1	DR. ASHWIN KSHIRSAGAR	1	PARTICIPATE	MGMIHS, NAVI MUMBAI	
6	ALL INDIA INTER- UNIVERSITY CYCLING ROAD (MEN) CHAMPIONSHIP 2022-23	CYCLING ROAD (MEN)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	M.G.M. UNIVERSITY, AURANGABAD (MH.)	OPEN AGE GROUP	M.G.M. UNIVERSITY, AURANGABAD	14-02-2023 (01 day)	MR. ATHARVA AHIRE	MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD, (MH.).	1	0	1	DR. ASHWIN KSHIRSAGAR	1	PARTICIPATE	MGMIHS, NAVI MUMBAI	
7	ALL INDIA INTER- UNIVERSITY CYCLING ROAD (MEN) CHAMPIONSHIP 2022-23	CYCLING ROAD (MEN)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	M.G.M. UNIVERSITY, AURANGABAD (MH.)	OPEN AGE GROUP	M.G.M. UNIVERSITY, AURANGABAD	14-02-2023 (01 day)	MR. ABHIBHANU ANAND DHARWADKAR	MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD, (MH.). 2020-21	1	0	1	DR. ASHWIN KSHIRSAGAR	1	PARTICIPATE	MGMIHS, NAVI MUMBAI	
8	ALL INDIA INTER- UNIVERSITY CYCLING ROAD (MEN) CHAMPIONSHIP 2022-23	CYCLING ROAD (MEN)	NATIONAL LEVEL	ASSOCIATION OF INDIAN UNIVERSITY (AIU)	M.G.M. UNIVERSITY, AURANGABAD (MH.)	OPEN AGE GROUP	M.G.M. UNIVERSITY, AURANGABAD	14-02-2023 (01 day)	MR. PRASHANT KADAM	MGM SCHOOL OF PHYSIOTHERAPY, AURANGABAD, (MH.). 2019-20	1	0	1	DR. ASHWIN KSHIRSAGAR	1	PARTICIPATE	MGMIHS, NAVI MUMBAI	2 552 -

		S	TAT	E LEVE	L- I	NTE	ER-UNIV	ERSITY A	ANN	IUAL	SPO	RT	S R	EPO	RT 20	022-23		
0	OF ITIONS	F	F THE	ED BY	ВУ	oups	TION/C RATION	E	SNOIL	OF ERS	GE NAME & ADDRESS	NO C	F PARTIC	CIPANTS	OF ANTS &	S / PRIZE	CH SITY	DASSBORT
S.NO	NAME OF COMPETITIONS	EVENT	LEVEL OF THE COMPETITIONS	ORGANIZED BY	HOST BY	AGE GROUPS	NAME OF ASSOCIATION/C OLLABORATION ETC.	VENUE	COMPETITIONS	NAME OF PLAYERS	COLLEGE NAME FULL ADDRESS		FEMALE	TOTAL	NO OF PARTICIPANTS	POSITIONS / PRIZE DISTRIBUTION ETC	WHICH UNIVERSITY	PASSPORT PHOTO
1	30TH JUNIOR STATE LEVEL FANCING CHAMPIONSHIP 2022	FENCING (Foil Type)	STATE LEVEL	PUNE (MAHARASHTRA)	NA	OPEN AGE GROUP	AIU	MAHARASHTRA FENCING ASSOCIATION. (NANDED)	06-06-22 to 18-06-22	MR. SARVESHWAR BALU MISAL	MGM SOP COLLEGE, AURANGABAD.	1	0	1	1	2ND RANK with FOUR SILVER MEDALS	USMANABAD DISTRICT TEAM	SARVESHWAR.B.MISAL 23/12/2019
2	MAHARASHTRA STATE JUNIOR EQUIPPED POWERLIFTING CHAMPIONSHIP	POWER LIFTING (59Kg)	STATE LEVEL	AURANGABAD DIST POWERLIFTING ASSOCIATION	NA	OPEN AGE GROUP	AURANGABAD DIST POWERLIFTING ASSOCIATION	GARKHEDA DIST- AURANGABAD (MAHARASHTRA)	11th JUNE 2022	MR. ANKUR ANAND KESARKAR	TY BACHELOR OF MGM SCHOOL OF	1	0	1	1	WON SILVER MEDAL (SELECTED FOR NATIONAL POWERLIFTING CHAMPIONSHIP)	MGMIHS, NAVI MUMBAI	
3	STATE LEVEL PHYSIOTHERAPY BADMINTON LEAGUE (PTBL)	BADMINTON (MIXED DOUBLES)	STATE LEVEL	PUNE (MAHARASHTRA)	NA	OPEN AGE GROUP	BADMINTON LEAGUE FOR PHYSIOTHERAPY (PTBL)	PUNE (MAHARASHTRA)	4TH & 5TH JUNE 2022	SUDHIKSHA VYAS & VEDANT GHARAT	TY BACHELOR OF MGM SCHOOL OF	1	1	2	2	WON 1st POSITION	MGMIHS, NAVI MUMBAI	



Powerlifting (59 Kg) Won Second Position (Silver Medal) Mr. Ankur Anand Kesarkar

राज्यस्तरीय तलवारबाजी स्पर्धेत उस्मानाबाद जिल्हा संघ द्वितीय



उस्मानाबाद : नांदेड येथे चालू असलेल्या ज्युनिअर राज्यस्तरीय तलवारबारबाजी अजिंक्यपद स्पर्धे त उस्मानाबाद जिल्हा संघाने द्वितीय स्थान पटकावून चार सिल्वर मेडतची कमाई केली आहे.

महाराष्ट्र तलवारबाजी संघटनेच्या अधिपत्याखाली नांदेड जिल्हा तलवारबाजी संघटनेच्या वतीने ६ ते ८ जून २०२२ दरम्यान ३० वी ज्युनिअर राज्यस्तरीय तत्वतारबाजी अर्जिक्यपद स्पर्ये चे आयोजन करण्यात आतेते असून या स्पर्धेतून महाराष्ट्र संघ निवडण्यात येणार आहे. फॉईल सांपिक प्रकारात औरंगाबाद विरुद्ध रस्मानाबाद यांच्यात अंतिम सामना चुरशीचा झाला. यामध्ये उस्म

ानाबाद संघास पराभव स्वीकारावा. उस्मानाबाद जिल्हा संघाकडून सेस्द्रार्थ विध्यते, जीवक खंदारे, सर्वे श्वर मिसाळ, विश्वजीत कुलकर्णी यांचा समावेश होता. विजयी संघांचे राजकुमार सोमवंशी, प्रमोद टॉगरे, बालाजी कानडे, सुनील विदेद प्रवीण पवार, काका घोगरे यांनी अभिनंदन केले आहे.

Fencying (Foil Type) Won Second Position Mr. Sarveshwer Balu Misal



Badminton League for Physiotherapist (Ptbl)
Heald On 4^{th & 5th} June 2022 In Pune
Badminton (Mix Double)
Won First Position

Mr. Vadant Gharat & Sudhiksha Vyas

MGM RHYTHM INSTITUTE OF MUSIC AND PERFORMING ARTS ACADEMY

INTRODUCTION:

- MGM Rhythm institute of music and performing arts academy is a music based institute which was inaugurated on 26 January 2020.
- The purpose for the opening of this music institute was to create a musical environment and awareness of stressfree environment among the students and staff of the MGM campus.
- The concept and implementation of the musical institute is done by the trustee of MGM Dr. Sudhir Kadam sir and Director of MGM Rhythm academy Pramod Sarkate sir.
- Music is a very interesting and vast subject which can be learned and acknowledged by
 everyone so is the reason for the opening of rhythm music academy for orienting and
 implimenting the propaganda.

The MGM RHYTHM ACADEMY has been Inaugurated by the auspicious hands Of

- Padmashree, Bhavgandharv Pandit Hridaynath ji Mangeshkar,
- Hon'ble Trustee Director MGMIHS Dr. Sudhir Kadam Sir,
- Hon Dr. Nitin Kadam Sir.
- Vice-Chancellor MGMIHS Hon'ble Dr. Shashank Dalvi,
- Registrar MGMIHS Dr. Rajesh Goel
- Dean Dr. Narshetty
- Director of MGM RHYTHM Institute Mr. Pramod Sarkate Sir& Swaraj Sarkate INAUGURATION HIGHLIGHTS









PICTURES OF THE RHYTHM MUSIC INSTITUTE

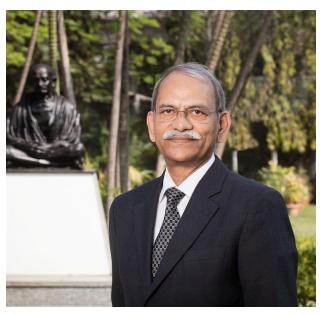


Vision and Mission

Mission:

- Our purpose is to create a stressfree enviornment through music which would help them increase their self confidence, creativity and imagination.
- The MGM Rhythm Institute is willing to create music which can be helpful in curing diseases and healing mental health.
- Students graduating from rhythm institute will have required skills of music which would help them lifetime for living a peacefull life with joy and prosperity.
- Rhythm institute will help the people to explore their talents and to magnify their skills of their own respective fields.

MESSAGE FROM HON TRUSTEE & DIRECTOR OF MGM DR. SUDHIR N KADAM



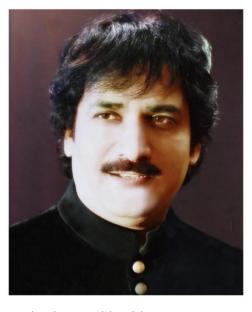
Being a doctor, I have always adored music as a listener and after meeting Pramod Sarkate, we decided to open up a music institute to promote music culture in the mgm campus.

After listening to so many legends of music industry, we decided to inaugrate this music academy by the hands of Padmashri Pt. Hridaynath Mangeshkar. His blessing and our vision and mission led in the opening of a wonderful music and performing arts academy.

The vision was to upbring new talents and help them achieve a brilliant huge platform to reach at a superior milestone.

My wishes and blessings are always with Rhythm and their directors, students, staff.

MESSAGE FROM HON. PRAMOD SARKATE DIRECTOR OF MGM RHYTHM INSTITUE OF MUSIC AND PERFORMING ARTS ACADEMY.



"MUSIC IS THE MEDICINE OF THE MIND AND MUSIC IN THE SOUL CAN BE HEARD BY THE UNIVERSE".....

the MGM Rhythm Institute of Music and Performing Arts Academy was inaugrated by my guru Padmashri Pt. Hridaynath ji Mageshkar, with the blessings of Hon'ble trustee Shri Ankushraoji Kadam Sir, Shri Kamalkishoreji Kadam Sir, with the concept and execution of Hon'ble trustee Dr. Sudhir Kadam Sir, Vice Chancellor Dr. Shashank Dalvi Sir, Dr Nitin Kadam Sir. This music institute aims to provide a high quality music education to everyone from privileged to unpriviliged. music have always helped everyone to release stress and

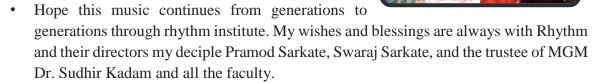
to heal mental health.

Rhythm will try to enhance soulful and charismatic music among everyone who will be a part of this institute.

People who will be learning within the institute the music courses such as classical and light vocal singing, instruments, music production, sound engeneering, dance, acting etc. will be getting degrees and certificates related to the courses. Also, the music therapy sessions will help them release their stress and help them explore their talents and skills.

MESSAGE FROM HON PADMASHRI PT HRIDAYNATH JI MANGESHKAR

- Music is a piece of art that goes through ear straight to the heart.
- The trustee of MGM Dr. Sudhir Kadam and Director of Rhythm Pramod Sarkate have initiated a wonderful music institute that is Rhythm. This institute not only consists of learning of music but also performing arts that is music, dance, acting and different type of art form.
- Rhythm music institute will try to upbring and propagate the classical music among the people who wants to learn and acquire the knowledge of indian classical music.
- I have done many projects along with many hit songs and my songs sung by my elder sister bharatratna lata didi mangeshkar and padmabushan asha bhosle made the indian music and film industry a glamorous one.





COURSES AND TRAININGS

• CLASSICAL SINGING

Degree Course In Classical 1 To 7 Years Certificate Course In Classical 1 Year

• INSTRUMENTS

Certificate Course In Instruments 1 Year

• CLASSICAL DANCE

Degree Course In Classical
Dance
1 To 7 Years
Certificate Course In Classical
Dance

LIGHT VOCAL SINGING

Degree Course In Light Vocal 1 To 3 Years Certificate Course In Light Vocal 1 Year

FOLK MUSIC

Certificate Course In Folk Music 1 Year

• WESTERN DANCE & ZOOMBA

Certificate Course In Western Dance 1 Year

• MUSIC PRODUCTION

Certificate Course In Music Production 1 Year

• THEATRE ARTS / DRAMA

Certificate Course In Theatre Drama 1 Year

• THE KARAOKE CLUB

• SOUND ENGINEERING

Certificate Course In Sound Engineering 1 Year

• PRODUCTION ACTING

Certificate Course In Technical And Camera Acting

1 Year

• TRAINING FOR LIVE PERFORMANCE







September 2022 To August 2023 Report

SEPTEMBER

01 TO 24 September – Music Sessions of Singing, Guitar & Keyboard **20 – 30 September** – practice of students at rhythm for a competition

OCTOBER

10 TO 20 October - Music Sessions of Singing, Guitar & Keyboard

NOVEMBER

14 TO 28 November- Music Sessions of Singing, Guitar & Keyboard **01 TO 20 November**- Practice of students at Rhythm for a competition

DECEMBER

01 TO 20 December – Music Sessions of Singing, Guitar & Keyboard

JANUARY 2023

16 TO 30 January – Music Sessions of Singing, Guitar & Keyboard **26 January** - Republic day celebration at MGM Nerul School, performance by students and Directors of MGM Rhythm Academy in the presence of Director and Trustee of MGM Hon'ble Dr. Sudhir Kadam, G. D. Patil, Principal of MGM Nerul School, staff and students.

FEBRUARY

06 TO 24 February - Music Sessions of Singing, Guitar & Keyboard

MARCH

02 TO 20 March - Music Sessions of Singing, Guitar & Keyboard

APRIL

13 TO 28 April – Music Sessions of Singing, Guitar & Keyboard

MAY

15 TO 27 May – Music Sessions of Singing, Guitar & Keyboard

JUNE

13 TO 25 June - Music Sessions of Singing, Guitar & Keyboard

JULY

05 TO 22 July - Music Sessions of Singing, Guitar & Keyboard **01 TO 31 July** – MGM COC, CSIT, IMSR students practice at mgm rhythm centrall hall for youth festival 2023.

AUGUST

01 TO 21 August - Music Sessions of Singing, Guitar & Keyboard

17 TO 19 August - MGM COC, CSIT, IMSR students practice at mgm rhythm centrall hall for youth festival 2023 and performance day.

07 TO 15 August - Practice & preparation of students at Rhythm for 15thAugust Independence Day patriotic competition organised by MGM Institute of Health Sciences & MGM Rhythm Academy. Competition held on 14th Augiust in the presence of the Dean of MGM Dental, Dr. Shrivalli Natarajan, Director of MGM SBS Dr. Mansi Thakur, Director Pramod Sarkate & students. Price distribution held on 15th August by the hands of Hom'ble Trustee and Chairman Shri. Kamalkishore Kadam, Dr. Sudhir Kadam, Vice-chancellor Dr. Shashank Dalvi, Dr. Nitin Kadam, all the faculty staff & students.

09 to 12 August – MGM School of Physiotherapy event Meri Maati Mera Desh comprising of elocution, debate, singing and clay workshop held at MGM Rhythm central hall.



REPUBLIC DAY CELEBRATION AT MGM NERUL SCHOOL



PATRIOTIC COMPETITON 2023





15th August Patriotic Competiton Certificate Distribution To All Participents By Dean Dr. Shrivalli Natarajan, Dr. Mansi Thakur, Director Pramod Sarkate And Faculty.



15th August Celebration



MGM School of Physiotherapy Event And Zoomba Session at Rhythm



Hon'ble Chairman, Dignitaries Visit & Activities at Rhythm



Student Cultural Activity & Programs

NEW PROJECTS AND PLANS OF MGM RHYTHM ACADEMY FOR 2023-24

- New recording studio at rhythm academy for students and faculty.
- Purpose of the recording studio will be to teach the technically musical knowledge to students.
- Music courses for recording studio such as music production and sound engineering will be implImented in the studies.
- Students can record different songs for themselves and upload it on various social platforms such as youtube.
- Different type of music can be recorded for various purposes such as MGM Anthem.
- To research and study on music theraphy.
- To work on the subject musicology a musically theoratical subject to make it on a different level.
- With the help of doctors and faculty we can work on the study of music theraphy.
- To make music and dance a beautiful culture at MGM with various students who can perform in various competitions in and outside the campus.
- To organise concerts and workshops of famous personalities of indian music industry in the mgm campus

PROPOSED PLAN FOR RECORDING STUDIO AT MGM RHYTHM ACADEMY









FROM THE DESK OF CO DIRECTOR MR SWARAJ SARKATE



MUSIC GIVES A SOUL TO THE UNIVERSE, WINGS TO THE MIND, FLIGHT TO THE IMAGINATION AND LIFE TO EVERYTHING...

- MGM Rhythm Music Academy is obliged to fullfil its duties regarding musical activities, trainings & courses and the bringing of peacefullness and joy to students and faculties.
- MGM Rhythm Music Academy will try to upbring new talent from mgm campus to participate in various activities.
- The music sessions is a key to release stress from the people learning in the Rhythm Academy inspite of having tough curriculum, these sessions helps them to relax.
- The new projects of the year 2023-24 such as recording studio will be extraordinarily useful for everyone in mgm.

INSTITUTION'S AWARDS / ACCREDITATION / APPROVAL



Momento of Appreciation from Ministry of Youth Affairs of Sports GOVT of India Nehru Yuva Kendra Alibag April 23



Swachhata Award 1st from Panvel Municipal Corporation Corporation for "Hospital"



NABH Accreditation 16.09.2020 to 15.09.2027



First Place Winner for Green Hospital Abstract Initiative for on occasion of World Health Day 2022for "College



Swachhata Award 2nd from Panvel Municipal Corporation for "Hospital"



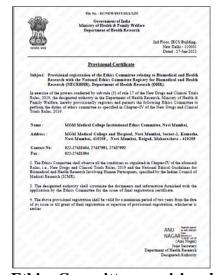
NABH Accreditation 19.10.2020 to 15.09.2023



NABH MGM Medical College & Hospital, Aurangabad



NABL MGM Medical College & Hospital, Navi Mumbai



Ethics Committee provisional
Certificate NECRBHR by
GOI Ministry of Health &
Family Welfare Department of Health
Research dated 27.01.2022



NIRF Overall (Rank Band 151-



12th B Status



3-star Certificate of Institution's Innovation Council (IIC) AcademicYear2022-23







Category I Institute

Renewal of Blood Centre License No. KD 36



CME Accreditation Maharashtra Medical Council, Mumbai, 25.01.2019 to 09.10.2023.



Eat Right CampusCertificate 5 star





MAHATMA GANDHI MISSION MGM INSTITUTE OF HEALTH SCIENCES

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

Accredited with Grade 'A**'

ANNUAL REPORT 2022 - 23