



MAHATMA GANDHI MISSION
MGM INSTITUTE OF HEALTH SCIENCES

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

Accredited with Grade 'A⁺⁺' By NAAC



ANNUAL REPORT
2021 - 22

MGMIHS ANNUAL REPORT 2021-22



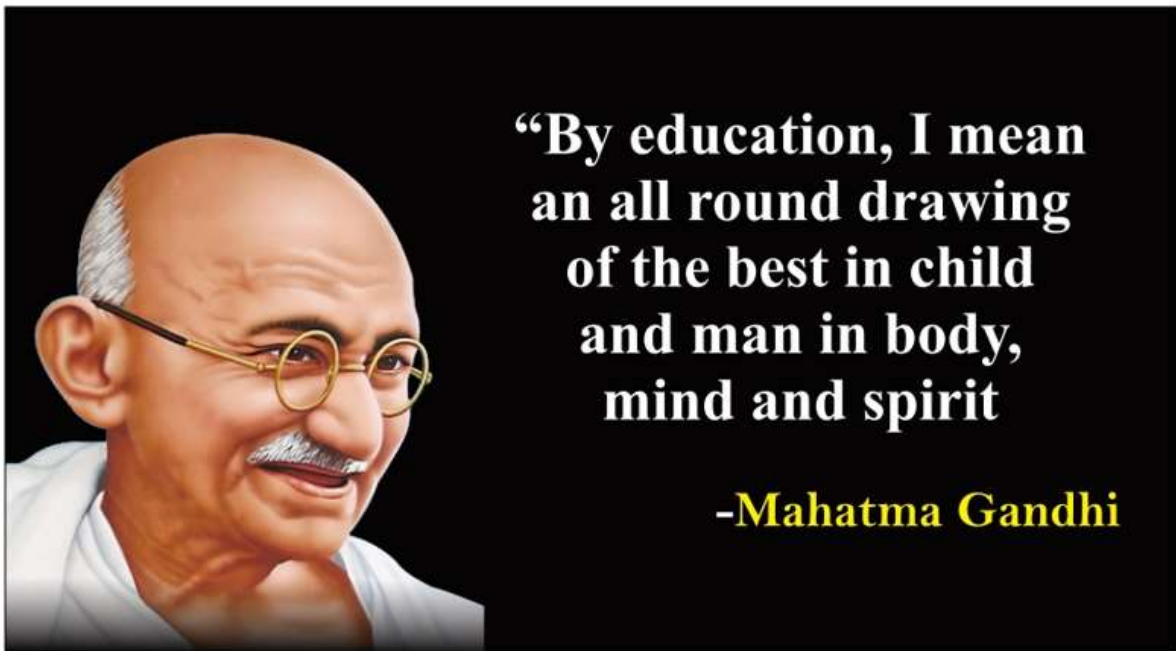
MAHATMA GANDHI MISSION
MGM INSTITUTE OF HEALTH SCIENCES

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

Accredited with Grade 'A⁺⁺' By NAAC

ANNUALREPORT 2021 - 22

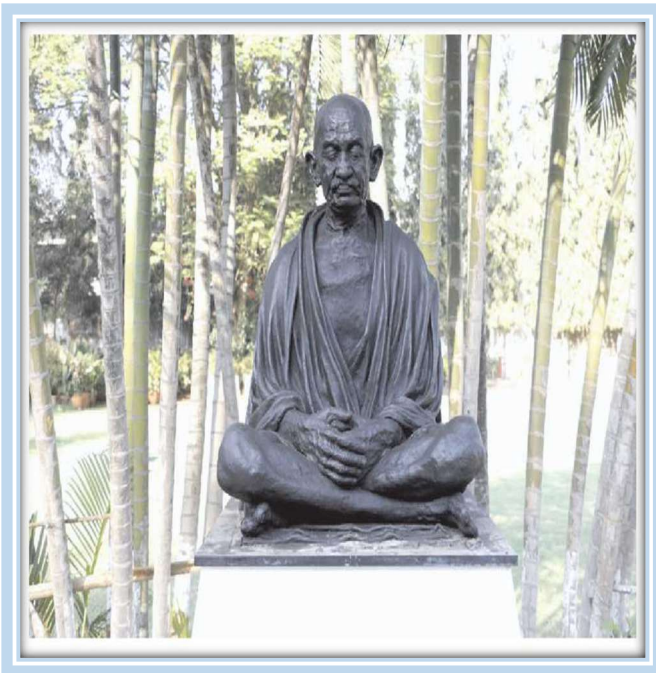
OUR ROLE MODEL



**“By education, I mean
an all round drawing
of the best in child
and man in body,
mind and spirit**

-Mahatma Gandhi

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	06
2.	Editorial Board	07-08
3.	Messages of University Authorities	09-13
4.	Mahatma Gandhi Mission Trust	14-15
5.	MGM Institute of Health Sciences	16-23
6.	MGMIHS Authorities	24-45
7.	Internal Quality Assurance Cell	46-48
8.	MGMIHS Centre of Excellence	49-107
9.	Glimpse of 15TH Convocation of MGMIHS	108-109
10.	MGMIHS Research and Extension Activities	110-176
11.	Constituent 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	177-379
12.	NSS Report	380-383
13.	MGMIHS Bioethics Unit	384-385
14.	Unnat Bharat Abhiyan Report	386-394
15.	MGMIHS Clinical Trial Centre	395-406
16.	MGMIHS Media Lab	407-411
17.	MGMIHS Physical Education and Sports Section	412-423
18.	MGMIHS Rhythm	424-431
19.	Awards	432-438

ADVISORY COMMITTEE



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



Dr. Nitin N. Kadam
Pro-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. Ajit G. Shroff
Medical Director, MGM Medical College & Hospital,
Aurangabad



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



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



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

EDITORIAL BOARD



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



Dr. Rajesh Kadam
*Dy. Registrar
MGMIHS, Aurangabad*



Dr. Kuldip R. Salgotra
*Medical Superintendent
MGM Medical College and
Hospital Navi Mumbai*



Dr. Mansee Thakur
*I/C Director
MGM School of Biomedical
Sciences, Navi Mumbai*



Dr. Prabha Dasila
*Principal
MGM New Bombay College of
Nursing, Navi Mumbai*



Dr. Rajani Mullerpatan
*Director
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 Hotwani
*I/C Director,
MGM School of physiotherapy
Aurangabad*



Dr. Raman Yadav
*Technical Director
Central Research Laboratory,
MGM Medical College,*



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



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

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



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

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

and social welfare through 50 different institutes spread over 5 different cities.

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

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

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

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

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



MGM Trust has achieved unprecedented growth and carved for itself a niche in the society for quality education and discipline in the institute. The trust provides a wealth of learning experience through the eminent faculty and well equipped laboratories. MGMIHS Founded in 2006 believes in imparting the best education which is evident through the students' achievements, as they are employed in the best of the organizations all over the world. Each year is span of moments divided into weeks and months for all to plan, implement, re - plan for the spinning of yarns of life. Educating a child begins at home continuing its way through school into workplace and wider world. Education cannot be measured or accomplished

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

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

It's indeed a deep and immense pleasure to see our students excel and new improvements being incorporated for excelling the sector thereby proving to be the best of the best. The present annual report is a compilation of our efforts and outcomes during 2021-22 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 2021-22. 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 2021-22 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 Dalvi
Hon'ble Vice Chancellor
MGMIHS

Registrar's Message



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

In our socially plural society, instruction should factor all inclusive and endless qualities arranged towards the solidarity and combination of our kin. In the guide of the objectives and targets and vision set for accomplishment, 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

The infographic features a central grid of blue boxes with yellow text listing various fields: SCHOOL EDUCATION, ENGINEERING, MEDICAL, DENTAL, LAW, MANAGEMENT, MGMIHS (DEEMED to be UNIVERSITY), and MGM UNIVERSITY (STATE PVT. UNIVERSITY). To the left is a portrait of the Chairman, Hon. Shri. Kamal Kishor Kadam, Former Education Minister, Govt of Maharashtra. Below the grid, a red line of text lists locations: Nanded, Aurangabad, Navi Mumbai and Parbhani in Maharashtra & Noida. At the bottom, six circular portraits are shown, each with a name below it: Dr. Pandurang M. Jadhav, Shri. Ankushrao N. Kadam, Shri. PratapRao S. Borade, Dr. Sudhirchandra N. Kadam, Dr. Nitin N. Kadam, and Shri Ujwal N. Kadam.

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 motto of "Wipe the Tears from every eye" made humble beginning by providing health services in rural areas of Nanded district, Maharashtra. Since then, it has expanded health services to Nanded, Aurangabad and Navi Mumbai from Primary Health Care to excellent Superspeciality Hospitals at affordable cost to the community, especially below poverty line of urban as well as rural area.

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

MGMIHS ANNUAL REPORT 2021-22

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

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

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

It may be mentioned that UGC Expert Committee in 2009 & 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 its Medical Colleges, and Department of Biomedical Sciences, Physiotherapy, and Nursing offer a variety of undergraduate, postgraduate, super specialty and PhD degree programmes. About 61 courses in health sciences are offered by the University, and these courses are finding acceptance by large number of students not only in India but also foreign students. At present, over 130 research scholars are pursuing PhD Degree programmes in various faculties and subjects.

The University has over 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.

MGMIHS ANNUAL REPORT 2021-22

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.

ACCREDITATIONS, RECOGNITIONS & RANKINGS

 Grade - A CGPA - 3.07 (Since 2014)	 NIRF 2020-21 University Ranking (Rank Band:151-200)	 PATIENT SAFETY & QUALITY OF CARE ACCREDITED Hospitals	 LABORATORY ACCREDITATION BOARD OF INDIA NABL Laboratories	 RESEARCH FACILITIES AT BOTH CAMPUSES
  AI Grade Hospitals	 WMA INTERNATIONAL CHAIR IN BIOETHICS WMA Cooperating Centre Bioethics Unit	 INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative) 2.5 Star (2019-20) 4.0 Star (2020-21)	 ARIIA ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS Promising Band (2021)	
 NATIONAL ACADEMIC DEPOSITORY Transparency & Transformation Through Digitization	 DigiLocker Your documents anytime, anywhere	 Shodh ganga a reservoir of Indian theses	 Eat Right CAMPUS FSSAI, GOI (5 Stars) 2022	

23 Departments Recognised by National & International Organisations

 DEPARTMENT OF OBGY Navi Mumbai - 2017	 World Health Organization DEPARTMENT OF Paediatrics Navi Mumbai - 2018	 BRNS BUREAU OF RADIATION SAFETY IN THE SERVICE OF THE NATION	 BIRAC Ignite Innovate Incubate DEPARTMENT OF BioTechnology, Government of India	 DST@ 1971-2021 DEPARTMENT OF SCIENCE & TECHNOLOGY	
Bio Medical Sciences & Physiotherapy					
 सार्वजनिक आरोग्य विमान महाराष्ट्र शासन	 NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME 18 September 2011	 NACO National AIDS Control Organisation India's Voice against AIDS Ministry of Health & Family Welfare, Government of India www.naco.gov.in	 MIPJAI	 American Heart Association	 INDIAN RESUSCITATION COUNCIL An Initiative of ISA
Medical College & Hospital (Navi Mumbai & Aurangabad)					

Guidance of Eminent Educationist



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



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



Prof. Dr. S. P. Thyagarajan
Former Vice Chancellor,
University of Madras



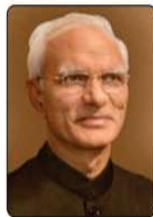
Prof. Dr. Tejinder Singh
Professor, Pediatrics- SGRIMSR
AMRITSAR



Prof. Dr. R. C. Deka
Former Director AIIMS, New Delhi
National Professor E-Meritus



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



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 International Experts



Prof. Ronald Harden
OBE MD FRCP (GLAS.)
FRCS (ED.) FRCP
World leader in Medical Education



Dr. Micheal Reardon
CVTS Surgeon
Houston Methodist
Hospital, USA



Prof. Margareta Nordin
Departments of Orthopedic
Surgery and Environmental
Medicine, New York



Prof. Robert Van Deursen
Professor
Rehabilitation Science,
Cardiff University, UK.

Nationally Recognised Faculty

 <p>Dr. Ravindra Inamdar HOD (Physiology) MGM Medical College, Navi Mumbai</p>	 <p>Dr. Pravin Suryawanshi HOD (General Surgery) MGM Medical College, Aurangabad</p>	 <p>Dr. Raman P. Yadav Prof. & HOD MGMIHS OMICS Research Centre, Navi Mumbai</p>	<p>Honorary / Visiting Faculty</p>  <p>Dr. S H Talib Prof. (Gen. Medicine) MGM Medical College, Aurangabad</p>	
 <p>Dr. Sudhir G. Kulkarni HOD (Nephrology) MGM Medical College, Aurangabad</p>	 <p>Dr. (Mrs.) Prabha Dasila Principal MGM New Bombay College of Nursing, Navi Mumbai</p>	 <p>Dr. Vishwas Sathe Prof. (Anaesthesia) MGM Medical College, Navi Mumbai</p>		
 <p>Dr. Rajani Mullerpatan Director, MGM School of Physiotherapy Navi Mumbai</p>	 <p>Dr. (Mrs.) Mansee Thakur In-charge Director, MGM SBS, Navi Mumbai</p>	 <p>Dr. Sameer Kadam HOD (General Surgery) MGM Medical College, Navi Mumbai</p>		 <p>Dr. Prisca Cohleco Paediatric Endocrinologist MGM Medical College, Navi Mumbai</p>
 <p>Dr. S. K Kaul Prof. CVTS MGM Medical College, Navi Mumbai</p>	 <p>Dr. Maninder Setia Epidemiologist MGM Institute of Health Sciences</p>	 <p>Prof. Hemangi Jerajani Prof. & HOD Dermatology MGM Medical College Kamothe, Navi Mumbai</p>		 <p>Dr. Bani Ganguly Prof. Genetics MGMIHS, Navi Mumbai</p>

PROMINENT ALUMNI OF MGMIHS



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



Dr. Nikhil Bhuskute
Consultant Radiologist,
Calderdale and Huddersfield 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

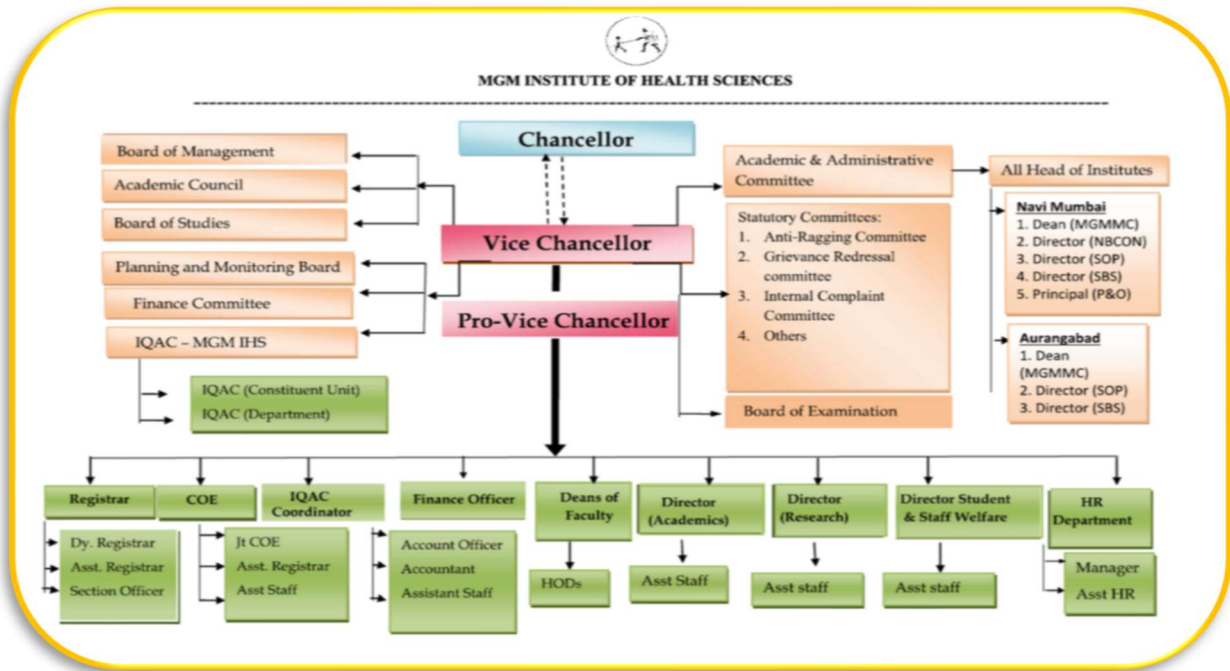


Radha Subramanian
Senior Scientist, Yumanity Therapeutics,
Boston, Massachusetts

ALUMNI REUNION – UMBILICUS



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 as nominated by Chancellor
Dr. Nivritti G. Patil	
Dr. Prakash Doke	
'Awaited'	UGC representative
Dr. Prabha Dasila	Two Teachers (from Professor & Associate Professor) by rotation based on seniority Member
Dr. Madhuri Engade	
Shri. A.N. Kadam	Maximum of four nominees of the sponsoring society/trust
Dr. P.M. Jadhav	
Dr. S.N. Kadam	
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 Mumbai
3.	Deans of Faculties	Dr. G.S. Narshetty Dean Faculty (Medical–PG)	MGM Medical College, Navi Mumbai
		Dr. R. B. Bohra Dean Faculty (Medical– UG)	MGM Medical College, Aurangabad
		Dr. (Mrs.) Prabha Dasila (Nursing & AHS)	MGM New Bombay College of 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. Pramod U. Shinde (Physiology)	MGM Medical College, Aurangabad
		Dr. Santosh Gawali	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 (Microbiology)	MGM Medical College, Aurangabad
		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 Mumbai
		Dr. Mahesh Panditrao Jambure (FMT)	MGM Medical College, Aurangabad
Dr. Prasad Waingankar (Community Medicine)	MGM Medical College, Navi Mumbai		

MGMIHS ANNUAL REPORT 2021-22

	Dr. Shobha B. Salve (Community Medicine)	MGM Medical College, Aurangabad
	Dr. (Mrs.) Jaishree Ghanekar (General Medicine)	MGM Medical College, Navi Mumbai
	Dr. Naik Manjiri Rajiv (General Medicine)	MGM Medical College, Aurangabad
	Dr. Vijay Kamale (Paediatrics)	MGM Medical College, Navi Mumbai
	Dr. (Mrs.) Madhuri Bhagwanrao Engade (Paediatrics)	MGM Medical College, Aurangabad
	Dr. Pradeep Potdar (TB & Chest)	MGM Medical College, Navi Mumbai
	Dr. Ashish S. Deshmukh (TB & Chest)	MGM Medical College, Aurangabad
	Dr. 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. R. L. Gogna (Anaesthesia)	MGM Medical College, Navi Mumbai
	Dr. Sasturkar Vasanti Mukund (Anaesthesia)	MGM Medical College, Aurangabad
	Dr. Preeti Kapoor (Radiology)	MGM Medical College, Navi Mumbai
	Dr. Prasanna S. Mishrikotkar (Radiology)	MGM Medical College, Aurangabad
	Dr. Sameer Kadam (General Surgery)	MGM Medical College, Navi Mumbai
	Dr. Pravin R. Suryawanshi (General Surgery)	MGM Medical College, Aurangabad
	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

MGMIHS ANNUAL REPORT 2021-22

	Dr. Alfven Vieire (Orthopaedics)	MGM Medical College, Navi Mumbai
	Dr. Rajendra N. Shewale (Orthopaedics)	MGM Medical College, Aurangabad
	Dr. Kalpana Rajivkumar (ENT)	MGM Medical College, Navi Mumbai
	Dr. Reena Anil Vare (ENT)	MGM Medical College, Aurangabad
	Dr. R. Rathod (Cardiology)	MGM Medical College, Navi Mumbai
	Dr. Ashish V. Deshpande (Cardiology)	MGM Medical College, Aurangabad
	Dr. Piyush Singhanian (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 (Oral Maxillofacial Surgery)	MGM Medical College, Navi Mumbai
	Dr. Rajesh P. Jambure (Dentistry)	MGM Medical College, Aurangabad
	Dr. Avinash D. Yelikar (Plastic Surgery)	MGM Medical College, Aurangabad
	Dr. Omprakash Rohandia (Traumatology & Surgery)	MGM Medical College, Navi Mumbai
	Dr. Rakesh Thamke (Family Medicine)	MGM Medical College, Navi Mumbai
	Dr. Rajani Mullerpatan (Physiotherapy)	MGM School of Physiotherapy, Navi Mumbai
	Dr. (Mrs.) Bela Agarwal (Physiotherapy)	MGM School of Physiotherapy, Navi Mumbai
	Dr. Rinkle Hotwani (Physiotherapy)	MGM School of Physiotherapy, Aurangabad
	Dr. (Mrs.) Mansee Thakur (Biotechnology)	MGM School of Biomedical Sciences, Navi Mumbai
	Dr. Rajesh Dase (Biomedical Sciences)	MGM School of Biomedical Sciences, Aurangabad

MGMIHS ANNUAL REPORT 2021-22

		Dr. (Mrs.) Ponchitra R.	MGM New Bombay College of Nursing, Navi Mumbai
		Mrs. Uttara Deshmukh	MGM Institute's University Department of Prosthetics & Orthotics
		Dr. Raman P.Yadav (Biotechnology)	MGMIHS OMICS, Research Centre, Navi Mumbai
5.	Ten Professors other than the Heads of the Departments (by rotation based on inter- se seniority)	Dr. (Mrs.) Ipseeta Ray (Pharmacology)	MGM Medical College, Navi Mumbai
		Dr. Z.G. Badade (Biochemistry)	MGM Medical College, Navi Mumbai
		Dr. (Mrs.) Ujjwala Maheswari (Pathology)	MGM Medical College, Navi 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 Mumbai
		Dr. (Mrs.) Shaifali Patil (OBGY)	MGM Medical College, Navi Mumbai
		Dr. Bhaskar Musande (General Surgery)	MGM Medical College, Aurangabad
		Dr. Sarika Gadekar (Ophthalmology)	MGM Medical College, Aurangabad
		Dr. Sadhana Kulkarni (Anaesthesia)	MGM Medical College, Aurangabad
		Dr. Girish Gadekar (Orthopaedics)	MGM Medical College, Aurangabad
		Dr. Shilpa Deshmukh (Cardiology)	MGM Medical College, Navi Mumbai
6.	Two Associate Professors from the Departments other than the Heads of the Departments (by rotation based on inter- se seniority)	Dr. Samir Pachpute (Microbiology)	MGM Medical College, Navi Mumbai
		Dr. Sangita Arun Adchitre (Community Medicine)	MGM Medical College, Aurangabad
7.	Two Assistant Professors from the Department (by rotation of seniority)	Dr. Rajesh Kadam (Pharmacology)	MGM Medical College, Aurangabad
		Dr. Shreeja Nair (Respiratory Medicine)	MGM Medical College, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

8.	Three persons from amongst educationist of repute of persons from any other field related to the activities of the Institution deemed to be University who are not in the service of the Institution deemed to be University, nominated by the Vice Chancellor	Dr. A.N. Suryakar	External Invitee Registrar, DR. D.Y. Patil Vidyapeeth, Pune
		Prof. Sanjay Zodpey	External Invitee Vice President, Academics, Public Health Foundation of India, New Delhi, Director – Indian Institute of Public Health, Delhi
		Dr. Siddharth Dubhashi	External Invitee Dean (Student Welfare) Professor and Head, Department of Surgery AIIMS Nagpur
9.	Three persons who are not teacher co-opted by the Academic Council for their specialized knowledge	Dr. S.N. Kadam	Medical Director
		Dr. N.C. Mohanty	MGM Institute of Health Sciences, Navi Mumbai
		Dr. Sabita Ram	Director (Research) MGM Institute of Health Sciences, Navi Mumbai
10.	Controller of Examination Permanent Invitee	Dr. Parineeta Samant	MGM Medical College, Navi 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 (Medical Superintendent)	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 (April-2022)

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.		

Faculty of Nursing and Allied Health Sciences (April-2022)

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

BOARD OF STUDIES - PRE CLINICAL (January-2022)

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. Rita M. Khadkikar	Physiology	Associate Professor & In-charge HOD	MGM MC, Navi Mumbai
4.	Dr. Gautam A. Shroff	Anatomy	Prof. & HOD	MGM MC, Aurangabad
5.	Dr. Santosh Gawali	Biochemistry	Prof. & HOD	MGM MC, Navi Mumbai
6.	Dr. Pramod U. Shinde	Physiology	Prof. & HOD	MGM MC, Aurangabad
7.	Dr. S.R. Phatale	Physiology	Professor	MGM MC, Aurangabad
8.	Dr. (Mrs.) Bhavana Junagade	Anatomy	Associate Professor	MGM MC, Navi Mumbai
9.	Dr. Vaishali S. (Dhoot) Mandhana	Anatomy	Associate Professor	MGM MC, Aurangabad
10.	Dr. Yashoda Kattimani	Physiology	Associate Professor	MGM MC, Navi Mumbai
11.	Dr. (Mrs.) Kavita More	Biochemistry	Associate Professor	MGM MC Navi Mumbai
12.	Dr. Deepali M. Vaishnav	Biochemistry	Associate Professor	MGM MC Aurangabad
13.	Dr. Yuvaraj J. Bhosale	Anatomy	Professor (additional) External invitee (Permanent Member)	LTMMC and General Hospital, Sion, Mumbai
14.	Dr. D.N. Shenvi	Physiology	Prof. & Head, External invitee (Permanent Member)	Seth GS Medical College & KEM Hospital, Parel Mumbai
15.	Dr. Anita Chalak	Biochemistry	Prof. & Head, External invitee (Permanent Member)	Seth GSMC and KEMH Parel, Mumbai-400012
16.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES - PARA CLINICAL (January-2022)

Sr. No	Name	Department	Designation	Location
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. (Mrs.) Anahita Hodiwala	Microbiology	Prof. & HOD	MGM MC, Navi Mumbai
4.	Dr. (Mrs.) Manjushree Vijay Mulay	Microbiology	Prof. & HOD	MGM MC, Aurangabad
5.	Dr. (Mrs.) Ipseeta Ray	Pharmacology	Professor	MGM MC, Navi Mumbai
6.	Dr.Chandrashekhar P. Bhale	Pathology	Prof. & HOD	MGM MC, Aurangabad
7.	Dr. Mahesh P. Jambure	F.M. T.	Prof. & HOD	MGM MC, Aurangabad
8.	Dr. Iqbal Singh	IHBT	Prof. & HOD	MGM MC, Navi Mumbai
9.	Dr. Samir Pachpute	Microbiology	Associate Professor	MGM MC, Navi Mumbai
10.	Mrs. Jyotsna Mishra	Microbiology	Assistant Lecturer	MGM MC, Aurangabad
11.	Dr. P.N. Khandelwal	Pharmacology	Prof. & HOD	MGM MC, Navi Mumbai
12.	Dr. Jyoti Bobde	Pharmacology	Assistant Professor	MGM MC, Aurangabad
13.	Dr. Ujjwala Maheswari	Pathology	Professor	MGM MC, Navi Mumbai
14.	Dr. Manisha Tambekar	Pathology	Associate Professor	MGM MC, Navi Mumbai
15.	Dr. Hoogar M.B	Pathology	Associate Professor	MGM MC, Navi Mumbai
16.	Dr.Mrs. Pingle Suparna Sharad	Pathology	Associate Professor	MGM MC, Aurangabad
17.	Dr. Ajay Shendarkar	F. M. T.	Prof. & HOD	MGM MC, Navi Mumbai
18.	Dr. Prasad Jaybhaye	F. M. T.	Associate Professor	MGM MC, Aurangabad
19.	Dr. Shilpa Patel	Oral Pathology	Prof. & HOD	MGM Dental College, Navi Mumbai
20.	Dr. Jigna Pathak	Oral Pathology	Professor	MGM Dental College, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

21.	Dr. Sudha Mani	Pathology	Professor External invitee (Permanent Member)	D.Y. Patil Medical College, Nerul
22.	Dr. Shirish Joshi	Pharmacology	Professor External invitee (Permanent Member)	GSMC and KEM Hospital Mumbai
23.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES – MEDICINE AND ALLIED (January-2022)

Sr. No.	Name	Department	Designation	Location
1.	Dr. Naik Manjiri Rajiv (Chairperson)	General Medicine	Prof. & HOD	MGM MC, Aurangabad
2.	Dr. Vijay Kamale (Co-Chairperson)	Pediatrics	Prof. & HOD	MGM MC, Navi Mumbai
3.	Dr. (Mrs.) Jaishree Ghanekar	General Medicine	Prof. & HOD	MGM MC, Navi Mumbai
4.	Dr. Shobha B. Salve	Community Medicine	Prof. & HOD	MGM MC, Aurangabad
5.	Dr. Prasad Waingankar	Community Medicine	Prof. & HOD	MGM MC, Navi Mumbai
6.	Dr. (Mrs.) Anjali V. Kale	Pediatrics	Professor	MGM MC, Aurangabad
7.	Dr. Rakesh Ghildiyal	Psychiatry	Prof. & HOD	MGM MC, Navi Mumbai
8.	Dr. Manik C. Bhise	Psychiatry	Professor	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

MGMIHS ANNUAL REPORT 2021-22

15.	Dr. Rakesh Thamke	Family Medicine	Associate Prof. & I/C HOD	MGM MC, Navi Mumbai
16.	Dr. Vijaykumar S. Gulve	Medicine	Associate Professor	MGM MC, Aurangabad
17.	Dr. Mrunal Mahendra Pimparkar	Community Medicine	Professor	MGM MC, Navi Mumbai
18.	Dr. (Mrs.) Swati M. Mahajan	Community Medicine	Associate Professor	MGM MC, Aurangabad
19.	Dr. (Mrs.) Bageshree Seth	Pediatrics	Professor	MGM MC, Navi Mumbai
20.	Dr. Madhuri B. Engade	Pediatrics	Associate Prof. & HOD	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)	Seth GS Medical College & KEM Hospital, Parel, Mumbai
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 (January-2022)

Sr. No.	Name	Department	Designation	Location
1.	Dr. Lisha Suraj (Chairperson)	Surgery	Associate Professor	MGM MC, Navi Mumbai
2.	Dr. Lakshmi Rachakonda (Co-Chairperson)	OBGY	Prof. & HOD	MGM MC, Aurangabad
3.	Dr. Pravin R. Suryawanshi	Surgery	Prof. & HOD	MGM MC, Aurangabad
4.	Dr. Sameer Kadam	General Surgery	Prof. & HOD	MGM MC, Navi Mumbai
5.	Dr. (Mrs.) Shaifali Patil	OBGY	Associate Professor	MGM MC, Navi Mumbai
6.	Dr. Sushil Kumar	OBGY	Prof. & HOD	MGM MC, Navi Mumbai
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. Alfven Vieira	Orthopaedics	Prof. & HOD	MGM MC, Navi Mumbai
12.	Dr. Rajendra N.Shewale	Orthopaedics	Prof. & HOD	MGM MC, Aurangabad
13.	Dr. R.L. Gogna	Anaesthesia	Prof. & HOD	MGM MC, Navi Mumbai
14.	Dr. Omprakash Rohandia	Traumatology & Surgery	Prof. & HOD	MGM MC, Navi Mumbai
15.	Dr. Priti Kapoor	Radio - Diagnosis	Prof. & HOD	MGM MC, Navi Mumbai
16.	Dr. Devidas Dahiphale	Radio - Diagnosis	Prof. & HOD	MGM MC, Aurangabad
17.	Dr. Pramod V. Bhale	Anaesthesia	Professor	MGM MC, Aurangabad
18.	Dr. A.Q. Khan	Surgery	Associate Professor	MGM MC, Aurangabad
19.	Dr. Gauri N. Bapat	OBGY	Associate Professor	MGM MC, Aurangabad
20.	Dr. Amey Rathi	Dentistry	Assistant Professor	MGM MC, Aurangabad
21.	Dr. Srivalli Natrajan	Oral Maxillofacial Surgery	Prof. & HOD	MGM Dental College, Navi Mumbai

BOARD OF STUDIES – SUPERSPECIALITY (January-2022)

Sr. No.	Name	Department	Designation	Location
1.	Dr. Shilpa Deshmukh (Chairperson)	Cardiology	Associate Professor	MGM MC, Navi Mumbai
2.	Dr. Kshitija Gadekar (Co-Chairperson)	Nephrology	Associate Professor	MGM MC, Aurangabad
3.	Dr. Sudhir G. Kulkarni	Nephrology	Prof. & Head	MGM MC, Aurangabad
4.	Dr. Yogesh P. Belapurkar	CVTS	Associate Professor	MGM MC, Aurangabad
5.	Dr. R. Rathod	Cardiology	Prof. & Head	MGM MC, Navi Mumbai
6.	Dr. Ashish Deshpande	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. Ajay U. Mahajan	Cardiology	Professor External invitee (Permanent Member)	LTMC, Sion Hospital, Mumbai
11.	Dr. Ajit Sawant	Urology	Prof. & Head, External invitee (Permanent Member)	LTMC, Sion Hospital, Mumbai
12.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES – BIOMEDICAL SCIENCES (January-2022)

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.	Ms. Patcy Bellarmin	Anatomy	Tutor	MGM SBS, Navi Mumbai
6.	Dr. Priyanka Rane	Physiology	Assistant Professor	MGM MC, Navi Mumbai
7.	Dr. F.B. Irani	Physiology	Assistant Professor	MGM MC, Aurangabad
8.	Dr. Parineeta Samant	Biochemistry	Professor	MGM MC, Navi Mumbai
9.	Dr. D.V Bhale	Biochemistry	Prof. & HOD	MGM MC, Aurangabad
10.	Ms. Neelam Yeram	Biochemistry	Tutor	MGM SBS, Navi Mumbai
11.	Dr. Sharvari Samant	Microbiology	Associate Professor	MGM MC, Navi Mumbai
12.	Dr. V P Bansal	Microbiology	Associate Professor	MGM MC, Aurangabad
13.	Mrs. Anamika Chalwadi	Microbiology	Tutor	MGM SBS, Navi Mumbai
14.	Dr. Priyanka Jadhav	Pathology	Associate Professor	MGM MC, Navi Mumbai
15.	Mr. Hrishikesh Gaikwad	Pathology	Prof. & HOD	MGM MC, Aurangabad
16.	Dr. Himanshu Gupta	M.Sc. Medical Biotechnology	Assistant Professor	MGM SBS, Navi Mumbai
17.	Dr. (Mrs.) Anjali Sabnis	M.Sc. Medical Genetics	Prof. & HOD	MGM MC, Navi Mumbai
18.	Dr. Rahul Sadashiv Bawankule	M.Sc. Biostatistics	Biostatistician	MGM MC, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

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)	Professor	MGM MC, Navi Mumbai
28.	Ms. Minal Kanse	B.Sc. (Perfusion Technology)	Tutor	MGM SBS, Navi Mumbai
29.	Dr. Deepika Sathe	B.Sc. (OTAT)	Associate Professor	MGM MC, Navi Mumbai
30.	Ms. Sujata Walode	B.Sc. (OTAT)	Tutor	MGM SBS, Aurangabad
31.	Dr. Aditya Nayak	B.Sc. MDT & M.Sc. MDT	HOD	MGM MC, Navi Mumbai
32.	Mr. Pratik Morade	B.Sc. MDT & M.Sc. MDT	Tutor	MGM SBS, Navi Mumbai
33.	Ms. Shreya Patange	B.Sc. MDT & M.Sc. MDT	Tutor	MGM SBS, Aurangabad
34.	Mr. Rohit Gupta	B. Optometry & M. Optometry	Tutor	MGM SBS, Navi Mumbai
35.	Dr. Sonali Mhaske Kadam	B.Sc. MRIT & M.Sc. MRIT	Associate Professor	MGM MC, Navi Mumbai
36.	Mr. Subodh Rahate	B.Sc. MRIT & M.Sc. MRIT	Tutor	MGM SBS, Navi Mumbai
37.	Ms. Kavita Shirodkar	B.Sc. MRIT & M.Sc. MRIT	Tutor	MGM SBS, Aurangabad
38.	Dr. Ravindranath V. K	Orthodontics	Prof. & HOD	MGM Dental College, Navi Mumbai
39.	Dr. Sumanthini M.V.	Conservative Dentistry	Prof. & HOD	MGM Dental College, Navi Mumbai

BOARD OF STUDIES – PHYSIOTHERAPY & PROSTHETICS & ORTHOTICS (February-2022)

Sr. No	Name	Department	Designation	Location
1.	Dr. Rinkle Hotwani (Chairperson)	MGM School of Physiotherapy	In-charge Principal	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	Assistant Professor	Aurangabad
9.	Dr. Pallavi Ratnaparkhi	MGM School of Physiotherapy	Assistant Professor	Aurangabad
10.	Dr. Satyam Bhodaji	MGM School of Physiotherapy	Assistant Professor	Aurangabad
11.	Dr. Namrata Sant	MGM School of Physiotherapy	Assistant Professor	Aurangabad
12.	Mrs. Uttara Deshmukh	MGM Institute's University Dept. of Prosthetics & Orthotics	I/C HOD	Navi Mumbai
13.	Dr. Anjali Sabnis	Anatomy	Prof. & HOD	MGM MC, Navi Mumbai
14.	Dr. Priyanka Rane	Physiology	Lecturer	MGM MC, Navi Mumbai
15.	Dr. Pramod U. Shinde	Physiology	Prof. & HOD	MGM MC, Aurangabad
16.	Dr. Rupali Pawar	Biochemistry	Assistant Professor	MGM MC, Navi Mumbai
17.	Dr. Hoogar M. B	Pathology	Associate Professor	MGM MC, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

18.	Dr. Meera Mahajan	Pathology	Assistant Professor	MGM MC, Aurangabad
19.	Dr. (Mrs.) Ipseeta Ray	Pharmacology	Professor	MGM MC, Navi Mumbai
20.	Dr. (Mrs.) Sharvari Samant	Microbiology	Associate Professor	MGM MC, Navi Mumbai
21.	Dr. R.T. Sachdeo	General Medicine	Assistant Professor	MGM MC, Navi Mumbai
22.	Dr. Sarabjeet Singh Kohli	Orthopedic	Professor	MGM MC, Navi Mumbai
23.	Dr. Darpan Kaur	Psychiatry	Professor	MGM MC, Navi Mumbai
24.	Dr. Sunila Sanjeev	Community Medicine	Associate Professor	MGM MC, Navi Mumbai
25.	Dr. (Mrs.) Shylaja Someshwar	Dermatology	Professor	MGM MC, Navi Mumbai
26.	Dr. Archana Chatterji	Obstetrics & Gynecology	Associate Professor	MGM MC, Navi Mumbai
27.	Dr. Vijay Kamale	Pediatrics	Prof. & HOD	MGM MC, Navi Mumbai
28.	Dr. Jyoti Nadgere	Prosthodontics	Prof. & HOD	MGM Dental College, Navi Mumbai
29.	Dr. Suvarna Shyam Ganvir		Professor & HOD of Neurophysiotherapy External Member	DVVPF's, college of Physiotherapy Vilad Ghat, Ahmednagar 414111
30.	Dr. Medha Deo		Principal External Member	Terna Physiotherapy College, Navi Mumbai
31.	Dr. A.G. Indalkar	All India Institute of Physical Medicine & Rehabilitation	HOD(P & O) Lecturer External Advisor	Mahalaxmi, Mumbai
32.	Dr. Tushar J Palekar		Professor & Principal External Member	Dr. D. Y. Patil College of Physiotherapy, Pune
33.	Dr. Arun Maiya		Professor & Dean External Member	Manipal College of Health Professions, Manipal Academy of Higher Education Manipal- 576104
34.	Dr. R.B. Goel	Community Medicine	Registrar	MGMIHS

BOARD OF STUDIES – NURSING (January 2022)

Sr. No.	Name	Department	Designation	Location
1.	Dr. (Mrs.) Ponchitra R. (Chairperson)	MGM New Bombay College of Nursing	Professor & Vice Principal	Navi Mumbai
2.	Dr. (Mrs.) Prabha Dasila	MGM New Bombay College of Nursing	Professor & Director	Navi Mumbai
3.	Mrs. Rosamma Tomy Kappiyankal	MGM College of Nursing	Principal	Vashi
4.	Dr. Satishchandra T. Buyite	MGM College of Nursing	Professor & Principal	Aurangabad
5.	Mrs. Susan Jacob	MGM New Bombay College of Nursing	Professor	Navi Mumbai
6.	Mrs. Maria Preethi Mathew	MGM New Bombay College of Nursing	Associate Professor	Navi Mumbai
7.	Mrs. Padmja Dhawale	MGM New Bombay College of Nursing	Associate Professor / Nursing Superintendent	Navi Mumbai
8.	Dr.(Mrs.)Jyoti Chaudhari	MGM New Bombay College of Nursing	Associate Professor	Navi Mumbai
9.	Dr. Vishwanath Biradar	MGM College of Nursing	Assistant Professor	Aurangabad
10.	Mrs. N. Prabhadevi	MGM College of Nursing	Assistant Professor	Aurangabad
11.	Mrs. Kanwaljeet Kaur	MGM College of Nursing	Assistant Professor	Aurangabad
12.	Dr. Sameer Kadam	MGM Medical College, Dept. of General Surgery	Professor	MGM MC, Navi Mumbai
13.	Dr. Vishwas Sathe	MGM Medical College, Dept. of Anaesthesiology	Professor	MGM MC, Navi Mumbai
14.	Dr. Sagar Sinha	MGM Medical College, Dept. of Emergency Medicine	Assistant Professor	MGM MC, Navi Mumbai
15.	Dr. Vijay Kamale	MGM Medical College, Dept. of Paediatrics	Professor & HOD	MGM MC, Navi Mumbai
16.	Dr. Rakesh Ghildiyal	MGM Medical College, Dept. of Psychiatry	Prof. & HOD	MGM MC, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

17.	Dr. Ipseeta Ray	MGM Medical College, Dept. of Pharmacology	Professor	MGM MC, Navi Mumbai
18.	Dr. Sharvari Samant	MGM Medical College, Dept. of Microbiology	Associate 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

BOARD OF EXAMINATION

Composition of Board of Examinations

1. Hon'ble Vice Chancellor – Chairperson
2. Pro-Vice Chancellor - Member
3. Dean, MGM Medical College, Navi Mumbai
4. Dean, (Faculty of Medicine) MGM Medical College, Aurangabad
5. Dean (Faculty of Nursing & allied) MGMIHS
6. Chairperson (BOS- Pre Clinical) - Member
7. Chairperson (BOS – Para Clinical) - Member
8. Chairperson (BOS – Medicine & Allied) - Member
9. Chairperson (BOS – Surgery & Allied) - Member
10. Chairperson (BOS – Super speciality) - Member
11. Chairperson (BOS- Biomedical Sciences) - Member
12. Chairperson (BOS- Physiotherapy) - Member
13. Chairperson (BOS- Nursing) - Member
14. Registrar, MGMIHS, Navi Mumbai- Member
15. Controller of Examinations – Member Secretary

PLANNING & MONITORING BOARD

Category	Name	Designation	Email ID
Chairman	Dr. Shashank D. Dalvi Vice Chancellor, MGM Institute, Navi Mumbai	Chairperson	vc@mgmuhs.com shashank.dalvi@gmail.com
Seven internal members	Dr. P.M. Jadhav Vice Chairman, MGM Institute, Navi Mumbai	Member	drpmjadhav@rediffmail.com
	Dr. S.N. Kadam Medical Director, MGM Institute, Navi Mumbai	Member	sudhirkadam1947@gmail.com
	Dr. N. N. Kadam Controller of Examination, MGM Institute, Navi Mumbai	Member	drnkadam56@gmail.com
	Dr. G.S. Narshetty Dean, MGM Medical College, Navi Mumbai	Member	mgmmcnb@gmail.com
	Dr. Rajendra B. Bohra Dean, MGM Medical College, Aurangabad	Member	rajbohra@msn.com mgmmca@themgmgroup.com
	Dr. K.R. Salgotra Medical Superintendent, MGM Hospital, Navi Mumbai	Member	krsalgotra@rediffmail.com
	Dr. Pravin R. Suryawanshi Deputy Dean, MGM Medical College, Aurangabad	Member	drspravin22@gmail.com dr_spravin@hotmail.com
	Dr. Raman P.Yadav Technical Director, MGMIHS OMICS Research Center, MGM Institute, Navi Mumbai	Member	ramanpyadav@gmail.com
	Dr. Rajani Mullerpatan Director, MGM School of Physiotherapy, Navi Mumbai	Member	rajani.kanade@gmail.com mgmschoolofphysiotherapy@gmail.com
	Dr. Prabha Dasila Principal, MGM New Bombay College of Nursing, Navi Mumbai	Member	prabhadasila@gmail.com mgmnewbombaycollegeofnursing@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	Dr. Dilip Gode Ex. Vice Chancellor, Datta Meghe Institute of	Member	dilipgode@yahoo.com

MGMIHS ANNUAL REPORT 2021-22

including one nominee of the UGC.	Medical Sciences (Deemed University) Atre lay out, Pratap-nagar, Nagpur		
	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

Pre NAAC-Re-visit Audit



The Pre NAAC-Re-Visit Audit was conducted from 24th March, 2022 to 26th March 2022. The members of Pre NAAC-Re-Visit Audit were **Dr. Y.M. Jayaraj**, Former Vice Chancellor PIMS Loni, Chief Advisor to Chancellor at Dr. D.Y. Patil Vidyapeeth, deemed to be University Sant Tukaram Nagar, Pimpri, Pune, Maharashtra, **Dr. M. D. Jahagirdar**, Former Member, State Level IQAC. Their inputs were valuable for NAAC Peer Team Visit.

NAAC Peer Team Re-Visit



NAAC Peer Team Re-Visit was from 5th April, 2022 to 7th April, 2022. The members of NAAC Peer Team Re-visit were **Dr. Amar Rai (Chairperson)**, Former Vice Chancellor, North Eastern Hill University, Shillong, **Dr. Mahesh Gupta (Member Coordinator)**, Prof. and Head, Pharmacology, Pt. B D Sharma, PGIMS Rohtak, Haryana, Dr. Hansa Goswami, Professor B J Medical College Civil Hospital Ahmedabad, Gujarat, **Dr. Pranveer Singh**, Professor Mahatma Gandhi Central University, Motihari, East Champaran, Bihar, **Dr. Rajesh Kumar Goel**, Director IQAC, Patiala and Dean Faculty of Medicine Former Head, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab, **Dr. Sheeja S Varghese**, Dean Saveetha Dental College, Chennai, Tiruvallur, Tamil Nadu, **Dr. Ashok Mhaske**, Medical Director, Peoples Hospital, Peoples College of Medical Sciences and Research Centre, Bhanpur Bypass Road, Bhopal – Madhya Pradesh.

MGMIHS Accredited with NAAC A⁺⁺ grade with CGPA 3.55



MGMIHS received NAAC A⁺⁺ with CGPA grade 3.55 on 19th July, 2022 in the Second Cycle.

Other University IQAC activities


- AQAR 2020-21 was accepted on NAAC HEI portal on 25th July, 2023.
- University IQAC organised following Faculty development program:
 - Intellispace training for smart-classroom on 9th December, 2021.
 - Demonstration of use of smart panel and Intellispace on 8th March, 2022.
 - Innovative teaching methods on 9th March, 2022.

Future Plans

1. Participation in QS I-GAUGE ranking.
2. University wants to align with various guiding principles of NEP 2020.
3. To organise NAAC awareness program for non-accredited institutes.
4. To participate in Margdarshan Program of NAAC.
5. ERP to be implemented on larger scale.
6. Library resources enhancement.



MGMIHS Centre of Excellence



MGMIHS OMICS Research centre
MGMIHS Incubation and innovation Centre
MGMIHS Sleep Medicine and Research Centre
MGMIHS Centre for Human Movement Science
MGM GE ULTRASOUND SIMULATION LAB

MGMIHS OMICS Research Centre

MGMIHS OMICS Research Center is recognized by Scientific and Industrial Research Organization (SIRO) as a part of MGM Central Research Laboratory of MGM Medical College and Hospital, MGM Institute of Health Sciences, Navi Mumbai. It is mainly accelerating the research in the areas of drug discovery and molecular diagnostics.



MGMIHS OMICS Research Center

This center provides an interdisciplinary platform for applied research where concepts are mainly revolving around the integration of advanced knowledge for natural products chemistry, green synthesis, protein science, enzymology, metabolic network etc. The thrust areas of this center consist of drug discovery, nano-biotechnology, reversal of drug resistance and green technology. The center is well equipped with basic and advanced instruments. It also provides the facilities such as Cell culture, Daphnia culture and Microbial culture facilities. Protein based production of metallic quantum dots facility is the major attraction of the center. Currently, the center is actively engaged in anti-diabetes; drug sensitivity enhancement in malaria and tuberculosis along with validation of TB detection. This center also provides central facilities for various divisions of MGM Medical College and Hospital as an interdisciplinary research platform

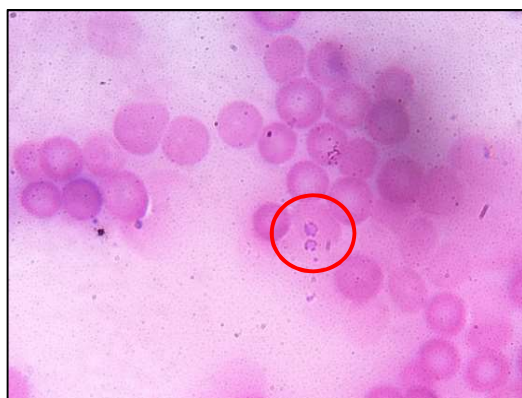
The center has also supported Ph.D. programs in subjects like Medical Biotechnology and Molecular Biology under MGMIHS, M.Sc. Molecular Biology (2 years) program under MGM School of Biomedical Sciences, MGMIHS Incubation and Innovation Centre and Institution's Innovation Council (IIC), MGMIHS. During the period from 8th November, 2021 - 30th August, 2022, research in the domains of drug discovery, diagnostics, technical validation of diagnostics etc. were extensively carried out.

Drug discovery

Natural products have been well explored for various drug discovery programs. Several projects have been explored and extended using natural products. The main domain in the area of drug discovery is: antidiabetes, drug sensitivity enhancement (Chloroquine in *Plasmodium falciparum* and rifampicin sensitivity enhancement in bacterial system including *Pseudomonas varguenos* and *Mycobacterium tuberculosis*) etc.

Enhancement of drug sensitivity

In reference to drug resistance, the centre has explored various concepts of drug sensitivity enhancement including efflux pump inhibition. This center is actively engaged in developing *in vitro* chloroquine and rifampicin sensitivity enhancement. In case of chloroquine sensitivity enhancement in malarial parasite, various molecules as efflux pump inhibitor are identified, characterised and finally formulations were prepared. The research work focusing this concept has been accepted for publication in National peer reviewed journals.



In-vitro Plasmodium falciparum culture
(Ring stage parasite)

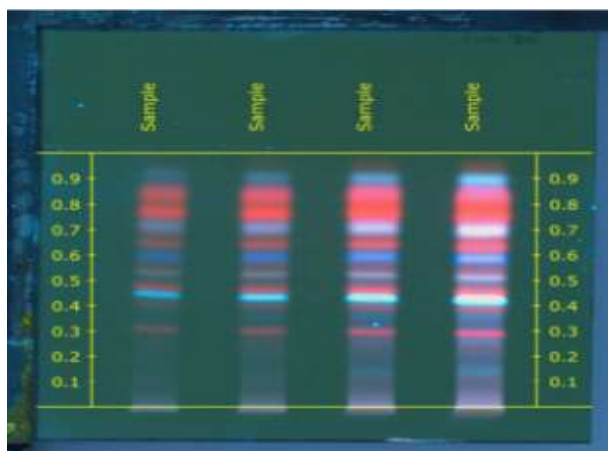


Bacterial model for Drug
sensitivity enhancement

Whereas, for rifampicin sensitivity enhancement, bacterial systems are established. The molecule of interest is converted into their nanofoms and screened for their rifampicin sensitivity enhancing potential using bacterial models *Pseudomonas aeruginosa*. These molecules were also characterised for their nano form confirmation using FTIR, HR-TEM etc.

Anti-diabetes

Anti-diabetes molecule has been identified from natural sources and characterized after screening of various plants by inhibition studies of metabolic enzymes like pancreatic lipase and α -glucosidase for management of diabetes. After identified and characterization of anti-diabetes molecule using various techniques like FTIR analysis, HPTLC, LC MS/ MS analysis etc, during this period the selected molecule was explored for *in vivo* study using animal model. The research work focusing this concept has been communicated in peer reviewed journal.



HPTLC chromatogram of antidibesity containing plant extract

Cell toxicity study: Cell toxicity evaluation is routine work of laboratory. Various cell line including CHO cell have been used for cell toxicity to for selected molecules. Beside this, *Daphnia sp.* has been used to the evaluate cell toxicity status of the molecule.



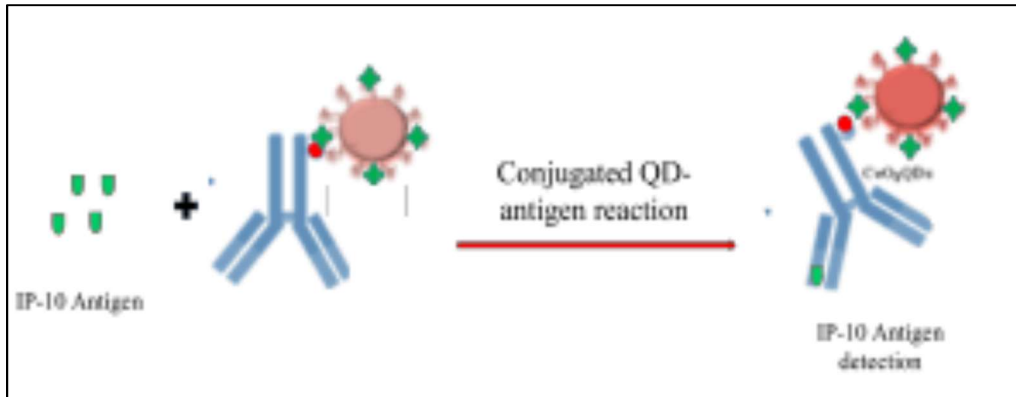
Daphnia sp.

Diagnosics

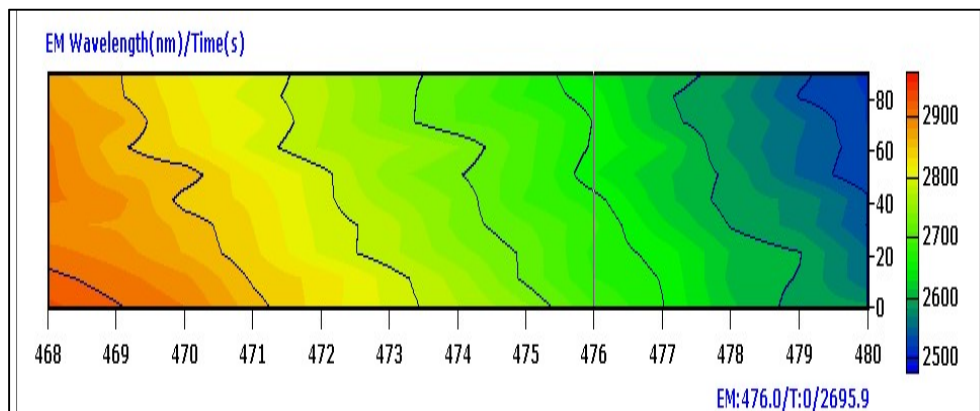
MGMIHS OMICS Research Centre is actively engaged in design and development of advanced version of quantum dot based diagnostic kit for highly efficient and sensitive detection technique. Centre is interested to deliver diagnostics at very low cost in the mode point of care.

Pilot scale validation diagnostic kit

Kits were prepared for validation of the granted patent (Patent no. 325554). Extensive work was done for assembling anti-IP-10-CeO₂QDs conjugant under well define protocol. Process for detection was simplified for latent TB and TB antigen (IP-10) in biological sample. Optimized protocol was used for detection of IP-10 in patient serum samples by the respective clinical department of MGM Medical College and Hospital, Navi Mumbai. Ethical permission (from Ethics Committee for Research on Human Subjects, MGM Institute of Health Sciences, Navi Mumbai) for pilot scale clinical validation was taken earlier by Principal Investigator, Dept of Respiratory Medicine, MGM Medical College and Hospital. We have contributed as one of the Co- investigators for above validation.



Quantum dot as an advanced material: Cerium oxide quantum dots were routinely synthesized along with other quantum dots for diagnostics and biomedical applications.



3D spectrum of Quantum dot (QD)

Other projects

The centre is aggressively supporting Ph.D. programs of Department of Paediatrics. MGM Medical college and Hospital, Navi Mumbai in the area of malaria and tuberculosis research. In paediatric group with malaria, *Plasmodium* specific phospholipase A₂ were measured and its correlation with the severity of the disease was analysed. On the other side in paediatric group with Tuberculosis, lipolytic enzyme levels secreted by Tubercle bacilli were observed.

Dissertations

In this direction, during this period three M.Sc. Molecular Biology dissertation projects were supported that were carried out in this center.

1. Synthesis and characterization of superoxide dismutase and peroxidase mimetic nanoparticles.
2. Study of graphene nanoparticles on Coliform bacteria
3. Green synthesis of silicon dioxide nanoparticles and evaluation of its antioxidant activity

Important achievements

Ph.D. Thesis:

Ms. Priyanka Rathod and Ms. Chandana Kulkarni submitted their Ph.D. synopsis and presented it in front of the Scientific Advisory Committee. Thesis writing for the same was under process during this period.

1. Isolation and characterization of multifunctional molecule from plant and its anti-diabetes potential
2. Isolation of plant derived efflux pump inhibitor and its drug susceptibility potential in *Plasmodium falciparum*

Publications (published/ accepted)

1.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*, volume 88: 76–591 (Accepted)

2.Priyanka Rathod & Raman P. Yadav. 2022. Nanopolyphenols: Perspective in oxidative stress generated diseases. *MGM Journal of Medical Sciences* (Accepted)

3.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* (Accepted)

4.Bela M. Agarwal, Raman P. Yadav, Sanketa D. Tambe, Chandana C. Kulkarni, & Rajani P. Mullerpatan. 2021. Evaluation of Early Knee Osteoarthritis Using Biomechanical and Biochemical Markers. *Critical Reviews™ in Biomedical Engineering*, 49(6):29–39

5.Bharat Gupta, Raman P. Yadav, Sabita M Ram, Neha Patil. Effect of non-surgical periodontal therapy on levels of salivary MMP-8 in chronic periodontitis patient: systematic review. *Natural Volatiles and Essential Oils*, 8(4): 16229-16234

6.Chandana Kulkarni, Priyanka Rathod, and Raman P. Yadav. In-vitro assessment of drug sensitivity enhancement potential of methanolic extract of *Zingiber Officinale (rhizome)* using CHO model. Proceeding book 2022, 2nd international webinar on traditional and alternative medicine. (Abstract published)

Paper under review/communicated

1. Chandana Kulkarni, Priyanka Rathod, and Raman P. Yadav .Synthetic and chemically designed molecules to combat drug resistance in malaria: present status and perspectives. *Journal of Vector Borne Disease* (Under peer review)
2. Priyanka Rathod & Raman P. Yadav. 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* (Under review)
3. Priyanka Rathod, Chandana Kulkarni & Raman P. Yadav. In vitro identification of antidiabetes principle from sequential extract of bark of *Cinnamomum cassia* L. *Food Technology and Biotechnology* (Communicated).

Patents

The first examination reports (FER) for 3 published patent applications were received from the patent office, Government of India. Following are the patent application numbers:

1. Patent Application No- 1949/MUM/2015. A Preparation comprising a pancreatic lipase inhibitory fraction an anti-obesity principle obtained from dietary spice *Mesua ferrea*. (Filed form 13- application for amendment TEMP/E-18(i)/379/2017-MUM).
2. Patent Application No-3616/MUM/2015 A. Biogenic method for generation of multiple nanoparticles (Zn, Fe, Mg, Ca, Ce, Si, Ag)
3. Patent Application No- 201721018037 Bioreactor for very fast generation of multifunctional fluorescent nanoparticles

Remarks:

- Response to all the FER were given to the respective unit.
- The hearing for Patent (Application No. 2685/MUM/2015 A) “Biogenic method for generation of monodisperse and fluorescent cerium oxide nanoparticles with enhanced antioxidant activity” was conducted.

Workshop/conference/seminar organized

MGMIHS OMICS Research Center has supported for conducting and coordinating 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.

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

1. IIC council meetings – 2 on 24/11/2021 and 01/06/2022
2. Nation Education Day on 29/11/2021

MGMIHS ANNUAL REPORT 2021-22

3. Nation Energy Conservation Day (India) on 14/12/2021
4. Problem solving and ideation workshop on 04/02/2022

Following are the IIC events jointly organized by this center along with other constituent unit of MGMIHS within this duration-

1. My story: Motivational Session by successful Innovators on 07/01/2022
2. Achieving Problems: Solutions fit & Product- market fit on 14/01/2022
3. Expert talk on “Process of Innovation Development” on 18/02/2022
4. Organise Session on “Lean Start-up & Minimum Viable Product/Business”- Boot Camp or Mentoring Session on 22/06/2022

Other IIC related activity coordinated = 6

Project submitted for external funding

Project entitled “Design and development quantum dot- based home monitoring kit for pulmonary tuberculosis suspect and progression” was submitted to the Indian Council of Medical Research (ICMR) on 14.12.2021.

Dr. Raman P. Yadav received the technical approval for proposal ID: 2021-9145 “Design and development quantum dot- based home monitoring kit for pulmonary tuberculosis suspect and progression” by ICMR, New Delhi on 30.03.2022

Contributions

Technical Director of MGMIHS OMICS Research Center, Dr. Raman P. Yadav, as a resource person attended several meetings such as, Research Cell meeting, Scientific Advisory Committee meeting, Research Recognition Committee meeting, Institutional Ethics Committee meeting, University Academic and Administrative meeting etc. He, as a Convener, also conducted several meetings for the members of Institution’s Innovation Council (IIC), MGMIHS. Dr. Raman P. Yadav also attended the IIC Regional Meet held at Pune, Maharashtra.

Forward Path:

- Novel formulation development of enhancement of rifampicin sensitivity *Mycobacterium tuberculosis*.
- High impact factor publications
- Patent filing
- Technology Transfer
- Exploring extramural funding from various agencies and industries.
- National and International linkages/ collaboration with other Institutes.

MGMIHS Incubation and Innovation

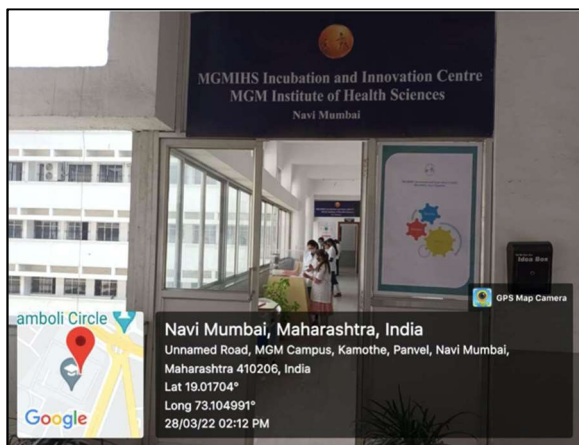
MGM Institute of Health Sciences aggressively promotes innovation ecosystem in the campus. MGMIHS Incubation and Innovation Centre Navi Mumbai is providing system to popularize the importance of innovation in MGMIHS Campus and also providing unique and interdisciplinary platform for creation of skill based new entrepreneurs.

The thrust areas of this centre are:

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

The major components of this centre include mainly technical aspects such as Projects exploration, Patenting, Technology transfer & Commercialization. The centre has well defined vision, mission and objectives. It provides an interdisciplinary platform by involving various disciplines and expertise of MGM Institute of Health Sciences. It is well connected with various laboratories including MGMIHS OMICS Research Center of MGM Institute of Health Sciences for basic and advance work.

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



MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai

Infrastructure

MGMIHS Incubation and Innovation Centre has a good infrastructure with fully air-conditioned system including facilities such as bioprocess laboratory (with basic instruments such as incubator, centrifuge, weighing balance, autoclave etc.), prototype laboratory, computer laboratory, director's cabin, board room to conduct routine internal meetings/events, lecture room with a capacity of around 20 seats, internet facility and product displayed corridor.

The centre is ready for any innovative work and open for all departments such as medical sciences, physiotherapy, nursing, biomedical sciences, prosthetics and orthotics, dental etc. in MGM campus, Navi Mumbai to fulfil well defined objectives.



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

MGMIHS ANNUAL REPORT 2021-22



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



Director's cabin and board room, MGMIHS Incubation and Innovation Centre, MGMIHS, Navi Mumbai.

Advancement of Laboratory

In view to advance the research and innovation, thin layer chromatography facility, column chromatography facility is added. Preliminary facility for Prototyping of ongoing project

introduced. Packaging design for *Moringa oleifera* leaf-based health drink was made and proposed.

Research Projects

Earlier three sanctioned and ongoing projects enriched with research and innovations. Project for further work around defined objectives are going on. During the period of 8th November, 2021 to 31st August, 2022, the following three projects research are completed and product development process in going on.

- i. Moringa oleifera leaf based health drink
- ii. Natural Dipeptidyl peptidase-IV Inhibitor based anti-diabetic tablet
- iii. Soya flour based nutritious protein bar

One patent has been published and two patents are at advance draft stage.

MGM Innovation Garden

MGM Innovation garden has been established to support MGMIHS Incubation and Innovation Centre for various in-house plant materials. During this period, several herbal plants were introduced under herbal garden. A small portion of the area is dedicated to cultivation of *Cajanus cajan* plant for synthesis of advanced nanomaterials. The growth and maturity of the plants were constantly monitored.



Plantation of *Cajanus cajan* in MGM Innovation Garden, Navi Mumbai

Events/activities organized

Under the umbrella of MGMIHS Incubation and Innovation Centre, numerous activities under the Institution's Innovation Council of MGMIHS under MoE's Innovation Cell, Govt. of India are being conducted or coordinated. During this duration 2021- 2022, council meetings, IIC calendar activities, celebration activities, MIC driven activities and self- driven activities were conducted. These activities were conducted by the constituent units of MGMIHS viz. MGM Medical College, MGM New Bombay College of Nursing, MGM School of Physiotherapy, MGM Institute's UDPO, MGM School of Biomedical Sciences (Navi Mumbai campus), MGM Medical College, MGM School of Physiotherapy, MGM School of Biomedical Sciences (Aurangabad campus) and MGMIHS Incubation and Innovation Centre and MGMIHS OMICS Research Center, MGMIHS Navi Mumbai.

Under category of IIC calendar, following activities were conducted:

- Problem solving and ideation workshop
- My story: Motivational Session by successful Innovators
- Achieving Problems: Solutions fit & Product- market fit
- Field/ exposure visit to Hygronic start-up by Himedia Pvt. Ltd.
- Design thinking, critical thinking and innovation design
- Workshop on "Entrepreneurship and Innovation as Career Opportunity"
- Motivational Session by successful startup founder
- Expert talk on "Process of Innovation Development"
- Field visit to PROACTIVE Technical Orthopedics Pvt. Ltd.
- Workshop on Prototype/Process Design and Development – Prototyping
- Session on "Lean Start-up & Minimum Viable Product/Business"
- Session on "how to plan for start-up and legal and ethical steps"
- Session on Incubation- Opportunities for Students & Faculties for Early Stage Entrepreneurs
- Poster Presentation of Business plan/ prototype developed

MGMIHS ANNUAL REPORT 2021-22

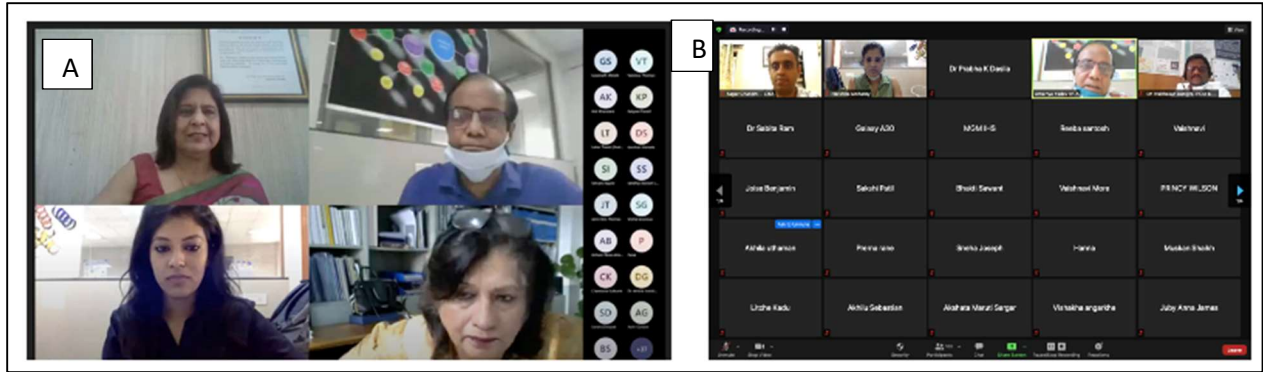
- Innovation/ Prototype Validation: Converting Innovation into Start-up
- Session on Angel Investment/ VC funding opportunities for early stage entrepreneur
- Session on “Business Model Canvas”



Glimpse of IIC activities under IIC activities

Under category of celebration activities, followings were conducted:

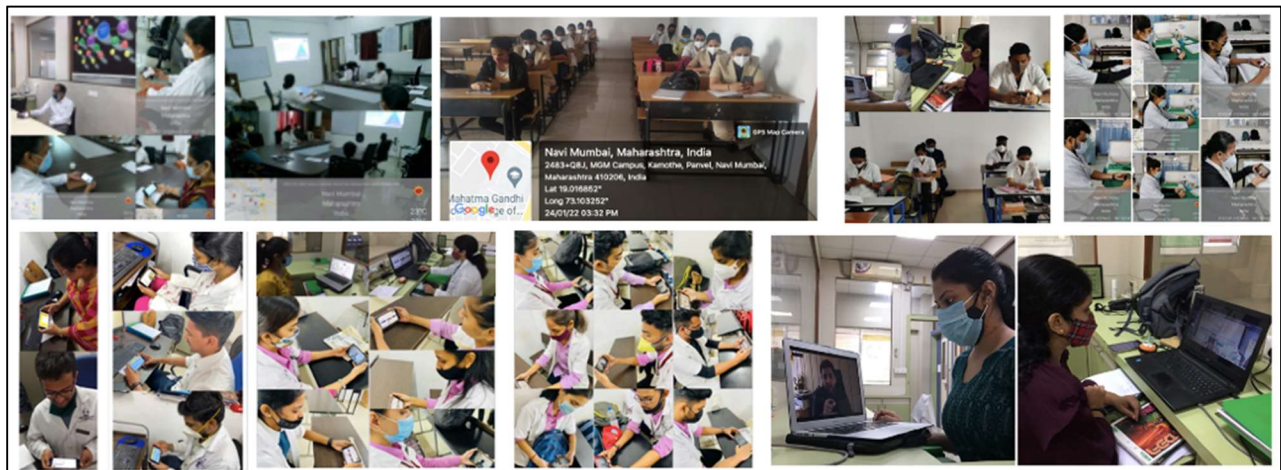
- Nation Education Day
- Nation Energy Conservation Day (India)
- National Science Day
- World Intellectual Property Day 2022
- Innovation and Entrepreneurship in HEIs for Aatmanirbhar Bharat & Celebrating 75 years of Independence- Azadi ka Amrit Mahotsav
- World Entrepreneur’s Day



Glimpse of IIC activities under celebration activities A. Nation Energy Conservation Day (India), B. World entrepreneurs Day

Under category of MIC driven activities, followings were conducted:

- E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day 1
- E-Symposium on Building Innovation Ecosystem in Educational Institutions- Day 2
- Orientation session on IIC 4.0 & Features
- Session on “Out of box thinking for problem solving”
- IIC Regional Meet
- Annual Report 2021-2022 for Institutions innovation Council, MGMIHS.



Glimpse of IIC activities under MIC driven activities

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

- Poster making competition on “Nation Energy Conservation Day”
- Quiz competition on “Nation Energy Conservation Day”
- Lecture on National Pollution Control Day
- New ideas in the field of Prosthetics and Orthotics
- Essay writing competition “Integrated Approach for Science and Technology for a Sustainable Future”
- Introduction to research, innovation and entrepreneurship
- Faculty research funding, publications and innovation in nursing
- E-poster competition on “My idea of Innovation on Health”
- Essay Competition on "INNOVATION- A rising for Healthcare System"
- Debate competition on “ Intellectual property must be protected in India”
- Lecture on “Advert to innovate: Gives wing to your Innovation”
- Essay-writing Competition on “Innovative Eco-friendly Therapeutic Gymnasium”
- Visit to MGMIHS OMICS Research Center
- Session on “Value Proposition fit & Business fit products for Nursing/ Health Care”
- Essay Competition on “If I will be an Entrepreneur”
- Webinar on “Medical Innovation- A rising need for health care”
- Introduction to Medical Device Innovation and Entrepreneurship



Glimpse of IIC activities under self driven activities

Under the Institution’s Innovation Council (IIC), MGMIHS Incubation and Innovation Centre organised the following activities under IIC calendar:

1. Problem solving and ideation workshop (04/02/2022) was jointly organized with MGMIHS OMICS Research Center, MGMIHS, Navi Mumbai
2. My story: Motivational Session by successful Innovators (07/01/2022) was jointly organized with MGM New Bombay College of Nursing, MGMIHS, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

3. Achieving Problems: Solutions fit & Product- market fit (14/01/2022) was jointly organized with MGM New Bombay College of Nursing, MGMIHS, Navi Mumbai
4. Innovation/ Prototype Validation: Converting Innovation into Start-up (17/08/2022) was jointly organized with MGM New Bombay College of Nursing, MGMIHS, Navi Mumbai

Other activities:

1. NAAC Peer team visited the Centre on 06/04/2022.

Achievements

1. Three research projects are completed under MGMIHS Incubation and Innovation Center.
2. One patent published
3. Two patents at advanced draft stage.
4. Sensitization of innovation, IPR and entrepreneurship through IIC to stakeholders of MGMIHS.

Forward Path

1. Introduction of new research projects
2. Establishment of linkages with other Incubation Centres in India.
3. Introduction of various schemes of Innovation Cell, Ministry of Education, Government of India in reference to innovation.
4. Commercialization of products etc.

MGMIHS SLEEP LAB

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

Research demonstrates that sleep disorders are significantly under-diagnosed and under-treated worldwide. Sleep disorders have now been clearly linked as a contributing risk factor to many other life-threatening diseases and conditions. Physicians' lack of knowledge in the area of sleep medicine is one of the contributing factors to this public health problem. This global gap in sleep medicine knowledge directly affects physicians in a variety of settings, impacting their ability to recognize and treat sleep disorders in their patients. Consequently, patient needs continue to go unmet, which significantly impacts quality of life issues as well as mortality and morbidity rates. The MGMIHS Sleep Medicine and Research Centre was inaugurated on the 6 of March 2014. Our center is in collaboration with the Sleep professionals at Penn Medicine, part of the University of Pennsylvania Health System, USA, recognized as one of the leading sleep medicine institutes in the world. With the training and guidance of Penn Medicine experts, our Center offers a full complement of sleep physician services, diagnostic testing and treatment options to ensure the best possible patient care. We offer beautiful and comfortable sleep facilities for overnight testing performed with state of art equipment, similar to that used at Penn Medicine sleep centers in Philadelphia, USA. These efforts have results in the MGMIHS sleep program being specifically designed to meet the growing needs of the Indian population.

TYPES OF SLEEP DISORDER STUDIES

- Attended Polysomnography
- Attended Polysomnography with PAP titration
- Attended Multiple Sleep Latency Test/Maintenance of Wakefulness Test
- Unattended Home Sleep Study MGMIHS Sleep Medicine and Research Centre

MGMIHS



**SLEEP TECHNICIAN
PREPARING PATIENT FOR
PSG**



**PSG DEVICES AND
MACHINES**



**CONTROL ROOM
/MONITORING ROOM
FOR THE SLEEP LAB**

TABLE 1- FACULTY OF SLEEP LAB

Sr. No.	Name of the Faculty	Designation	Qualification
1	Dr. P. V. Potdar	Professor & HOD	MD (Respiratory Medicine)
2	Dr. Shreeja Nair	Associate Professor	DTCD, DNB (Respiratory Medicine)
3	Dr. C D Kulkarni	Associate Professor	MD (Respiratory Medicine)

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

PSG CASES – YEAR WISE

YEAR	CASES
2014	62
2015	67
2016	60
2017	57
2018	31
2019	56
2020	8
2021-2022 (Upto May 2022)	3
June 2022 to December 2022	5

ONGOING PROJECTS

- 1. Prevalence of Sleep Apnoea in Obese Diabetics (Type-2) and its relationship with biomarkers. Objective (Biomarkers Assessment): Transcriptional factors (NFkB), Inflammatory markers – (CRP, IL-6, TNF- α), Adhesion molecules (ICAM, VCAM), Adipokines – (leptin, adiponectin), Sympathetic activity –overnight urinary catecholamines, Oxidative stress –overnight urinary isoprostanes .
- Prevalence and Metabolic alternations of Type 2 Diabetes Mellitus and Obesity with Obstructive Sleep Apnea

Principle investigator :- Dr.Z. G. Badade Professor

Bio chemistry, MGM Medical College, Navi Mumbai

Co-Investigators :- 1) Dr. Pradeep Potdar,

Professor & Head, Respiratory Medicine Department

2) Dr. Kavita More,

Associate Professor, Biochemistry Department

3) Dr.Sandeep Rai,

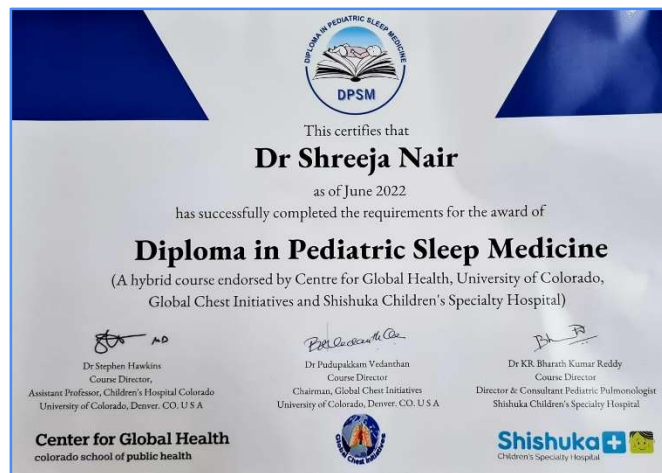
Professor of General Medicine

- Sleep study in Indian population & its relationship with rising prevalence of metabolic syndrome in Indian population
- To study the effect of mobile based telerehabilitation for older adults with sleep disorders

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

- Dr. Shreeja Nair, Associate professor has attending online CME s and certification from University of Pennsylvania
- 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.

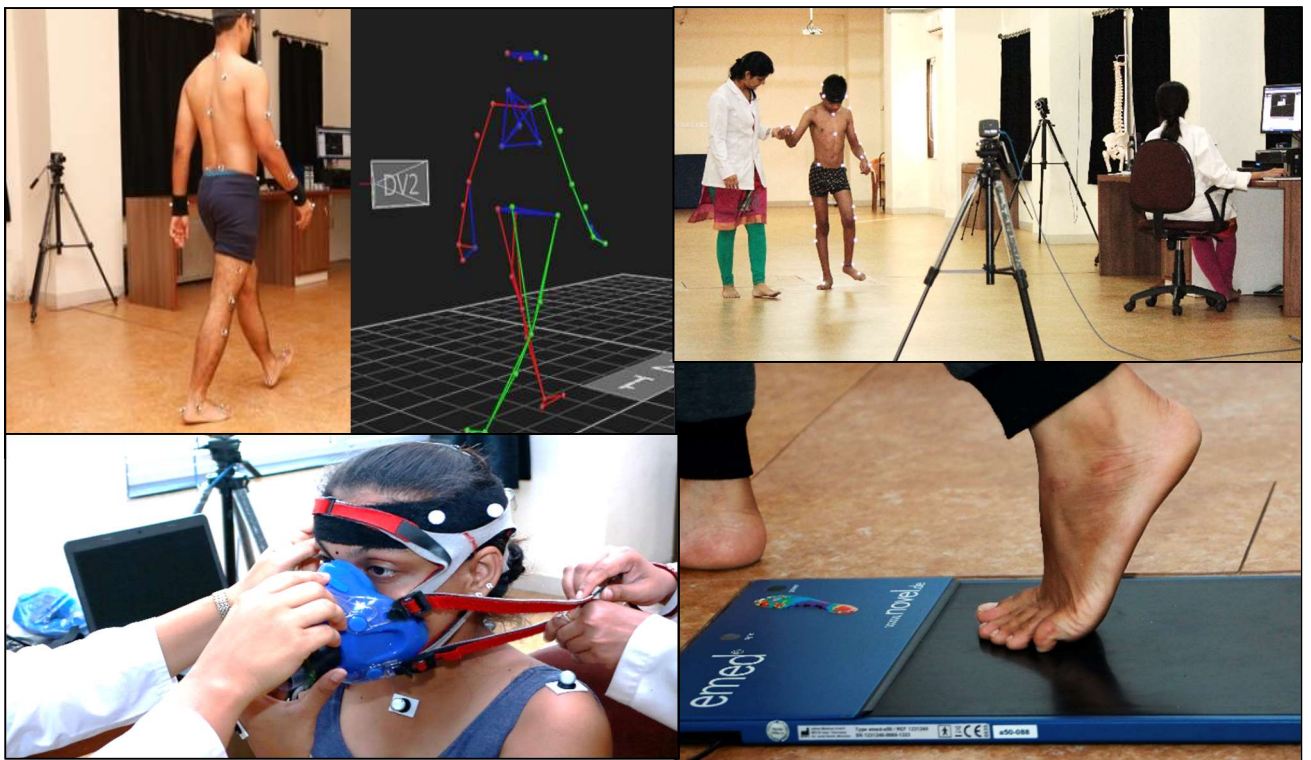
MGMIHS ANNUAL REPORT 2021-22



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.

MGM Centre of Human Movement Science



Institutional Distinctiveness of MGM Institute of Health Sciences

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 5 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.

Our 6 year report encompasses the progress of MGM Centre of Human Movement Science since 2015. We present this report 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

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 am extremely 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 Samarth 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



MGMIHS ANNUAL REPORT 2021-22

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 to a 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, Atomic Energy Commission of India
Former Secretary to the Government of India
Former Director of Bhabha Atomic Research Centre
Chairman, Board of Governors of the Indian Institute of
Technology, Bombay

Executive Summary

MGM Centre of Human Movement Science (MGMCHMS) has accomplished 5 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 6 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 20 training courses. Participants reported excellent feedback on knowledge base and awareness of applications of biomechanics in clinical evaluation and rehabilitation; research and technology design. Additionally, over 1519 students from Physiotherapy (including BPT & MPT), BTech, MTech, BE, Prosthetics & Orthotics (BPO) and Orthopedics (MS) 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 83 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 Reviews™ 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 patents are filed for design of technology pertinent to rehabilitation. 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

MGMIHS ANNUAL REPORT 2021-22

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 5 Physiotherapy faculty members and 2 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 5 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

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

Grade 'A' Accredited by NAAC

MGM CENTRE OF HUMAN MOVEMENT SCIENCE

Sector-30, Plot 46, Vashi, Navi Mumbai

MGM SCHOOL OF PHYSIOTHERAPY

Sector-1, Kamothe, Navi Mumbai

VISION

The aim is to generate a task force within the country to undertake research & conduct integrated training for health care professionals & engineers to develop human movement science for health promotion; reduction of rising burden of non-communicable-diseases (NCDs) for e.g. diabetes, arthritis, Parkinson's, cerebral palsy, etc. and design and validate technology for rehabilitation of people with movement disorders

MISSION

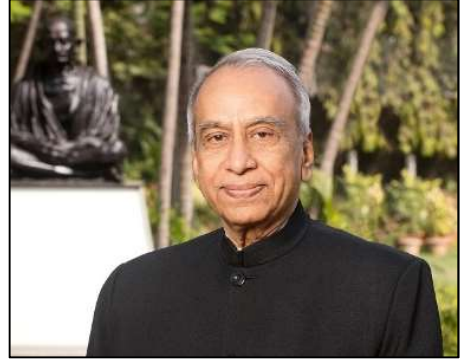
The mission is to provide people with robust & comprehensive movement-analysis facilities following injury/disorder at an affordable cost for precise clinical-decision-making.



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 5 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 5-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 5 years. Commendable progress by extremely capable 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 team are 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 common facilities, collaborative projects and training programs. It brings me honor and I am very happy to be 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.





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 5-year 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 years after 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.



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 drives activities 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 5 years in a part time capacity and is also pursuing doctoral studies at MGMSOP in the area of clinical biomechanics. She has keen interest in studying energy expenditure of movements and relating motion analysis to functional performance and capacity enhancement. (2012 onwards).



Dr. Triveni Shetty (PT):

Dr. Triveni Shetty (PT), 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. under the guidance of Dr. Rajani Mullerpatan. She is working with MGMCHMS team since its inception and plays a key role in capturing and processing data from VICON motion analysis system. (2015 onwards).

Faculty Profile



Dr. Akhila Natesan (PT):

Dr. Akhila N (PT), graduated from Government Medical College, MUHS in 2017, completed her Masters in Cardiorespiratory Physiotherapy from T.N.M.C, Medical College, Nair Hospital in 2021. She is currently working as an Assistant Professor at MGM School of Physiotherapy since September 2021 and a core teammember of MGMCHMS. Her expertise lies in the area of traditional Indian dance and she is currently exploring dance biomechanics of Indian classical dance forms. (2021 onwards).

Dr. Victoria Kuttan (PT):

Dr. Victoria K (PT), graduated from D.V.V.P. F's College of Physiotherapy, Maharashtra University of Health Sciences in 2017 completed her Masters in Musculoskeletal Physiotherapy from the same institution, in 2020. She is an Assistant Professor at MGM School of Physiotherapy since January 2022 and a core teammember of MGM Centre of Human Movement Science. Her expertise lies in the area of biomechanical exploration in various musculoskeletal disorders. (2022 onwards).



Dr. Shrutika Parab (PT):



Dr. Shrutika Dilip Parab (PT) qualified as Masters of Physiotherapy (MPT) in 2017 under MGM Institute of Health Sciences (MGMIHS), Navi Mumbai. Her post-graduate thesis focused on the Influence of Random and Blocked Practice Schedules on Motor Learning in Children Aged 6–12 Years. She has completed Bachelors of Physiotherapy (BPT) from MGM School of Physiotherapy, Navi Mumbai in the year 2015. She has been Awarded the “Chancellor’s Best Graduate Gold Medal” Batch 2010-14 and was felicitated by Honorable Ex-Union Minister Mr. Sharad Chandra Pawar. She is working as an Assistant Professor at Department of Neurophysiotherapy, MGM School of Physiotherapy, MGM Institute of Health Sciences, Navi Mumbai. (2017 onwards).

PhD Scholar



Dr. Triveni Shetty (PT): Enrollment: 2016

Dr. Triveni Shetty (PT), is currently working as an Associate Professor and is an in-house research scholar. With a keen interest in neuro-pediatric rehabilitation, she is pursuing her Ph.D. under the guidance of Dr. Rajani Mullerpatan (2015 onwards).

Dr. Poonam Desai (PT)- Enrollment: 2019

Dr. Poonam Desai (PT) completed Master of Physiotherapy in Musculoskeletal Sciences from Sunandan Divatia School of Science, Narsee Monji Institute, Mumbai. With keen interest in Geriatrics she is currently pursuing her PhD under the guidance of Dr. Rajani Mullerpatan. (June 2019 onwards).



Dr. Gaurav Mhaske (PT)- Enrollment: 2021

Dr. Gaurav (PT) completed Master of Physiotherapy in Neurosciences from KLEU Institute of Physiotherapy, Belagavi, Karnataka in 2015. He is currently working as Assistant Professor in MGM's Institute of Physiotherapy, Aurangabad and is pursuing his PhD under the guidance of Dr. Rajani Mullerpatan. (July 2021 onwards).

Dr. Sona Kolke (PT)- Enrollment: 2021

Dr. Sona (PT) completed Master of Physiotherapy in Musculoskeletal physiotherapy from Lokmanya Tilak Municipal Medical College, Mumbai in 1995. She is currently working as Associate Professor in Sancheti Institute College of Physiotherapy, Pune and is pursuing her PhD under the guidance of Dr. Rajani Mullerpatan. (July 2021 onwards).



Dr. Bhoomika Sawant (PT)- Enrollment: 2021

Dr. Bhoomika (PT) completed Master of Physiotherapy (MPTh) in Cardiovascular and Pulmonary Physiotherapy and Fitness in 2019 under MGM School of Physiotherapy, Navi Mumbai with a keen interest in cardiorespiratory rehabilitation she is pursuing her PhD under the guidance of Dr. Rajani Mullerpatan. (July 2021 onwards).

Dr. Rinkle Malani (PT)-Enrollment: 2021

Dr. Rinkle (PT) is Principal of MGM School of Physiotherapy, Aurangabad. She has keen interest in the field of chronic pain assessment and management and she is pursuing her PhD under the guidance of Dr. Rajani Mullerpatan. (July 2021 onwards).



Dr. Mamta Shetty (PT)- Enrollment: 2021

Dr. Mamta (PT) completed Master of Physiotherapy (MPTh) in Musculoskeletal Physiotherapy from Terna Physiotherapy College, Navi Mumbai, affiliated to Maharashtra University of Health Sciences (MUHS) in the year 2017. She is currently working as Assistant Professor and is an in-house research scholar.

Research Scholar

Senior Research Fellow

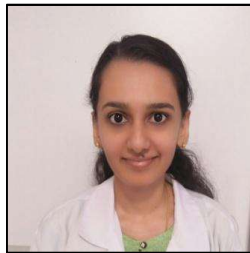


Dr Bindya Sharma (PT)

Dr. Bindya Sharma(PT) worked as an Assistant Professor for Musculoskeletal Physiotherapy Dept at Pad. Dr D.Y. Patil College of Physiotherapy. She worked as Senior Research Fellow in MGMCHMS for a brief period. (March 2017-August 2017).

Dr. Megha Sonkhia (PT)-

Dr. Megha (PT) graduated from M.G.M. Medical College, Indore, completed her Masters in Musculoskeletal science from Swami Vivekananda National Institute of rehabilitation Training and Research. Megha has worked as an Assistant professor and guest faculty. She has a keen interest in research and worked as Senior Research Fellow in MGMCHMS (Aug 2017-Feb 2019).



Dr. Blessy Thomas (PT)

Dr. Blessy Thomas (PT), graduate from MGM College of Physiotherapy, Aurangabad in 2014 and post-graduate from MGM School of Physiotherapy, Navi Mumbai in 2016; worked as a Physiotherapist for 1.5yrs in Multispecialty hospitals. She has keen interest in research and worked as Senior Research Fellow in MGMCHMS (Mar 2019-Mar 2020).

Junior Research Fellow

Dr. Gavin Fernandes (PT)

Dr. Gavin Fernandes (PT), an alumnus of MGM School of Physiotherapy, MGM Institute of Health Sciences graduated in the year 2020. He is currently working as a Project Research Assistant at BETiC, IIT Bombay for the validation of indigenously developed device for assessing the plantar tissue stiffness in collaboration with MGM Centre of Human Movement Science. (2021 onwards)

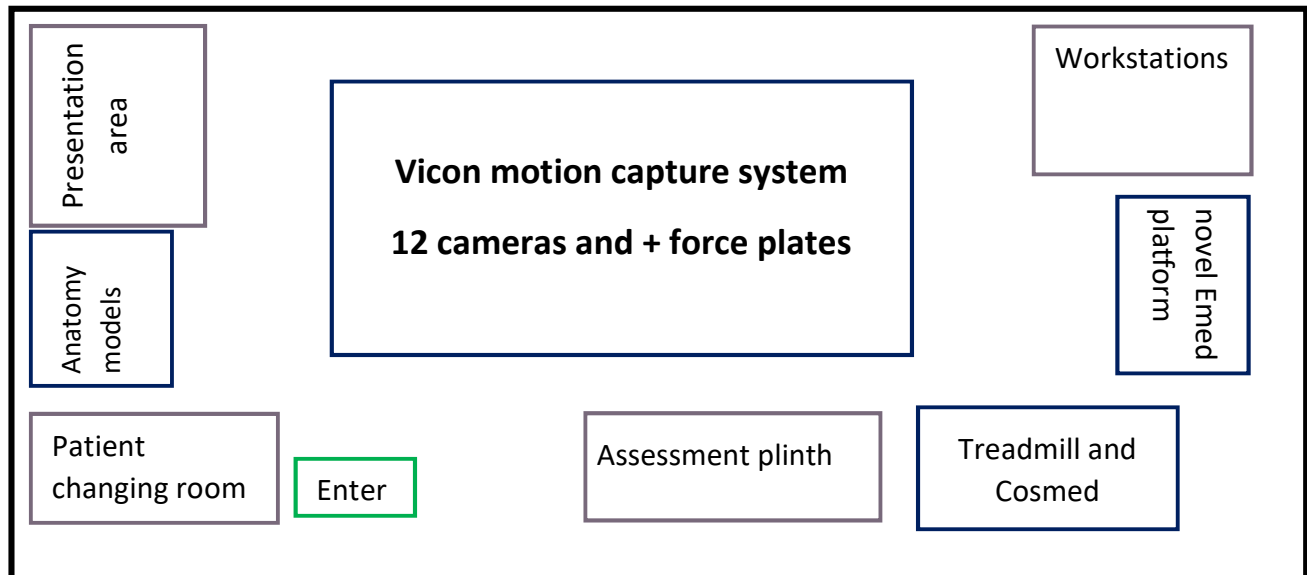


Dr. Misbah Shaikh (PT):

Dr. Misbah Shaikh (PT), graduated from MGM College of Physiotherapy, Maharashtra University of Health Sciences in 2021. She is currently working as a research assistant for the validation of indigenously developed device for assessing the plantar tissue stiffness. (2022 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

Facilities

❖ 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

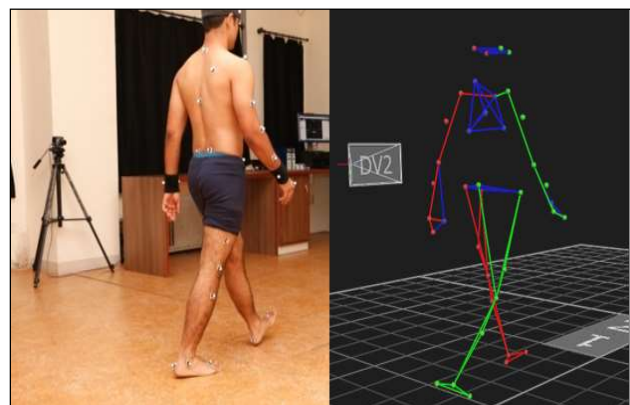
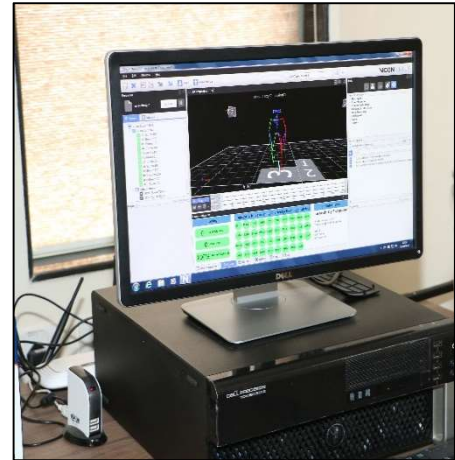


used to influence decision making for orthopedic surgery and assess post treatment progress. AMTI

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.

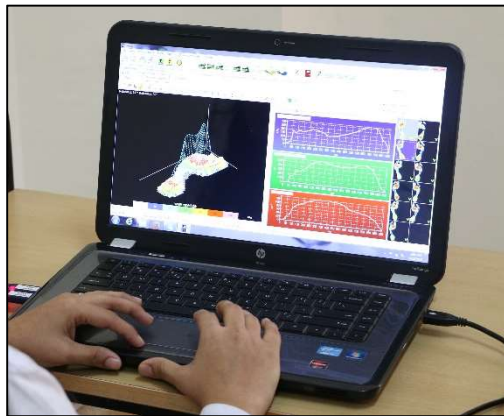
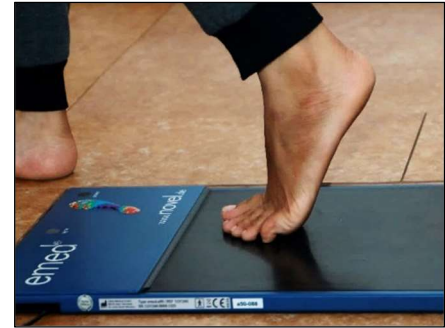
VICON along with AMTI force plates is a state of art system for comprehensive motion analysis and allows reliable assessment of kinematics and kinetics of human movement. The system is extensively used in research setting for evaluation of motion in all three planes.

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 of 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/cm², 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.



The ProComp Infiniti: The ProComp Infiniti SA7500 encoder is an



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

❖ **Step Activity Monitor:**



The Step Activity Monitor (SAM) by Orthocare Innovations is a highly accurate ankle worn ambulatory activity monitor, the size of a small pager. The StepWatch works with a docking station and software that handles set-up, downloading, display, analysis, and many other functions. It detects steps for a wide variety of normal and abnormal gait style and cadence ranging from a slow shuffle to a fast run. It has a capacity to monitor and store data for a month.

❖ 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.

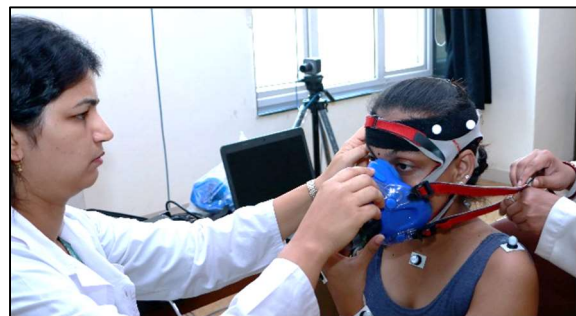


❖ **Oxygen Consumption Analyzer (Fitmate Med, COSMED):**

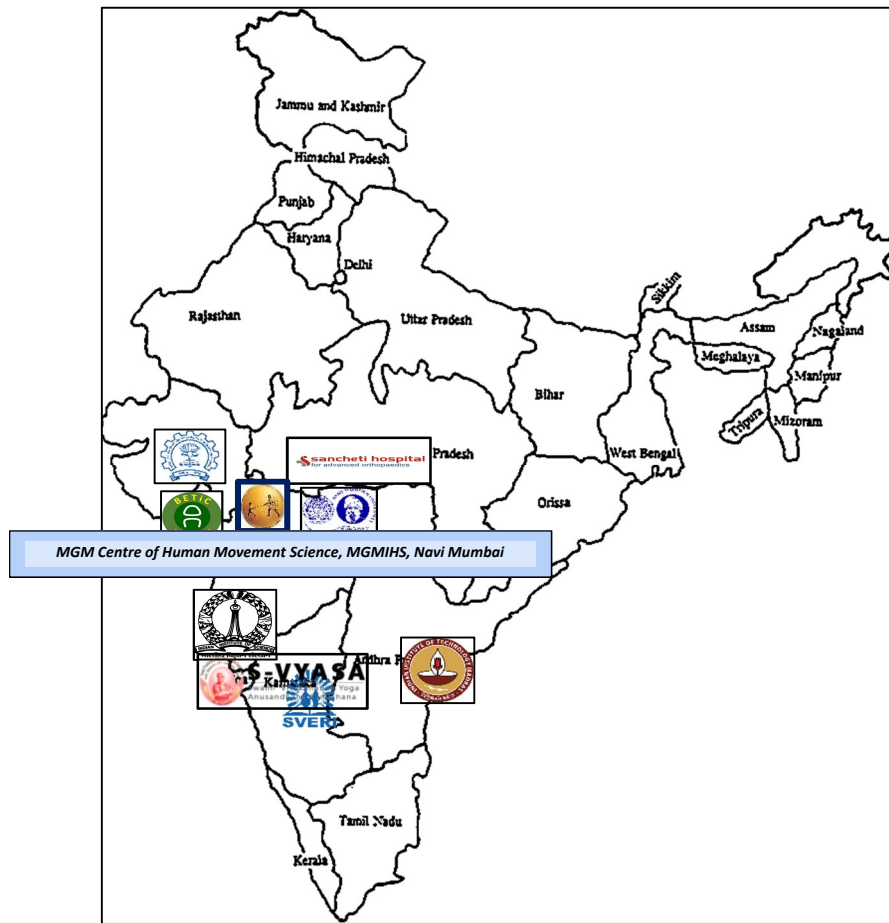


Fitmate Med by COSMED, Italy is an electronic device developed for assessing resting metabolism, cardio-respiratory fitness (VO₂max) and basic spirometry (FVC, SVC, MVV). It allows personalized weight management programs and exercise prescriptions according to the ACSM's latest recommendations. It is 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 cardio-respiratory function. It is a sensitive measure which can be used to understand cardio-respiratory function in health and disease.



National collaborations & Linkages



BETiC, IIT B– Prof. Ravi, Institute Chair Prof., Founder-BETiC IIT Bombay b.ravi@iitb.ac.in



IIT Bombay- Dr. Abhishek Gupta, Asst Prof, Mechanical Eng. Dept abhi.gupta@iitb.ac.in



IISc Bangalore -Dr. Omkar SN, Chief Research Scientist, Dept. of Aerospace Eng omkar@iisc.ac.in



IIT Madras – Dr Sujata Srinivasan, Mechanical Eng. Dept sujsree@iitm.ac.in



S-VYASA, Bangalore - Dr.N. K. Manjunath, Head of Research Dept, nkmsharma@svyasa.org



Sancheti Hospital, Pune Dr. Apruv Shimpi(PT), apurv008@gmail.com

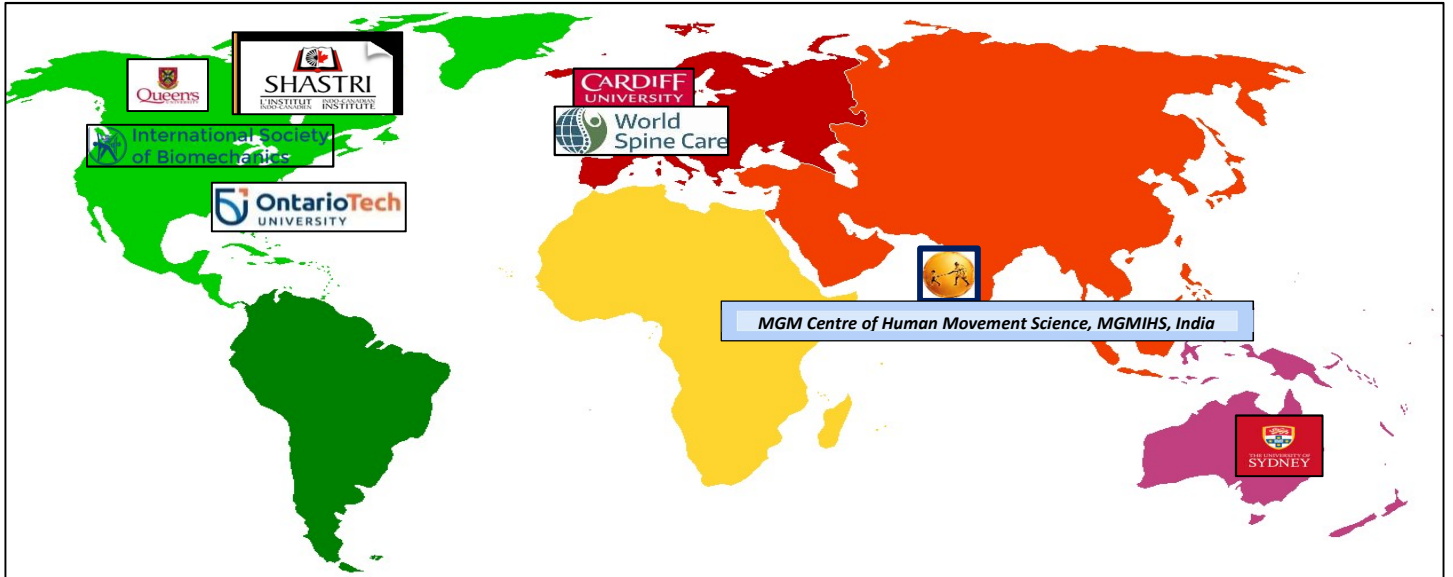


SNDT Women’s University, Mumbai, Nancy Fernandes, nancy.fernandes@ltnursingsndt.ac.in



Shri Vitthal Education and Research Institute, Pandharpur, Dr. Ranjitsinha Gidde rrgidde@coe.sveri.ac.in

International collaborations



Toni Arndt, President, International Society of Biomechanics, toni.arndt@gih.se



Prof. Margareta Nordin, World Spine Care, Europe-dmn2@nyu.edu



Dr. Prachi Kaul, Director, Shastri Indo-Canadian Institute, Canada
kaulprachi@sici.org



Dr. Claire Hiller, Director of Dance Research, University of Sydney, Australia
claire.hiller@sydney.edu.au



Dr. Robert Van Deursen, Professor of Rehabilitation Science, Cardiff University, UK
vandeursenR@cardiff.ac.uk

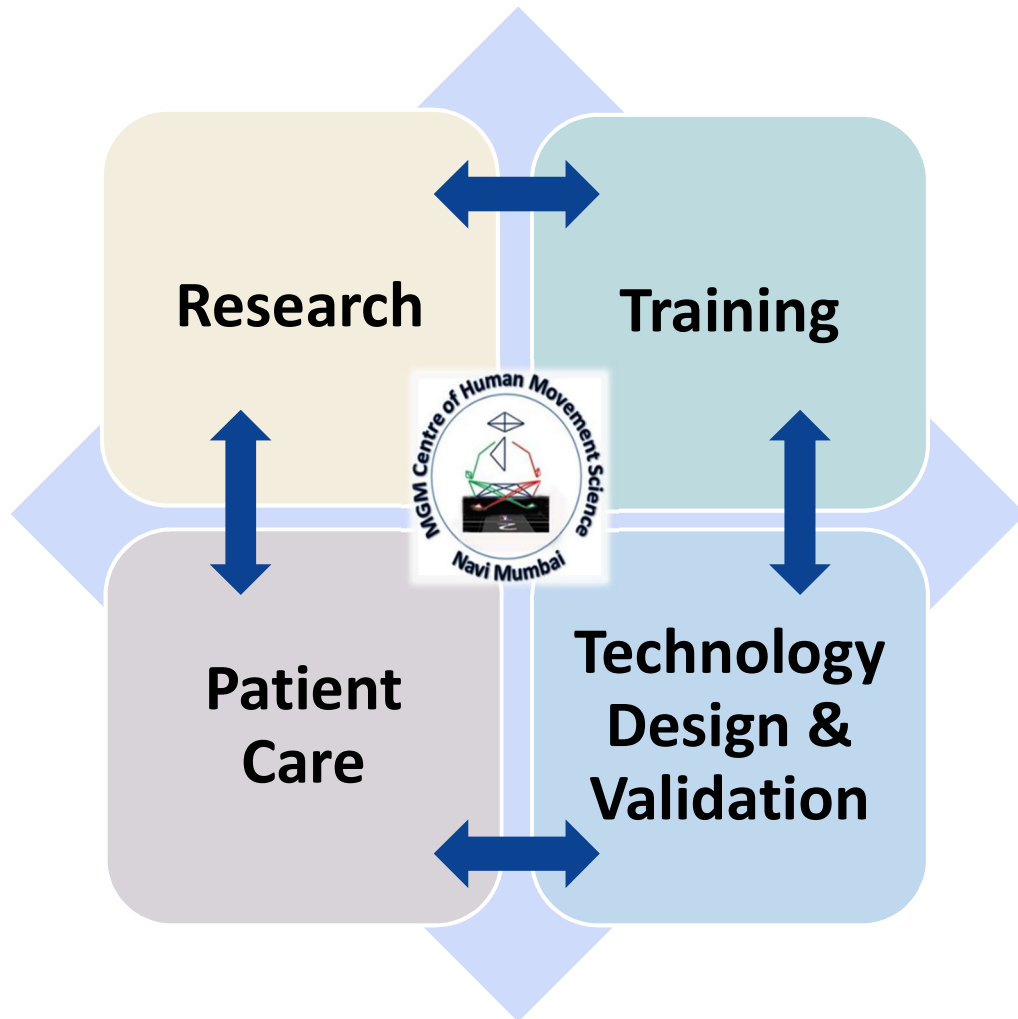


Dr. Andrea Hemmerich, Professor, Department of Mechanical Engineering, Queens University, Canada
a.hemmerich@alumni.utoronto.ca

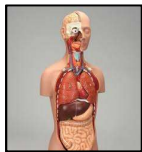
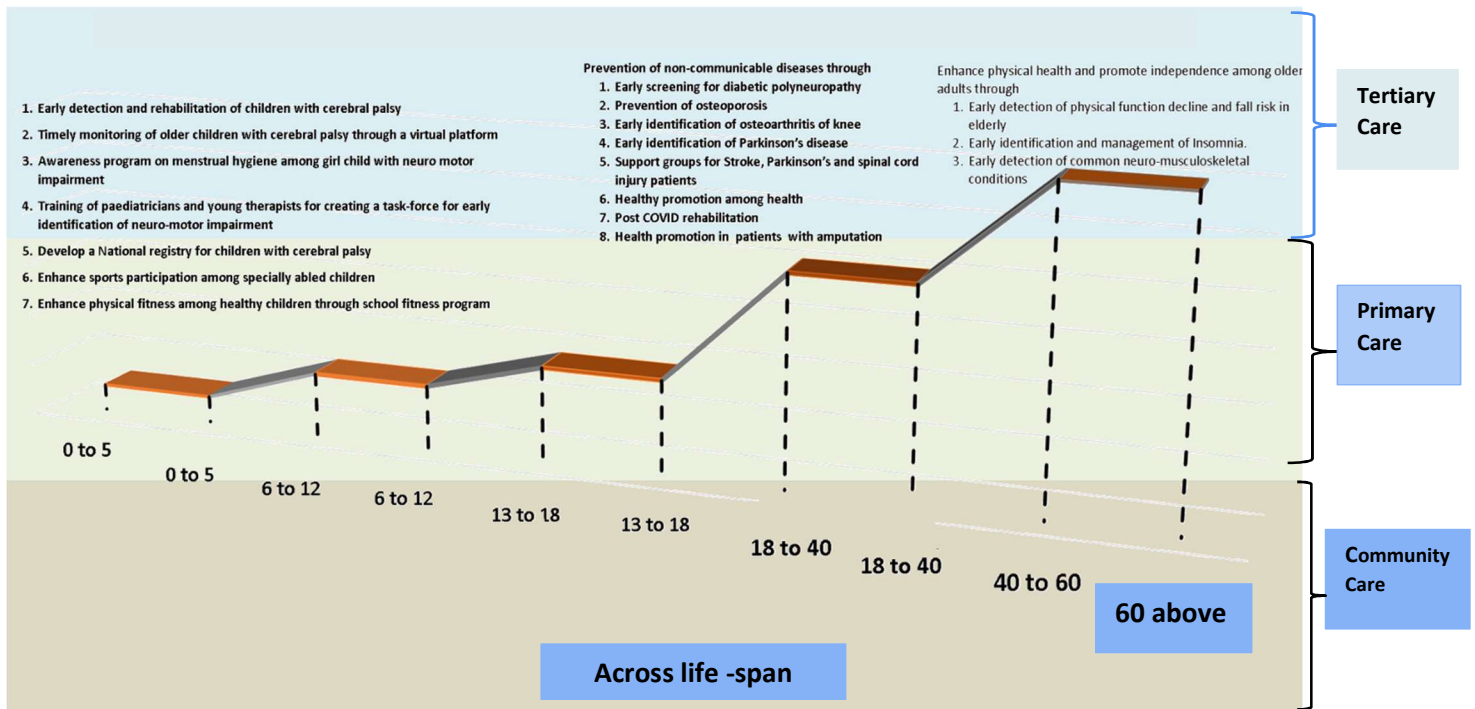


Prof. Pierre Cote, Faculty of Health Sciences, Ontario Tech University, Canada
pierre.cote@ontariotechu.ca

*Distinctiveness of
MGM Centre of Human Movement Science
Four activity domains*



Breadth and Depth of Human Movement Application in Healthcare

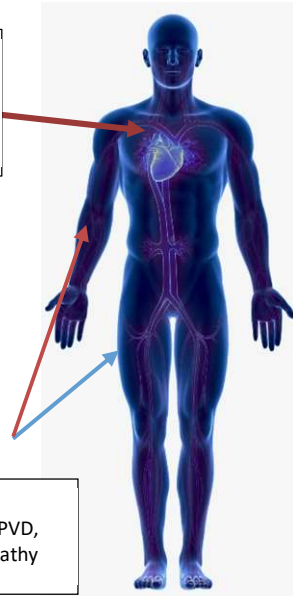


Across Body Systems

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

Cardiorespiratory system: Fitness, Post COVID Rehabilitation, Yoga for respiratory health

Musculoskeletal system: Osteoarthritis, Osteoporosis, PVD, Amputation, Diabetes neuropathy



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):

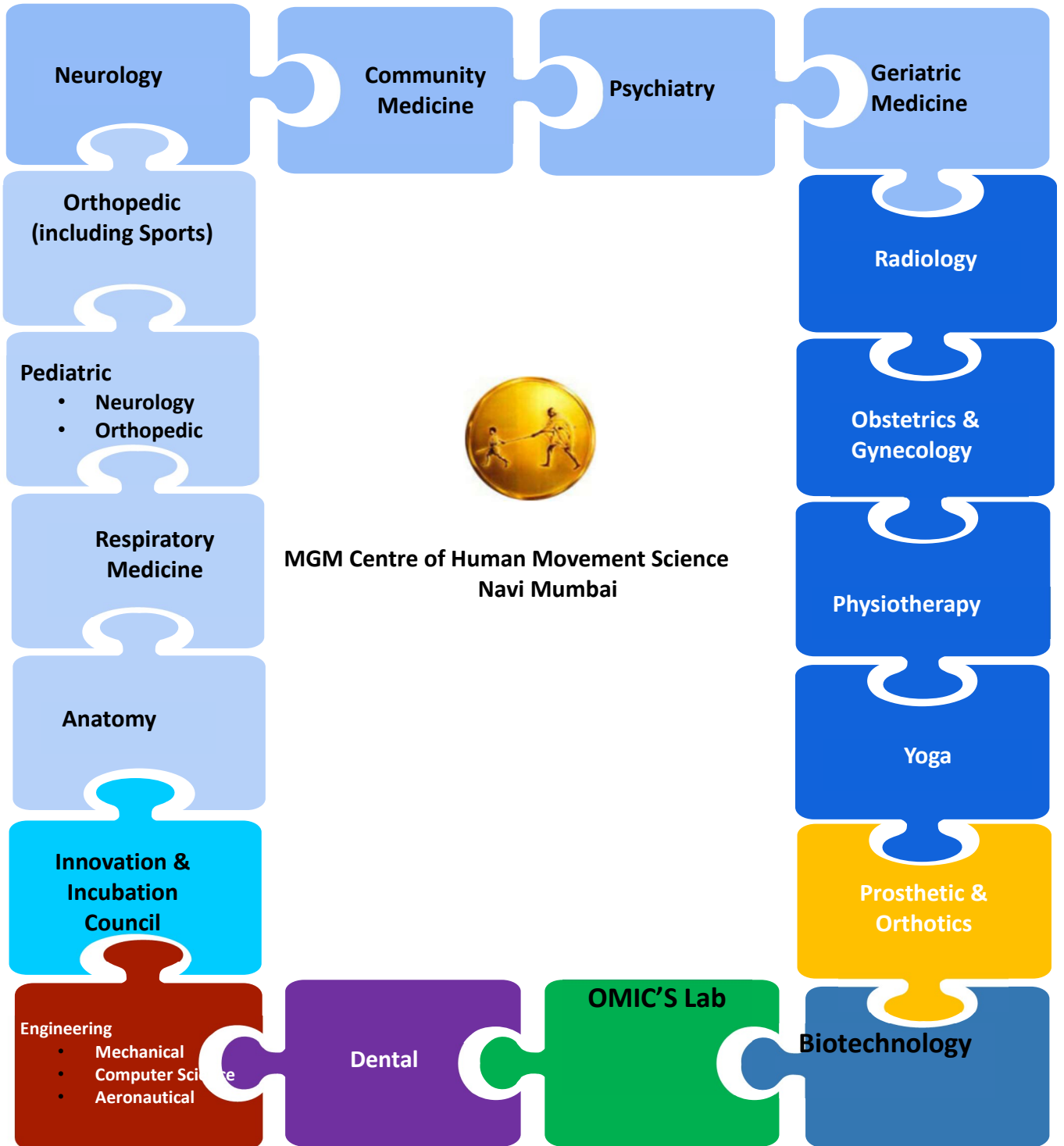
1. Early detection and management of osteoporosis.
3. Health promotion

50 years & above (post-menopausal):

1. Evidence informed exercise for bone health

Interdisciplinary Work

MGM Centre of Human Movement Science engages various disciplines of Health and Engineering within MGM Institutes of Health Sciences across various institutes of MGM Trust and throughout India to develop indigenous innovations to address unmet healthcare needs



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 6 years is attracting major industry innovators for this purpose.

Training

In past 6 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 20 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. Additionally, over 2026 students from Physiotherapy (including BPT & MPT), BTech, MTech, BE, Prosthetics & Orthotics (BPO) and MS(Orthopedics) benefitted from biomechanics training.

Curricular training

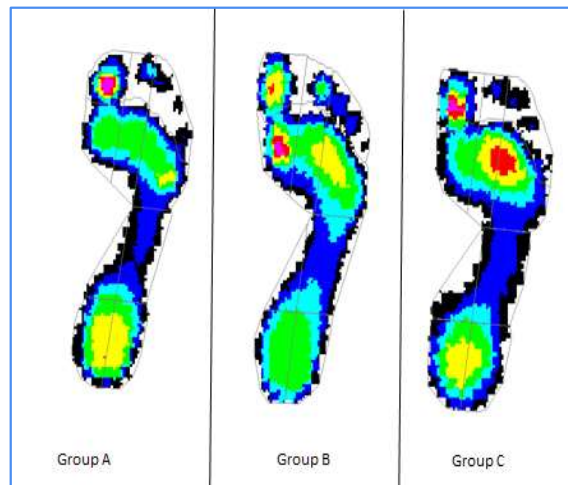


IV BPT students being trained on 3D gait analysis for healthy and patient population

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 (Suryanamaskar) and its scientific application in healthcare; iii) biomechanical exploration of traditional sports and its scientific application in healthcare and iv) biomechanical exploration of traditional dance form (Bharatanatyam) and its scientific application in healthcare. Research activities in these areas have yielded 83 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. Three patents are filed for design of technology pertinent to rehabilitation. In past 6 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.



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. 1337 consented healthy participants (aged between 5-75 yr) were analyzed to generate normative reference data for Indian population and this is still ongoing. Total 874 patients have been tested for gait evaluation, balance testing and foot pressure analysis. In the year long duration of November 2021 to October 2022, 173 patients availed testing and rehabilitation facilities at MGM CHMS.

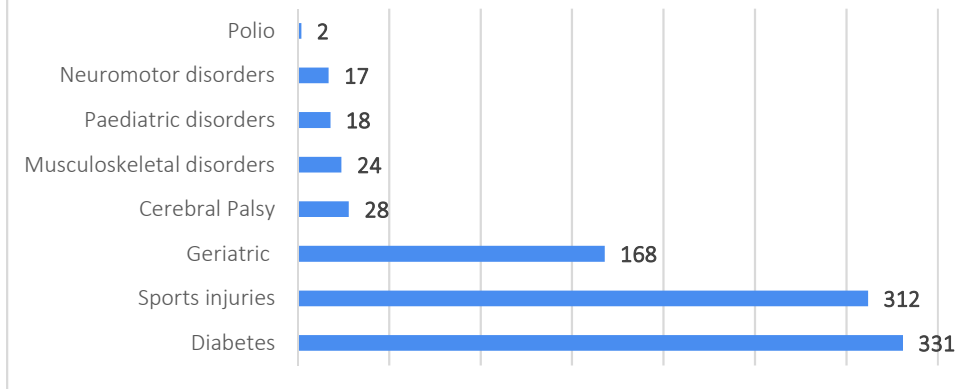


Gait analysis of Child with cerebral palsy



Energy cost of gait of patient with amputation

Number of patients evaluated and undergone rehabilitation at MGM CHMS between Nov 2021 to Oct 2022



Graphs presents number of patients evaluated and undergone rehabilitation at MGM CHMS between Nov 2021 to Oct 2022

Eminent Visitors



L-R: Mr. Binsu Babu, Assistant Professor, PCE, Dr. Bela Agarwal, Dr. P.S. Goyal, Professor and Dean Research and Development department, PCE, Dr. Triveni Shetty, Dr. Rajani Mullerpatan and faculty from Pillai College of Engineering Mrs. Divya Padmanabhan, Mrs. Anuya Nijasure, Dr. Richa Agarwal

"Excellent facility and very competitive staff. Visit was very educative"

- Dr. P.S Goyal



L-R: Mr Rameshwar Naik, NRHM Advisor Govt of Madhya Pradesh, Dr Anand Bang, Director SEARCH, Dr Rajani Mullerpatan, Dr. Bela Agarwal

"Honored to visit the centre and learn about the scientific work done here, I am keenly looking forward for continued engagement"

- Dr. Anand Bang



Dr Triveni Shetty demonstrating VICON system to Mr .C.K.Vhare, Assistant Professor, and Mr.S.Y.Salunkhe, Assistant Professor from Shri Vithal Education and Research Institute Pandharpur.



L-R: Mrs. Anjani Telang, Prof- Joseph Daly expert in field of Bharatanatyam and Dr Triveni Shetty



Mr. Balaji Ramamurti, Professional Education Manager, Johnson & Johnson Medical, Dr. Rajani Mullerpatan and Dr. Triveni Shetty

"Impressive lab with great potential in"



L-R NAAC Peer team members Dr Mahesh Gupta, Professor & HOD Pharmacology PGIMS, Dr Hansa Goswami, Professor and Head, Department of Pathology, B.J. Medical College, and Dr Amar Rai, Former Vice Chancellor North Eastern Hill University.



L-R Dr.Triveni Shetty discussing process of prosthetic device validation at MGM CHMS with the Co-founders of Combat Robotics Mr.Wahab Sheikh and Mr.Yuvaraj karoshi

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 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 future toolbox of e-evaluation



**MGM School of Physiotherapy
MGM Institute of Health Sciences invites
you to a webinar on**

“3D Gait analysis”
Adding skill to your future toolbox of e- evaluation

Host:
Dr. Rajani Mullerpatan
Prof-Director, MGM School of Physiotherapy, MGM Institute of Health Sciences

Objectives:

- ✓ Understand 2D motion analysis
- ✓ Understand the basic principles of 3D motion analysis
- ✓ Understand theories of movement control and loading
- ✓ Able to integrate and apply the above to analyze movement problems encountered in patient population

MGM Institute of Health Sciences
Sec 1, Kamothe
Navi Mumbai – 410209

Registration fee: 750/- INR
Link for registration:

Clinical Biomechanics

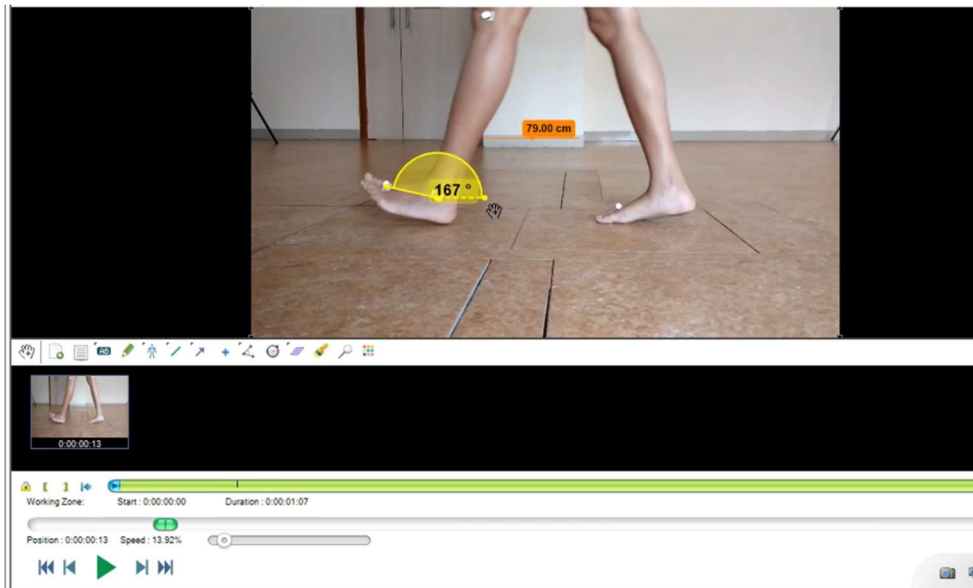
Course Title:	Clinical Biomechanics and Human Movement Analysis	
Course Description	Value Added Course	Mode: Online/Blended
Course Duration	4 weeks	
Credits	8	
Hours	24 Theory + 16 Practical = 40 hours 6+4 hours/week = 10 hours/week 6+2 =8 credits	
Course Instructors	Dr Rajani Mullerpatan, Dr Bela Agarwal (PT), Dr Triveni Shetty (PT) and Dr Juhi Bharnuke (PT), MGM School of Physiotherapy, MGM Institute of Health Sciences, Navi Mumbai	
Beneficiaries	Bachelor of Physiotherapy, Master of Physiotherapy, BTech and MTech students	
Course Objectives	Understanding normal and pathological joint motion, gait and biomechanical determinants of motion Methods of motion capture and analysis Gain skills in 2D motion capture	
04-12-2020	MGM Centre of Human Movement Science, MGM SOP, MGMIHS, NM	

Other courses offered:

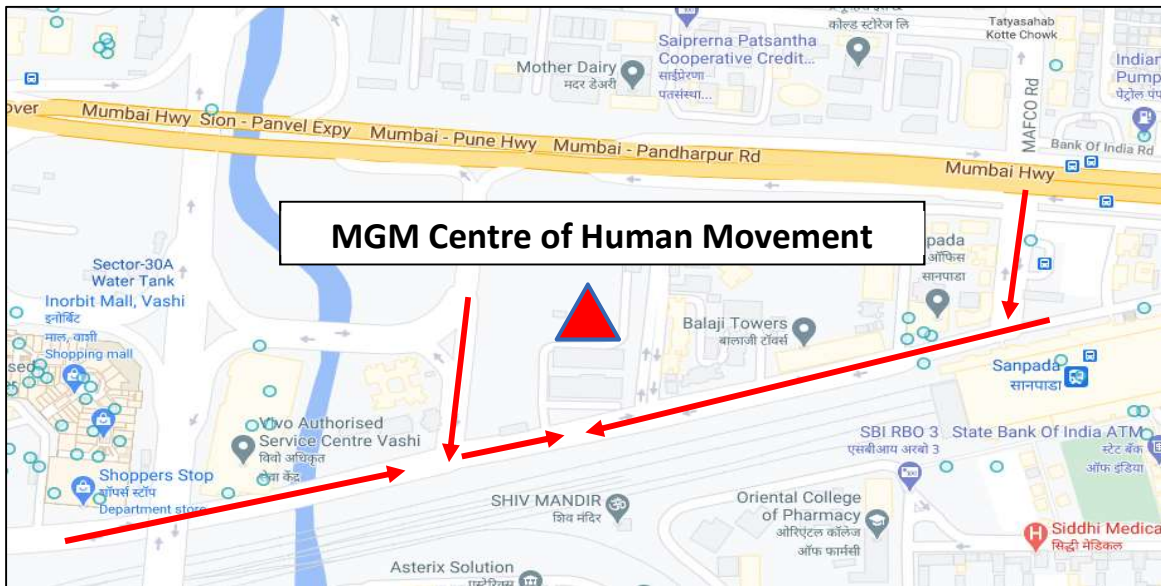
Detection, Awareness and Management of Cerebral Palsy

Value Added Course	
+	
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	<ol style="list-style-type: none"> 1. 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

One-day Virtual Training Webinar on 2D analysis of Motion



How to reach us:



Address: MGM Centre of Human Movement Science, 1 st floor, MGM Super specialty Hospital, Sector 30A, Plot 46, Opposite Sanpada Railway Station, Navi Mumbai, Maharashtra 400705

Website: <https://www.mgmsopnm.edu.in/humanMovementSciences.html>

e-mail ID: chmsmgm@gmail.com OR mgmchms@mgmsopnm.edu.in

Contact Number: 022 2743-7866



MGM GE ULTRASOUND SIMULATION LAB

MGMIHS has taken a futuristic initiative in collaboration with GE Healthcare to set up the 1st Sonosim Simulation “Centre of Excellence” Lab in South Asia at its MGM Navi Mumbai campus.

The lab was established on 18th August 2021 at MGM Medical College, Kamothe, Navi Mumbai. The purpose of establishing the lab at our Navi Mumbai campus is to bridge the knowledge gap between radiologists and doctors of other specialties (OB/GY, Pain Physicians, Anaesthetists etc.) who would like to or already using sonography as a tool for diagnosis or tool for assessment of patients’ health status during treatment or procedures.

It provides a unique space for learning Ultrasonography in Online and Offline mode; where online modules may be studied at the comfort of your home as well as in Lab. For Simulation part of training the learner has to visit lab in order to complete simulation training in Ultrasonography.

There are total 75 Audio-visual modules for Theoretical learning and 80 different cases for Practical learning of Ultrasonography. Here, during practical training, a candidate learns a “Hand-Eye coordination” necessary to handle the sonography probe.

Till date, we have conducted Ultrasonography Training workshops for Pain Physicians, Obstetricians and Gynaecologists; Paediatricians and other specialties of Medical professionals such as Anaesthetists who would like to learn Sonography a tool for diagnosis and treatment of patients in their day to day practice!

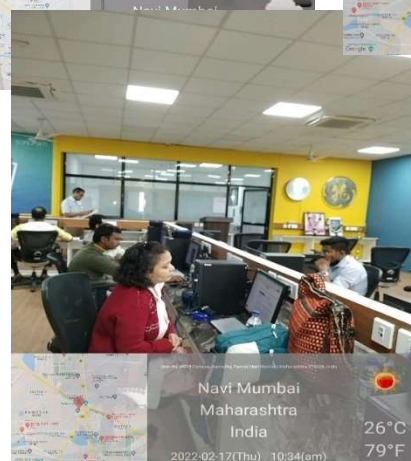
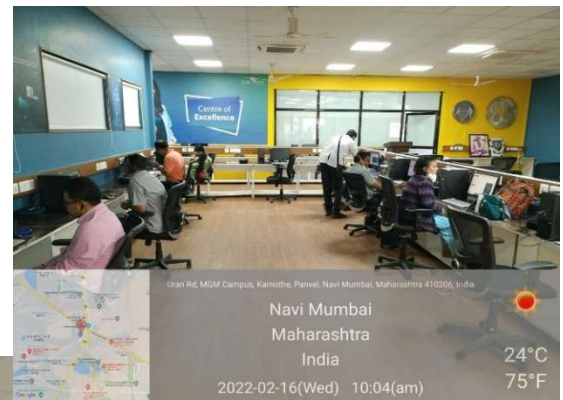
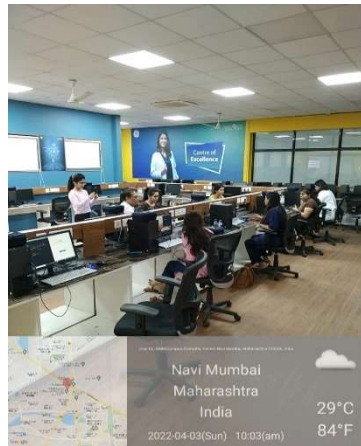
MGMIHS ANNUAL REPORT 2021-22

List of Workshops conducted from 8th Nov 2021 till 31st August 2022

Sr. No.	Date	Title of the Workshop	Participants	Total No. of Participants	MGM-GE US Lab coordinator	Dept. Coordinator/s
1	17/12/2021	Introduction to Sonosim Software	B. Optometry	13	Mr. Subodh Rahate	Mr. Rohit Gupta
2	16,17 & 18 th Feb 2022	MSK-USG Workshop 1	Pain Physicians, Anaesthetists, Orthopedics	8	Mr. Subodh Rahate	Dr. Shantanu Mallick
3	2 nd & 3 rd April 2022	OBGY-USG Workshop 1	MD Gynecology Students/ Practitioners	13	Mr. Subodh Rahate	Dr. Sushil kumar and Dr. Shantanu Mallick
4	27,28 & 29 th April 2022	MSK-USG Workshop 2	Pain Physicians, Anaesthetists, Orthopedics	10	Mr. Subodh Rahate	Dr. Shantanu Mallick
5	11 th May 2022	PED-USG Workshop 1	MD Pediatrics students and Faculties	6	Mr. Subodh Rahate	Dr. Vijay Kamale and Dr. Shantanu Mallick
6	7,8 & 9th June 2022	MSK-USG Workshop 3	Pain Physicians, Anaesthetists, Orthopedics	5	Mr. Subodh Rahate	Dr. Shantanu Mallick
7	18, 19 & 20th August 2022	MSK-USG Workshop 4	Pain Physicians, Anaesthetists, Orthopedics	15	Mr. Subodh Rahate	Dr. Shantanu Mallick

MGMIHS ANNUAL REPORT 2021-22

Glimpses of the Workshops





Awarded degrees

The following degrees awarded in 15th Convocation at MGMIHS, Navi Mumbai on 29.08.2021 through virtual mode.

Program wise detail as under:

Programme Name	Number of students
PhD	6
MD & MS	101
M.Sc.(AHS), MHA & MPH	70
M.Sc(Medical)	26
M.B.B.S	160
B.Sc (AHS)	9
B.P.T	92
B.P.O	5
Total	469

List of various medals awarded in 15th Convocation

1. Dr. A.M. Vare Gold Medal to TRESHA R PARSANIA from MGM Medical College, Navi Mumbai for securing Highest Marks in Anatomy Subject (1st Year MBBS ; Batch 2015-2020)
2. Dr. C.A. Franklin Gold Medal to THAKKER YESHA JAYESH from MGM Medical College, Navi Mumbai for securing Highest Marks in FMT Subject (2nd Year MBBS ; Batch 2015-2020) (SHARING WITH) Dr. C.A. Franklin Gold Medal to ADITYA RAJ SHARMA from MGM Medical College, Navi Mumbai for securing Highest Marks in FMT Subject (2nd Year MBBS ; Batch 2015-2020)
3. MGMIHS Gold Medal to PANAT ROHAN MANGESH (14th Convocation) from MGM Medical College, Aurangabad for securing Highest Marks in General Surgery (3rd Year Part-II MBBS ; Batch 2015-2020)
4. MGMIHS Gold Medal to PANAT ROHAN MANGESH (14th Convocation) from MGM Medical College, Aurangabad for securing Highest Marks in OBGY. (3rd Year Part-II MBBS ; Batch 2015-2020)
5. Chancellor's Medal to THAKKER YESHA JAYESH from MGM Medical College, Navi Mumbai for being the "Best Graduate in MBBS" (Batch 2015-2020) (SHARING WITH)

MGMIHS ANNUAL REPORT 2021-22

- Chancellor's Medal to NAIK KETKI RAJIV (14th Convocation) from MGM Medical College, Aurangabad for being the "Best Graduate in MBBS" (Batch 2015-2020)
6. Chancellor's Medal to MOUSMI AGRAWAL (MD Pathology) from MGM Medical College, Aurangabad for being the "Best Medical Post Graduate in Pre/Para Clinical Sciences (MD/MS)" (Batch 2018-2021)
 7. Chancellor's Medal to BOHRA PALAK RAJENDRA (MD Anesthesiology) from MGM Medical College, Aurangabad for being the "Best Medical Post Graduate in Clinical Sciences (MD/MS)" (Batch 2018-2021) (SHARING WITH) Chancellor's Medal to ANSHU BASER (MS Obstetrics & Gynecology) from MGM Medical College, Navi Mumbai for being the "Best Medical Post Graduate in Clinical Sciences (MD/MS)" (Batch 2018-2021)
 8. Chancellor's Medal to SARDESHMUKH SHARVARI VIVEK from MGM School of Physiotherapy, Navi Mumbai for being the "Best Graduate in Physiotherapy" (Batch 2016-2020)
 9. Chancellor's Medal to PATIL APURVA DEEPAK SMITA from MGM Medical College, Navi Mumbai for being the "Best Post Graduate in M.Sc. (Medical Biochemistry) 3 Years " (Batch 2018-21)
 10. Chancellor's Medal to JADHAV SAILI UMESH from MGM School of Bio-Medical Sciences, Navi Mumbai for being the "Best Post Graduate in Master of Public Health 2 Years " (Batch 2019-21)



Chancellor's Gold Medal as Best Medical Post Graduate Student



RESEARCH FACILITIES

Research Laboratories

Incubation & Innovation Centre

Human Movement Science Center

Clinical Trial Centre

Sleep Medicine & Research Centre

Hospitals with diagnostic facilities

Animal House/ Innovation Garden

SIRO recognised



Zebra Fish Lab



OMICS Lab



Human Movement Science Center



Incubation & Innovation Centre



Central Clinical Lab



Clinical Trial Centre

Research Grant

❖ **Extramural Project: -**

Sr No.	Title of the Project	Principal Investigator	Year of Project	Grant Agency	Grant Received Year	Funding Amount
1	Therapeutic potential of dipeptidyl peptidase (DPP) IV inhibitors for beta cell regeneration in prediabetes and development of natural DPP-IV inhibitors for cardiometabolic risk reduction.	Dr. Ipseeta Ray	2020	ICMR	2021	694800
2	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	2021	3654238
3	Development of 5 prototypes build and validation of prototypes	Dr. Pallavi Palaskar	2021	Andhra Pradesh Med-Tech Zone	2021	1000000
4	Development of mobile technology (Detect, Rehabilitate and Monitor (DREAM)): Empowerment of primary caretakers of children with Cerebral palsy	Rajani Mullerpatan	2021	Rajiv Gandhi Science & Technology Commission, Govt of Maharashtra	2021	1649000
5	Effectiveness of “Pregnancy Tele Yoga Module” on stress, anxiety or depression during COVID – 19 Pandemic; a prospective, multi-center, open-label single-arm exploratory study.	Dr. Shubhangi S. Dere	2021	Department of Sciences & Technology	2021	Multi centric study
6	Development of interventions for improving vaccine uptake in tribal and rural population, Maharashtra: A qualitative study.	Dr. Maninder S Setia	2022	ICMR	2022	160000
7	Mobile based application for tele-rehabilitation for self-empowerment of community dwelling elderly people for maximization of physical function-A pilot study	Ms. Poonam Desai	2022	Department of Science & Technology WOS-B, Kiran Division	2022	1037200

❖ **Intramural Project: -**

Sr. No.	Title of the Project	Principal Investigator	Tenure Duration	Grant Received Year	Funding Amount
1	Incidence and screening for rhinocerebral mucormycosis and its risk factor in patient with covid-19: a multidisciplinary combined retrospective and prospective cohort study	Dr. Ujjwala Maheshwari	1 Year	2022	500000
2	Quantum dot powered IP-10 Antibody based kit for latent TB and TB antigen Detection (IP19)	Dr. Pradeep Potdar	1 Year	2021	132000
3	The genetic spectrum of thalassemia and its correlation with phenotype	Dr. Parineeta Samant	3 Year	2021	67875
4	Dietary Calcium intake of fractured patient admitted in tertiary care hospital in Navi Mumbai.	Dr. Priyanka Pareek	1 Year	2022	13475
5	Design and development of SiO ₂ -QD based noninvasive system for detection of IP-10 biomarker tuberculosis.	Dr. Raman Yadav	3 Year	2021	6646
6	Quantum dot powered IP-10 antibody based kit for latent TB and TB antigen.	Dr. Raman Yadav	3 Year	2021	20886
7	Isolation of plant derived efflux pump inhibitor and its drug susceptibility potential in plasmodium falciparum	Dr. Raman Yadav	3 Year	2021	885
8	Isolation & Characterization of multifunction molecule from plant and its anti-diabetes potential	Dr. Raman Yadav	3 Year	2021	12733
9	Inhibition study of efflux pump by curcumin and nanocurcumin and its potential in Rifampicin susceptibility in Mycobacterium tuberculosis.	Dr. Raman Yadav	3Year	2021	3089
10	Clinical evaluation of Quantum Dot Powered IP-10 Antibody Based Kit for the diagnosis and differentiation of Latent TB infection from active Pulmonary tuberculosis.	Dr. Raman Yadav	1 Year	2021	1934
11	Differentiation of activity of tuberculosis on basis of detection of secretory lipolytic enzymes of Tubercle bacilli in blood in children.	Dr. Vijay Kamale	3 year	2021	4689
12	Study of plasmodium specific phospholipase A2 levels in children with malaria and co-relation of its level with severity of malaria in children.	Dr. Jeetendra Gavahane	3 Year	2021	23065
13	Comparative study of cytoarchitecture of fetal cerebrum of non-eclamptic and eclamptic mothers	Dr. Anjali Sabnis	3 year	2022	25000

MGMIHS ANNUAL REPORT 2021-22

14	Evaluation of quality of services and gaps in the administrative management of Mahatama Jyotiba Phule Jan Arogya Yojana (A study conducted in Raigad district)	Dr. K.R. Salgotra	3 Year	2022	65000
----	--	-------------------	--------	------	-------

❖ Consultancy Projects (Non Government Funding Agencies)

Sr. No.	Name of the consultancy	Name of advisory / R&D consultancy/clinical trial project	Consulting/Sponsoring agency	Year	Revenue Generated (INR in Rupess)
1	MGM Hospital	Health Service	Care Health Insurance Ltd	2021-2022	1519767
2	MGM Hospital	Health Service	Health India Pvt Ltd	2021-2022	2061402
3	MGM Hospital	Health Service	Inga Helath Foundation	2021-2022	2972002
4	MGM Hospital	MOU of HIV Viral Load & CD4CD8 Count	AIDS Health Foundation - India Cares (AHF) (Jyotish Care Centre)	2021-2022	51623231
5	MGM Hospital	DR TB center	CEO, ZP Raigad, & District National Tuberculosis Elimination Programme society, Raigad (MDRTB)	2021-2022	1744481
6	Blood Bank	Plasma Donation	MGM New Bombay Hospital Vashi	2021-2022	661630
7	MGM Hospital	COVID-19 Hospital	Panvel Municipal Corporation (PMC)	2021-2022	182585770
8	Blood Bank	Plasma Donation	Reliance Life Science Pvt Ltd	2021-2022	1117185
9	MGM Hospital	Health Service	Star Helath & Allied Insurance Co.	2021-2022	3400292
10	MGM Hospital	Skill Lab	ATLC & BLS	2021-2022	728700
11	Biochemistry	Biochemistry	Biochem Monthly collection - Khopoli	2021-2022	3205
12	Biochemistry	Biochemistry	Biochem Monthly collection - Khopoli	2021-2022	985
13	Anatomy	Cadevaric Workshop	Department of Anatomy	2021-2022	991507
14	MGM School of Biomedical Sciences NM	TB Diagnosis, Genexpert , Viral load, Covid RT PCR training , Zebra fish training,	Snehal Shankar Desai (AMITY university mumbai)	2021-2022	5000
15	MGM School of Biomedical Sciences NM	Project work	Irfan Saikia	2021-2022	10000

MGMIHS ANNUAL REPORT 2021-22

16	MGM School of Biomedical Sciences NM	Internship for 1 months (TB Diagnosis, Genexpert , Viral load, Covid RT PCR training , Zebra fish training,)	Pillai College, Panvel	2021-2022	9000
17	MGM School of Biomedical Sciences NM	Internship for 1 months (TB Diagnosis, Genexpert , Viral load, Covid RT PCR training , Zebra fish training,)	Devidayal - Msc Mol RTPCR	2021-2022	5000
18	MGM Centre of Human Movement	Out patient department, MGM Centre of Human Movement Sciences, Navi Mumbai	MGM Centre of Human Movement Sciences, Navi Mumbai	2021-2022	220250
19	Clinical Trial	Randomized double blinded placebo controlled parallel group multicenter phase II/III adaptive clinical trial to assess the safety and immunogenicity of gam-COVID-vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects	JSS (Grapecity)	2021-2022	496059
20	Clinical Trial	A prospective, randomized, two-arm, active-controlled, parallel, multicentre, non-inferiority, phase III clinical trial to assess the efficacy and safety of Amorolfine lotion 0.25% w/v as compared to Amorolfine cream 0.25% w/w in patients with superficial fungal infection of the skin.	Zydus (Grapecity)	2021-2022	199933
21	Clinical Trial	A randomized double blind placebo controlled study evaluating the efficacy & safety of otilimab IV in patient with severe pulmonary COVID 19 related disease.	PPD(Doclin C.)	2021-2022	1387500
22	Clinical Trial	A streamlined, multicenter, randomized, parallel group, double blind placebo controlled, superiority trial to evaluate the effect of EMPAgliflozin on hospitalization for heart failure and mortality in patients with acute myocardial infarction.	Covance	2021-2022	55500

MGMHHS ANNUAL REPORT 2021-22

23	Clinical Trial	A Prospective, Double-blind, Randomized, Parallel-Group, Vehicle-Controlled, Multicenter Study to Evaluate the Safety and Bioequivalence of Mupirocin Cream USP 2% (Supplied by: Glasshouse Pharmaceuticals Limited Canada) using Mupirocin Cream USP 2% (Manufactured by: Glenmark Pharmaceuticals Inc; USA) as a Reference Product, in Subjects with Secondarily Infected Traumatic Skin Lesions	JSS (Grapecity)	2021-2022	84647
24	Clinical Trial	A multicentre, single arm, phase IV clinical trial to evaluate the safety and efficacy of Itolizumab for the treatment of cytokine release syndrome (CRS) in moderate to severe acute respiratory distress syndrome (ARDS) patients due to COVID 19.	IQVIA (Grapecity)	2021-2022	153356
25	Clinical Trial	A Prospective, Multi-centre, Phase IV Study to Assess the Safety, Efficacy and Immunogenicity of BIOSULIN® 30:70 (Insulin Injection, Biphasic Isophane 100 IU/ml of M.J. Biopharm Private Limited) in Treatment of Patients Diagnosed with Type 2 Diabetes Mellitus	Abionene	2021-2022	27625
26	Clinical Trial	A randomized double blind placebo controlled study evaluating the efficacy & safety of otilimab IV in patient with severe pulmonary COVID 19 related disease.	PPD Pharma (Docclin C.)	2021-2022	328557
27	Clinical Trial	Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization, a phase IV study	Siro clinpharm (Ardent Clinical Research)	2021-2022	94041
28	Clinical Trial	A Prospective, Double-blind, Randomized, Parallel-Group, Vehicle-Controlled, Multicenter Study to Evaluate the Safety and Bioequivalence of Mupirocin Cream USP 2% (Supplied by: Glasshouse Pharmaceuticals Limited Canada) using Mupirocin Cream USP 2% (Manufactured by: Glenmark	JSS (Grapecity)	2021-2022	7389

MGMIHS ANNUAL REPORT 2021-22

		Pharmaceuticals Inc; USA) as a Reference Product, in Subjects with Secondarily Infected Traumatic Skin Lesions			
29	Clinical Trial	A prospective, randomized, two-arm, active-controlled, parallel, multicentre, non-inferiority, phase III clinical trial to assess the efficacy and safety of Amorolfine lotion 0.2S% w/v as	Zydus (Grapecity)	2021-2022	10080
30	Clinical Trial	A multicentre, phase III, double-blind, randomized, placebo controlled study to evaluate the efficacy of recombinant BCG VPM1002 in reducing infection incidence and disease severity of sars-cov-2/covid-19 among high-risk subjects	Serum (Dignosearch)	2021-2022	5981006
31	Clinical Trial	A prospective, randomized, two-arm, active-controlled, parallel, multicentre, non-inferiority, phase III clinical trial to assess the efficacy and safety of Amorolfine lotion 0.2S% w/v as compared to Amorolfine cream 0.25% w/w in patients with superficial fungal infection of the skin.	Zydus (Grapecity)	2021-2022	128250
32	Clinical Trial	Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Centre Phase II/III Adaptive Clinical Trial to Assess the Safety and Immunogenicity of Gam-COVID-Vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects	JSS (Grapecity)	2021-2022	630180
33	Clinical Trial	A Phase III, Multicentre, Randomized, Double Blind, Parallel group, Comparative Clinical Study to evaluate Efficacy and Safety of RopivacaineHydrochloride 0.75% (7.5mg/mL) in Dextrose 8% (80mg/mL) injection compared to Bupivacaine Hydrochloride 0.5% (5mg/mL) in Dextrose 8% (80mg/mL) injection for subjects undergoing lower limb orthopaedic surgeries under spinal anaesthesia.	bioshpere	2021-2022	28800

MGMIHS ANNUAL REPORT 2021-22

34	Clinical Trial	A prospective, multi-centre, open label, phase IV study to evaluate safety and efficacy profile of Infimab™ in patients with moderate to severe plaque psoriasis	Reliance (Grapecity)	2021-2022	140036
35	Clinical Trial	A multicentre, single arm, phase IV clinical trial to evaluate the safety and efficacy of Itolizumab for the treatment of cytokine release syndrome (CRS) in moderate to severe acute respiratory distress syndrome (ARDS) patients due to COVID 19	Biocon (Grapecity)	2021-2022	146795
36	Clinical Trial	Randomized double blinded placebo controlled parallel group multicenter phase II/III adaptive clinical trial to assess the safety and immunogenicity of gam-COVID-vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects	JSS (Grapecity)	2021-2022	94770
37	Clinical Trial	A multicentre, phase iii, double-blind, randomized, placebo controlled study to evaluate the efficacy of recombinant BCG VPM1002 in reducing infection incidence and disease severity of Sars-Cov-2/ Covid-19 Among High-Risk Subjects	Serum	2021-2022	500
38	Clinical Trial	A Multicenter, Prospective, Randomized, Double-Blind, Placebo-Controlled study to evaluate the efficacy and safety of Ketorolac 30 mg sublingual tablet in the acute treatment of migraine headache.	Syneos	2021-2022	83333
39	Clinical Trial	RESPIRE - A Randomized, Double-Blind, Placebo-Controlled, Multi-Centre Clinical Trial to Evaluate the Safety and Efficacy of ATR-002 in Adult Hospitalized Patients with COVID-19	Clinexel	2021-2022	83250
40	Clinical Trial	A prospective, randomized, parallel, multicentric, phase III clinical trial to assess the efficacy and safety of Molnupiravir 800 mg capsules and standard of care (soc) compared to standard of care (soc) only in patients with polymerase chain reaction (RT-	Clinenfinity	2021-2022	104643

MGMHHS ANNUAL REPORT 2021-22

		PCR)confirmed Mild Covid-19 infection.			
41	Clinical Trial	A Phase IV, Open-Label, Multi-center Study to Evaluate the Safety of Apixaban in Indian Subjects Undergoing Elective Total Knee Replacement or Total Hip Replacement Surgery	PPD Pharma	2021-2022	75006
42	Clinical Trial	A prospective, multi-centre, open label, phase IV study to evaluate safety and efficacy profile of Infimab™ in patients with moderate to severe plaque psoriasis	Reliance (Grapecity)	2021-2022	376866
43	Clinical Trial	A multicentre, phase III, double-blind, randomized, placebo controlled study to evaluate the efficacy of recombinant BCG VPM1002 in reducing infection incidence and disease severity of sars-cov-2/covid-19 among high-risk subjects	Serum (Diagnosearch)	2021-2022	50000
44	Clinical Trial	A multicentre, phase III, double-blind, randomized, placebo controlled study to evaluate the efficacy of recombinant BCG VPM1002 in reducing infection incidence and disease severity of sars-cov-2/covid-19 among high-risk subjects	Serum (Diagnosearch)	2021-2022	1118230
45	Clinical Trial	A multicentre, single arm, phase IV clinical trial to evaluate the safety and efficacy of Itolizumab for the treatment of cytokine release syndrome (CRS) in moderate to severe acute respiratory distress syndrome (ARDS) patients due to COVID 19.	Biocon (Grapecity)	2021-2022	30303
46	Clinical Trial	A prospective, multi-centre, open label, phase IV study to evaluate safety and efficacy profile of Infimab™ in patients with moderate to severe plaque psoriasis.	Reliance (Grapecity)	2021-2022	77501
47	Clinical Trial	A Phase-III, Multicenter, prospective, double blind, randomized, parallel clinical study evaluating the efficacy, safety tolerability of hetero-tocilizumab in cytokine storm of severe	HETRO (Grapecity)	2021-2022	1163565

MGMIHS ANNUAL REPORT 2021-22

		coronavirus disease (covid-19) pneumonia (T OCICOVID study)			
48	Clinical Trial	Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization, a phase IV study	Siro clinpharm (Reliance)	2021-2022	121500
49	Clinical Trial	Randomized, double-blind, placebo-controlled, parallel-group, multi-centre phase ii/iii adaptive clinical trial to assess the safety and immunogenicity of gam-covid-vac combined vector vaccine for sars-cov-2 infection in indian healthy Subjects	JSS (PPD Pharma)	2021-2022	25002
50	Clinical Trial	Safety and Efficacy of Lipiodol® Ultra Fluid in Association with Surgical Glues during Vascular Embolization, a phase IV study	Siro clinpharm(Ardent clinical Research)	2021-2022	78106
51	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	2021-2022	74250
52	Clinical Trial	Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Centre Phase II/III Adaptive Clinical Trial to Assess the Safety and Immunogenicity of Gam-COVID-Vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects	JSS (Grapecity)	2021-2022	109215
53	Clinical Trial	A multicentre, phase III, double-blind, randomized, placebocontrolled study to evaluate the efficacy of recombinant BCG VPM1002 in reducing infection incidence and disease severity of Sars-cov-2/covid-19 among high-risk subjects	Serum	2021-2022	12000
54	Clinical Trial	A Randomized. active-controlled, double-masked, parallel-group, phase 3 study to compare efficacy and safety of CT-P42 in comparison with eylea in patients with diabetic macular edema	Syneos	2021-2022	27778

MGM IHS ANNUAL REPORT 2021-22

55	Clinical Trial	A Randomized, Double-blind, Parallel Arm, Multicenter Study to Evaluate the Efficacy and Safety of Nitric Oxide Nasal Spray Combined with Standard Supportive Care in Adult non-hospitalized Patients With COVID- 19.	Gelmark (Grapecity)	2021-2022	606492
56	Clinical Trial	A Phase III Randomized, double blind, parallel group, placebo controlled, multi-centre, multinational study to evaluate efficacy and safety of TRC150094 as an add on to standard of care in improving cardiovascular risk in subjects with diabetes, dyslipidemia and hypertension.	IQVIA	2021-2022	100001
57	Clinical Trial	A Phase IV, Open-label, multi-center study to evaluate the safety of apixaban in Indian subjects undergoing elective total knee replacement or total hip replacement surgery	PPD Pharma	2021-2022	50001
58	Ethics Committee MGM Medical College, Abd	A Phase IV, Open-Label, Multi-center Study to Evaluate the Safety of Apixaban in Indian Subjects Undergoing Elective Total Knee Replacement or Total Hip Replacement Surgery	PPD Pharma	2021-2022	25000
59	Ethics Committee MGM Medical College, Abd	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	Invoicep (Pra health)	2021-2022	25000
60	Ethics Committee MGM Medical College, Abd	A randomized double blind placebo control, study evaluating the efficacy & safety of otilimab 4 IV in patients with severe pulmonary covid 19 related disease.	Hetro	2021-2022	150000

MGM IHS ANNUAL REPORT 2021-22

61	Ethics Committee MGM Medical College, Abd	A Randomized, Open Label, Single Centre, Observational, Prospective, Clinical Study to Evaluate the Efficacy and Safety of GanjhuVir syrup and tablet when administered along with Standard of Care (SOC) and compared against SOC in Covid-19 positive patients.	Ardent	2021-2022	90000
62	Ethics Committee MGM Medical College, Abd	Opaganib, a Sphingosine Kinase-2 (SK2) Inhibitor in COVID-19 Pneumonia: a Randomized, Double-blind, Placebo-Controlled Phase 2/3 Study, in Adult Subjects Hospitalized with Severe SARS-CoV-2 Positive Pneumonia	JSS	2021-2022	25000
63	Ethics Committee MGM Medical College, Abd	A Randomized, Double-Blind, Double-Dummy, Multiple-Dose, 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.	Cliantha	2021-2022	60000
64	Ethics Committee MGM Medical College, Abd	A Prospective, Multicenter, Randomized, Comparative, Parallel Group Clinical Study to Compare the Efficacy, Pharmacokinetics, Pharmacodynamics, Immunogenicity and Safety of Intravenous Injection of Tenecteplase (Hetero Biopharma Limited) and Reference Medicinal Product (RMP-Tenecteplase, Boehringer Ingelheim) in Adults for the Thrombolytic Treatment of Suspected Myocardial Infarction with Persistent ST Elevation	Hetero	2021-2022	75000
65	Ethics Committee MGM Medical College, Abd	A Phase-III, Multicenter, Prospective, Double Blind, Randomized, Parallel Clinical Study Evaluating The Efficacy, Safety And Tolerability of Hetero-Tocilizumab In Cytokine Storm of Severe Coronavirus Disease (Covid-19) Pneumonia (TOCICOVID)	Hetro	2021-2022	75000

MGM IHS ANNUAL REPORT 2021-22

66	Ethics Committee MGM Medical College, Abd	A prospective, randomized, parallel, multicentric, Phase II clinical trial to assess the efficacy and safety of molnupiravir 800 mg capsules 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.	JSS	2021-2022	75000
67	Ethics Committee MGM Medical College, Abd	A Phase-III, Multicenter, Prospective, Double Blind, Randomized, Parallel Clinical Study Evaluating The Efficacy, Safety and Tolerability of Hetero-Tocilizumab In Cytokine Storm of Severe Coronavirus Disease (Covid-19) Pneumonia (TOCICOVID Study)	Hetero	2021-2022	75000
68	Ethics Committee MGM Medical College, Abd	PHIV/MJBPL/Phas IV/2019A Prospective, Multi-center, Phase IV Study to Assess the Safety, Efficacy and Immunogenicity of BIOSULIN® 30:70 (Insulin Injection, Biphasic Isophane 100 IU/ml of M.J. Biopharm Private Limited) in Treatment of Patients Diagnosed with Type 2 Diabetes Mellitus.	Abiogenesis	2021-2022	60000
69	Ethics Committee MGM Medical College, Abd	SB-IND-CT-002 A Phase III, Prospective, Randomized, Open Label, Comparative, Parallel Group, Multicenter Clinical Study to Evaluate the Efficacy, Safety and Tolerability of Test Product, Fixed Dose Combination of Vildagliptin and Pioglitazone Hydrochloride Tablets 50mg/15mg of USV Private Limited., India with concomitant administration of Reference Products, Galvus® 50mg tablets (Vildagliptin) of Novartis Pharmaceuticals UK Ltd., and Pioglit® 15mg tablets (Pioglitazone Hydrochloride) of Sun Pharmaceutical Industries Ltd., India in Patients with Type 2 Diabetes Mellitus Inadequately Controlled on Metformin Monotherapy	USV pvt ltd	2021-2022	60000

MGM IHS ANNUAL REPORT 2021-22

70	Ethics Committee MGM Medical College, Abd	Multi-centre, cross sectional, epidemiological study to characterize the prevalence and distribution of lipoprotein (a) levels among patients with established cardiovascular diseases	Novartis	2021-2022	24863
71	Ethics Committee MGM Medical College, Abd	A randomized double-blind, placebo-controlled, multicenter trial assessing the impact of lipoprotein (a) lowering with TQJ230 on major cardiovascular events in patients with established cardiovascular disease	Novartis	2021-2022	24862
72	Ethics Committee MGM Medical College, Abd	Opaganib, a Sphingosine Kinase-2 (SK2) Inhibitor in COVID-19Pneumonia: a Randomized, Double-blind, Placebo-Controlled Phase 2/3 Study, in Adult Subjects Hospitalized with Severe SARS-CoV-2 Positive Pneumonia	Troikaa pharma	2021-2022	59999
73	Ethics Committee MGM Medical College, Abd	Opaganib, a Sphingosine Kinase-2 (SK2) Inhibitor in COVID-19Pneumonia: a Randomized, Double-blind, Placebo-Controlled Phase 2/3 Study, in Adult Subjects Hospitalized with Severe SARS-CoV-2 Positive Pneumonia	BIOPRAXIS	2021-2022	30000
74	Ethics Committee MGM Medical College, Abd	A Randomized. Active-Controlled, Double-Masked, Parallel-Group, Phase 3 Study to Compare Efficacy and Safety of CT-P42 in comparison with Eylea in Patients with Diabetic Macular Edema	Syneos	2021-2022	27778
75	Ethics Committee MGM Medical College, Abd	A prospective, single-center, open-label, randomized, parallel group, activecontrolled clinical study to evaluate the efficacy and safety of cefpodoxime Proxetil 200 mg +Clavulanic acid 125 mgversus Amoxicillin 500 mg + Clavulanic acid 125 mg in the treatmentof patients with upper respiratory tract infections.	IQVIA RD	2021-2022	22500
76	Ethics Committee MGM Medical College, Abd	A randomized, double-blind, parallel arm, multicenter study to evaluate the efficacy and safety of nitric oxide nasal spray combined with standard supportive care in adult non-hospitalized patients with COVID- 19	Glenmark	2021-2022	75000

MGMIHS ANNUAL REPORT 2021-22

77	Ethics Committee MGM Medical College, Abd	Randomized, double-blind, placebo-controlled, parallel-group, multi-centre Phase II/III Adaptive Clinical Trial to Assess the Safety and Immunogenicity of Gam-COVID-Vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects	Dr. Reddy	2021-2022	75000
78	Ethics Committee MGM Medical College, Abd	A Randomized, double-blind, multicenter, three-arm, active and placebo-controlled, parallel study to evaluate the bioequivalence (with Clinical Endpoint) of Mupirocin Cream USP, 2% (Cadila Healthcare Ltd, India) to Mupirocin Cream USP, 2% (Glenmark Pharmaceuticals Inc., USA) in Subjects with Secondarily Infected Traumatic Skin Lesions	Cadila /Cliantha	2021-2022	75000
79	Ethics Committee MGM Medical College, Abd	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.	Cadila /Cliantha	2021-2022	75000
80	Ethics Committee MGM Medical College, Abd	Randomized, Multicenter, Single-dose, Two-treatment, Single-period, Parallel, Bioequivalence Study of Mylan's Paliperidone Prolonged release Suspension for Injection, 175 mg and Janssen-Cilag's Trevicta® prolonged release suspension for injection, 175 mg in Subjects with Schizophrenia	Mylan	2021-2022	75000
81	Ethics Committee MGM Medical College, Abd	A Randomized, Double-blind, Parallel Arm, Multicenter Study to Evaluate the Efficacy and Safety of Nitric Oxide Nasal Spray Combined with Standard Supportive Care in Adult non-hospitalized Patients With COVID- 19	Glenmark	2021-2022	24999
82	Ethics Committee MGM Medical College, Abd	A Randomized, Single Blind, Placebo Controlled, Phase 2 Clinical Trial to Evaluate the Efficacy and Safety of Ursodiol Injection 625mg/25ml(25mg/ml)	Shilpa/ Abiogene	2021-2022	75000

MGMIHS ANNUAL REPORT 2021-22

		in Adults with moderate COVID 19 patients at a dose of 1750mg/day via intravenous infusion.			
83	Ethics Committee MGM Medical College, Abd	Efficacy & safety of Hydroxychloroquine & atorvastatin combination in prevntion of Diabetes in patients with Dyslipidemia & Pr-diabetes: A double blind, Randomized comparison with Atorvastatin alone.	ECRON ACUNOV	2021-2022	75000
84	Ethics Committee MGM Medical College, Abd	An openJabel, multi centre randomised, odaptive study on the sofety ond elficacy ofseveral therapies, including antiviral therapies, versus control in mild coses of Covid-79	DNDI/ Qascent	2021-2022	75000
85	Ethics Committee MGM Medical College, Abd	Safety and Efficacy of Transarterial Chemoembolization with Lipiodol® in the treatment of inoperable Hepatocellular Carcinoma (HCC) in Indian Patients: Phase IV Clinical Trial	Siro/ Clinpha	2021-2022	27778
86	Ethics Committee MGM Medical College, Abd	A streamlined, multicenter, randomized, parallel group, double blind placebo controlled, superiority trial to evaluate the effect of EMPAgliflozin on hospitalization for heart failure and mortality in patients with acute myocardial infarction.”	Labcorp	2021-2022	25000

❖ Patent Published and Granted: -

Sr. No.	Name of the Patenter	Patent Number	Title of the Patent	Applicati on Date	Published Date	Granted
1	Yadav Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Kadam, Nitin Nanasaheb, Bhagit, Amita Anant.	20172104 0727A	Quantum dot powered IP-10 antibody-based kit for latent TB and TB antigen detection	15.11.2017	01.12.2017	22.11.2019 (Granted)
2	Thakur Mansee, Babruvahan Pandurang Ronge, Patil Yogesh, Prashant Maruti Pawar, Meenakshi Pawar	318667-001	Design Patent - Laboratory tool- for Electrophoresis	12.06.2017	12.06.2019	16.06.2021 (Granted)
3	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	3620/MUM/2015	Micro-trenchbased biochip device for screening of infectious diseases using metal nano partilces/nano coating	23.09.2015	05.02.2016	26.12.2022 (Granted)
4	Innovation and Incubation Centre, MGMIHS, Dr. Ipseeta Ray	201921053266A	Polyherbal composition having dipeptidyl peptidase-4 inhibitory effects	20.12.2019	03.01.2020	Published
5	Nishnant Kathpal, Rupesh Pakhare Chetan Pakhare, Yash Gupte ,Bhallamudi Ravi , Rajani Mullerpatan	201921033581	A device for assisting human walking	21.08.2019	26.02.2021	Published
6	Suri V K, Thakur Mansee, Khedkar Sanotsh, Singh Indra Vijay, Rao Muralidhara Nakka, Patil Yogesh, Kadam Sudhirchandra, Gupta Himanshu, Shriram Prajyot P, Dogga Bharadwaj S, Chhabra S Harpreet, Chavan Prashant R,	201721023794 A	A Biological Safety Cabinet and a Kit Thereof	06.07.2017	11.01.2019	Published
7	V. K. Suri, Santosh Narayan Khedekar, Indra Vijay Singh, Nakka Muralidhara Rao, Yogesh Patil, Sudhirchandra Kadam, Mansee Thakur	201721023124 A	Sensor based inflatable Device	30.06.2017	05.04.2019	Published

MGMIHS ANNUAL REPORT 2021-22

8	Yadav Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Bhagit Amita Anant.	201721018037A	Bioreactor for very fast generation of multifunctional fluorescent nanoparticles	23.05.2017	16.06.2017	Published
9	Yadav Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Bhagit Amita Anant. Mhatre, Sveeta Vishnu.	3616/MUM/2015A	Biogenic method for generation of multiple nanoparticles (Zn, Fe, Mg, Ca, Ce, Si, Ag).	23.09.2015	09.10.2015	Published
10	Yadav, Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Bhagit Amita Anant, Mhatre Sveeta Vishnu.	2685/MUM/2015A	Biogenic method for generation of monodisperse and fluorescent cerium oxide nanoparticles with enhanced antioxidant activity.	15.07.2015	31.07.2015	Published
11	Yadav Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Bhagit Amita Anant, Mhatre Sveeta Vishnu.	1948/MUM/2015A	Method for the synthesis of bifunctional cerium oxide nanoparticle with enhanced antioxidant and carbonic anhydrase inhibitory activity.	18.05.2015	05.06.2015	Published
12	Yadav Raman Prasad, Kadam, Sudhirchandra Nanasaheb, Bhagit Amita Anant. and Mhatre Sveeta Vishnu.	1949/MUM/2015A	Preparation comprising a pancreatic lipase inhibitory fraction an anti-obesity principle obtained from dietary spice Mesuaferrea.	18.05.2015	05.06.2015	Published
13	Amit Maurya Rajani Mullerpatan, Bhallamudi Ravi, Ghyar Rupesh	Application No. 1431/MUM/2015 Patent No. 406313	A Device for Measuring Mechanical properties of Tissues	06.04.2015	-	Applied
14	Jadhav Kavita Tanaji, Mathai Aishwarya Rajiv, Mistry Disha Govind	Application No. 202321011398	Soya Flour Based Nutritious Protein Bar	20.02.2023	-	Applied
15	Chandran Arathi, Jacob Susan	Application No. 202321026030	An Upper Limb Restrainer	06.04.2023	-	Applied

❖ Copyrights Registered: -

Sr. No.	Invention Title	Name of Inventors	Copyright Application No.	Date of Filing	Registration Date
1.	Information booklet of prevention of heart attack - language English	Dr. Shubhangi Jadhav Dr. Prabha Dasila	L-109527/2021	07.09.2021	21.12.2021
2.	Information booklet on care after acute coronary syndrome in language Hindi	Dr. Gargee Karadkar Dr. Prabha Dasila	L-109526/2021	07.09.2021	21.12.2021
3.	MGM Ground level activity exposure questionnaire - Brief English Version	Dr. Bela Agarwal Dr. Rajani Mullerpatan	L-109398/2021	06.08.2021	17.12.2021
4.	Information booklet of prevention of heart attack - language Marathi	Dr. Shubhangi Jadhav Dr. Prabha Dasila	L-109105/2021	07.09.2021	18.11.2021
5.	Information booklet of prevention of heart attack - language Hindi	Dr. Shubhangi Jadhav Dr. Prabha Dasila	L-109104/2021	07.09.2021	18.11.2021
6.	MGM reference values for kinematics of aramandi in Indian Classical Bharatanatyam Dancers	Dr. Rajani Mullerpatan	L-108781/2021	06.08.2021	29.10.2021
7.	Wrist health quality assessment score	Dr. Satyam Bhodaji Dr. Ruchika Jaiswal Dr. Aditi Pathak	L-107866/2021	21.08.2021	24.09.2021
8.	Observation checklist to assess the discharge practice of nurses for acute coronary syndrome patients	Dr. Gargee Karadkar Dr. Prabha Dasila	L-107763/2021	10.07.2021	22.09.2021
9.	Model for early intervention in infants at high risk of developmental delay	Dr. Namrata Sant Dr. Pallavi Palaskar Dr. Rinkle Malani	L-107233/2021	10.07.2021	03.09.2021
10.	Advanced physiotherapeutic guidelines for conservative management of ERBS Palsy in pediatric population	Dr. Namrata Sant Dr. Pallavi Palaskar Dr. Rinkle Malani	L-107088/2021	08.07.2021	01.09.2021
11.	Structured questionnaire to assess the knowledge of nurses regarding ventilator associated pneumonia and its prevention	Dr. Savia Fernandes Dr. Prabha Dasila	L-107026/2021	09.07.2021	27.08.2021
12.	Delphi technique: A process of designing intra hospital transport appurtenance	Ms. Richa Sharma Dr. Prabha Dasila	L-106974/2021	12.07.2021	26.08.2021
13.	Menstrual health questionnaire	Dr. Satyam Bhodaji Ms. Akanksha Kulkarni	L-106815/2021	14.07.2021	24.08.2021
14.	A modern pain neuroscience education approach for chronic low back pain	Dr. Vaibhavi Walimbe Dr. Yash Kulkarni Dr. Rinkle Malani	L-106327/2021	08.07.2021	13.08.2021
15.	A six days advanced pain neuroscience education (PNE) approach for knee osteoarthritis	Dr. Vaibhavi Walimbe Dr. Apurva Deolankar	L-106324/2021	08.07.2021	12.08.2021

MGMIHS ANNUAL REPORT 2021-22

		Dr. RinkleMalani Dr. Tajuddin Chitapur			
16.	Imposter centric movement therapy protocol	Dr. Pooja Kumari Mahaseth Dr. Tushmeetkaur Bhatia Dr. Pooja Motar	L-106317/2021	02.06.2021	12.08.2021
17.	Recent advances in disability evaluation	Dr. Sahith Ernyakula	L-106127/2021	29.06.2021	06.08.2021
18.	Physiotherapeutic protocol bell's palsy	Dr. Namrata Sant Dr. Pallavi Palaskar	L-106016/2021	30.06.2021	03.08.2021
19.	Effectiveness of telerehabilitation in plantar fasciitis	Dr. Nidhi Sharma Dr. RinkleMalani	L-106014/2021	30.06.2021	03.08.2021
20.	Standard operating procedures – matrix rhythm therapy in spastic diaplegic cerebral palsy	Dr. Namrata Sant Dr. Pallavi Palaskar Dr. Rinkle Malani	L-105871/2021	21.06.2021	29.07.2021
21.	Home exercise program for cerebral palsy	Dr. Namrata Sant Dr. Rinkle Malani	L-105870/2021	21.06.2021	29.07.2021
22.	Recent advances in osteoarthritis of knee comprehensive rehabilitation program	Dr. Tajuddin Chitapure	L- 105747/2021	21.06.2021	23.07.2021
23.	Multisensory training protocol	Dr. Pooja Kumari Mahaseth	L-105743/2021	21.06.2021	23.07.2021
24.	Notion centric movement therapy	Dr. Pooja K Mahaseth Dr. Rinkle Malani Dr. Tushmeet K Bhatia Dr. Pooja Motar	L-105730/2021	02.06.2021	23.07.2021
25.	MGM reference values for anthropometric measurements among individuals ages 5-65 years	Dr. Rajani Mullerpatan Dr. Triveni Shetty Dr. Bela Agarwal	L-105704/2021	21.05.2021	23.07.2021
26.	MGM reference values for kinematics and muscle activity during suryanamaskar	Dr. Rajani Mullerpatan Dr. Triveni Shetty Dr. Bela Agarwal	L-105719/2021	21.05.2021	23.07.2021
27.	MGM reference values for foot geometry and pressure distribution of Indian Classical Bharatanatyam Dancers	Dr. Rajani Mullerpatan	L-105701/2021	21.05.2021	23.07.2021
28.	Child health care questionnaire	Dr. Satyam Bhodaji Dr. Asawari Patil Dr. Ekta Kharde	L-105676/2021	21.06.2021	22.07.2021
29.	Comparative study on nutritional status of elderly living in old age home and with family	Ms. Sabah Ghare Dr. Priyanka Pareek	L-105432/2021	04.06.2021	14.07.2021
30.	Formulation and evaluation of under eye cream based on traditional herbs	Ms. Kajal Jadhav Ms. Durga Madasu Dr. Mansee Thakur	L-105477/2021	04.06.2021	14.07.2021

MGMHS ANNUAL REPORT 2021-22

31.	Fat consumption pattern of cardiovascular disease patients	Ms. Ilaf Syed Dr. Priyanka Pareek	L-105431/2021	04.06.2021	14.07.2021
32.	A study on knowledge about nutrition during pregnancy and infant young child feeding practice among pregnant ladies	Mr. Siddiqui Nida Dr. Priyanka Pareek	L-105171/2021	04.06.2021	06.07.2021
33.	Risk factors of noncommunicable diseases among the paramedical students studying in an Institute of Navi Mumbai	Ms. Fatema Qutbuddin Bohri Dr. Priyanka Pareek	L-105168/2021	04.06.2021	06.07.2021
34.	Assessment of body composition of hemodialysis patients	Ms. Janvi Ghoricha Dr. Aditya Nayak Dr. Priyanka Pareek	L-105170/2021	04.06.2021	06.07.2021
35.	Evidence based practice for lateral epicondylalgia	Dr. Tushmeet Kaur Bhatia	L-105049/2021	02.06.2021	05.07.2021
36.	Development of polymerase chain reaction-based assay for early detection of bacterial blight of pomegranate	Dr. Mansee Thakur Mr. Yogesh Patil Mr. Tarun Parihar	L-104348/2021	05.05.2021	10.06.2021
37.	Detection isolation and characterization of enterobacter SPP from the drinking water sources of morbe dam Navi Mumbai	Ms. Sonali Shivalkar Dr. Harapriya Kar Dr. Mansee Thakur	L-104396/2021	06.05.2021	11.06.2021
38.	Low cost indigenous DNA detection system for Tuberculosis	Dr. Mansee Thakur Dr. V K Suri Mr. Yogesh Patil	L-104314/2021	05.05.2021	10.06.2021
39.	Study of antibiotic resistance pattern in klebsiella pneumoniae isolates from morbe dam in Navi Mumbai	Dr. Himanshu Gupta Mr. Kunika Wavale Dr. Harapriya Kar	L-104349/2021	05.05.2021	10.06.2021
40.	Formulation and evaluation of natural under eye cream for dark circles	Ms. Pratiksha Kshirsagar Ms. Durga Madasu Dr. Mansee Thakur	L-104213/2021	06.05.2021	08.06.2021
41.	Formulation characterization and invitro evaluation of herbal sunscreen cream containing flower extract	Ms. Rutuja Bhide Ms. Durga Madasu Dr. Mansee Thakur	L-104211/2021	06.05.2021	08.06.2021
42.	Isolation, characterization of multidrug resistance shigella SPP from drinking water source, Morbe Dam, Navi Mumbai.	Ms. Shweta Shinde Dr. Harpriya Kar Dr. Himanshu R Gupta	L-104208/2021	06.05.2021	08.06.2021
43.	Antibiotic resistance profiling of escherichia coli in drinking water source from Morbe Dam in Navi Mumbai	Dr. Mansee Thakur Dr. Harapriya Kar Ms. Pooja Singh	L-104224/2021	05.05.2021	08.06.2021
44.	Assessment of binocular visual functions in undergraduate student of Medical Laboratory Technology and Optometry Courses	Ms. Vidula Patil Dr. Syed Faraaz Hussain Mr. Rohit Indrakumar Gupta	L-104225/2021	05.05.2021	08.06.2021

MGMIHS ANNUAL REPORT 2021-22

45.	Distribution and Characterization of Salmonella SP isolates from Morbe Dam water in Navi Mumbai	Dr. Himanshu Gupta Dr. Mansee Thakur Dr. Harapriya Kar Mr. Smit Joshi	L104223/2021	05.05.2021	08.06.2021
46.	Biosynthesis of silver nanoparticles using mushroom extract and its toxicity assessment in zebrafish embryos	Dr. Himanshu Gupta Mr. Sarvesh Jadhav	L-104146/2021	05.05.2021	07.06.2021
47.	Development of chemically induced in vivo diabetes mellitus model in Zebrafish	Dr. Himanshu Gupta Ms. Sanskruti Thakur	L-104144/2021	05.05.2021	07.06.2021
48.	Prevalence of pseudomonas aeruginosa and its drug resistance assessment from drinking water source in Navi Mumbai	Dr. Mansee Thakur Dr. Harapriya Kar Ms. Ayesha Shaikh	L-104145/2021	05.05.2021	07.06.2021
49.	MGM Reference values for center of pressure (COP) trajectory in quiet stance among healthy Indian people aged 7-65 years.	Dr. Rajani Mullerpatan Dr. Triveni Shetty	L-103788/2021	19.03.2021	27.05.2021
50.	MGM Reference values for gait kinematic variables in healthy Indian Adults	Dr. Rajani Mullerpatan Dr. Triveni Shetty Dr. Bela Agarwal	L-103652/2021	22.03.2021	25.05.2021
51.	A questionnaire on awareness and prevention of exercise deficit disorder among parents	Dr. Bodhisattva Dass Dr. Kunal Nagwani Dr. Rahul Pokharna Dr. Yash Kulkarni	L-102728/2021	22.02.2021	30.04.2021
52.	Standard Operating Procedure for active passive trainer	Dr. Pallavi Palaskar Dr. RinkleMalani	L-102619/2021	17.02.2021	29.04.2021
53.	Standard Operating Procedure for early intervention in Neonatal Intensive Care Unit and after discharge from NICU	Dr. Pallavi Palaskar Dr. Rinkle Malani	L-100507/2021	27.01.2021	19.03.2021
54.	Reference values for hand grip and pinch strength for healthy Indian Adults	Dr. Rajani Mullerpatan Dr. Mamta Shetty	L-100130/2021	04.09.2020	06.03.2021

❖ Incentive for publication: -

Sr. No.	Name of Author	Department	Campus	Total Amount
1.	Darpan Kaur	Psychiatry	Navi Mumbai	5,000.00
2.	Moni Mukesh Udani	Dermatology	Navi Mumbai	10,000.00
3.	Swapnil Gosavi	ENT	Navi Mumbai	5,000.00
4.	Sivasubramaniam Nagarajan	ENT	Navi Mumbai	5,000.00
5.	Nimain Mohanty	Pediatrics	Navi Mumbai	10,000.00
6.	Rajani P Mullerpatan	Physiotherapy	Navi Mumbai	20,000.00
7.	Badade Z G	Biochemistry	Navi Mumbai	10,000.00
8.	Yadav Raman P	Biotechnology	Navi Mumbai	10,000.00
9.	Bageshree Set	Pediatrics	Navi Mumbai	5,000.00
10.	Maninder S Setia	MGMIHS	Navi Mumbai	15,000.00
11.	Mansee Thakur	Biotechnology	Navi Mumbai	10,000.00
12.	Piyush Sahu	Pathology	Navi Mumbai	10,000.00
13.	Madhavi Mankar	Community Medicine	Navi Mumbai	5,000.00
14.	Shylaja Someshwar	Dermatology	Navi Mumbai	10,000.00
15.	Phiske Meghana	Dermatology	Navi Mumbai	5,000.00
16.	Anjali Sabnis	Anatomy	Navi Mumbai	20,000.00
17.	Prakash Mane	Anatomy	Navi Mumbai	5,000.00
18.	Priyanka Amonkar	Pediatrics	Navi Mumbai	10,000.00
19.	Misra Snigdha	Pharmacology	Navi Mumbai	5,000.00
20.	Jeetendra Gavhane	Pediatrics	Navi Mumbai	10,000.00
21.	Bela Agarwal	Physiotherapy	Navi Mumbai	10,000.00
22.	Sunil Sharma	OBGY	Navi Mumbai	5,000.00
23.	P N Khandelwal	Pharmacology	Navi Mumbai	5,000.00
24.	Shah Akshay	Microbiology	Navi Mumbai	10,000.00
25.	Rinkle Hotwani	Physiotherapy	Aurangabad	70,000.00
26.	Namrata Sant	Dermatology	Aurangabad	5,000.00
27.	Pallavi Palaskar	Physiotherapy	Aurangabad	25,000.00
28.	Tajuddin Chitapure	Physiotherapy	Aurangabad	20,000.00
29.	Abhay Mahajan	Urology	Aurangabad	10,000.00
30.	Vidyanand Deshpande	Surgery	Aurangabad	10,000.00
31.	Bhale Chandrashekhar	Pathology	Aurangabad	5,000.00
32.	Savita Kadam	Anatomy	Aurangabad	10,000.00
33.	Sadhana Kulkarni	Emergency Medicine	Aurangabad	10,000.00
34.	Krishna B. Gawande	Physiotherapy	Aurangabad	5,000.00
35.	Vaibhavi Walimbe	Physiotherapy	Aurangabad	10,000.00
36.	Pooja Kumari Mahaseth.	Physiotherapy	Aurangabad	20,000.00
37.	Pooja Motar	Physiotherapy	Aurangabad	20,000.00
38.	Junneshwar Bidve	Physiotherapy	Aurangabad	15,000.00
39.	Rekha Marbate	Physiotherapy	Aurangabad	10,000.00
40.	Nawaj Pathan	Physiotherapy	Aurangabad	20,000.00
41.	Tushmeetkaur Bhatia	Physiotherapy	Aurangabad	5,000.00
42.	Rathi Amey Jayant	Dental	Aurangabad	15,000.00

-: Award: -

❖ **Incentive for Best Scientific Paper – 2021**

The Best Scientific Paper Award Committee has selected the following authors for the award of Best Scientific Paper for the year 2021

• **MGMIHS Best Scientific Paper Award – Faculty:**

Dr. Sadhana Kulkarni, Professor & Head Department of Emergency Medicine, MGM Medical College, Aurangabad was awarded of Rs. 25,000/- with certificate.

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

Dr. Muthuchitra Rajendran Padian, PhD, Student, MGM Medical College, Navi Mumbai, was awarded Rs. 15,000/- with Certificate.

❖ **Fellowship:-**

1. Dr. Kavita More was awarded GSMC-FAIMER Regional Institute Fellowship in Medical Education by G.S Medical College, Mumbai
2. Dr. Priti Arjunrao Sarode was awarded Fellowship in Critical Care Medicine by MGM Medical College, Aurangabad
3. Dr. Mayuri Madhusudan Bahegavankar was awarded Fellowship in Critical Care Medicine by MGM Medical College, Aurangabad
4. Dr. Jatal Supriya Sopanrao was awarded Fellowship in Clinical Nephrology by MGM Medical College, Aurangabad
5. Dr. Tidke Pallvi Valmik was awarded Fellowship in Minimal Invasive Gynecological Surgery by MGM Medical College, Aurangabad
6. Dr. Bhamre Aakash Sudhir was awarded Fellowship in Basic Gastrointestinal Endoscopy and Laparoscopic Surgery by MGM Institute of Health Sciences, Navi Mumbai
7. Dr. Pohekar Jaishree Abhay, was awarded Fellowship in Health Care Associate Infection, by MGM Medical College, Aurangabad
8. Dr. Ankita Anil Kumar Joshi was awarded Fellowship in Cardiac Anaesthesia, MGM Institute of Health Sciences, Navi Mumbai
9. Dr. Mayank Rakesh Dhir was awarded Fellowship in Critical Care Medicine, MGM Institute of Health Sciences, Navi Mumbai
10. Dr. Radhika Puntambekar Subhash was awarded Fellowship in Reproductive Medicine, MGM Institute of Health Sciences, Navi Mumbai
11. Dr. Mirani Meet Girish was awarded Fellowship in CT & MRI, MGM Institute of Health Sciences, Navi Mumbai

12. Dr. Naresh Kulkarni was awarded Fellowship Advanced Histopathology by MGM Institute of Health Sciences, Navi Mumbai.
13. Dr. Shweta Bhatia was awarded Fellowship in Minimal Invasive Gynecological Surgery by MGM Institute of Health Sciences, Navi Mumbai
14. Dr. Pradnya Dongargaonkar was awarded Reproductive Medicine Department of OBGY by MGM Institute of Health Sciences, Navi Mumbai.

❖ **Recognition and award at National and International Level:-**

1. Mr. Prithviraj Maruti Enande: PhD Scholar, Department of Pharmacology, MGM Medical College, Navi Mumbai. Third prize for best paper presentation at Anveshan: 2021-22 AIU-National students Research convention 2022, 27-28th March 2022, Chennai.
2. Ms. Pooja Sharma: PhD Scholar, Department of Microbiology, MGM Medical College, Navi Mumbai, Second prize for the best paper presentation at National Conference MiCON 2022 Advance Microbiology, 2nd February 2022, Mangaluru.
3. Ms. Anamika Mahesh Chalwadi: PhD Scholar, Department of Microbiology, MGM Medical College, Navi Mumbai, Second prize for the Oral Presentation at National Conference MiCON 2022 Advance Microbiology, 2nd February 2022, Mangaluru.
4. Dr. Pawan Nimbhorkar: MD Student, Department of Family Medicine, MGM Medical College, Navi Mumbai, Firth prize for poster presentation at 76th Annual Conference of Bombay Medical Congress, 26-27th March 2022, NHS Asvini, Colaba, Mumbai.
5. Dr. Abha Shah: MS Student, Department of Ophthalmology, MGM Medical College, Navi Mumbai, First Prize for Case Presentation at Medical Haridaya, 2-6th June 2022, Terna Medical College, Navi Mumbai.
6. Dr. Jesmin Alex: MS Student, Department of Ophthalmology, MGM Medical College, Navi Mumbai, Second prize for paper presentation at Medical Haridaya, 2-6th June 2022, Terna Medical College, Navi Mumbai.
7. Dr. Jesmin Alex: MS Student, Department of Ophthalmology, MGM Medical College, Navi Mumbai, Second prize for case presentation at Medical Haridaya, 2-6th June 2022, Terna Medical College, Navi Mumbai.
8. Dr. Yashraj Sapkal: MS Student, Department of Surgery, MGM Medical College, Aurangabad, Second prize for poster presentation at 4th Annual Conference of Vidarbha Surgeons Association, 4th -5th 2022, Akola.
9. Dr. Bhagayshree Seth: Professor, Department of pediatrics, MGM Medical College, Navi Mumbai, First prize for paper presentation at 21st National Conference of the Academy of pediatrics Neurology, Government Medical College, Srinagar, J&K in Association with Indian Academy of Pediatrics, Kashmir, 9th -11th September 2022

❖ MGM Research Fellowship and Financial Support for PhD Student:

Sr. No.	Name of the Student	Name of the award	Year of award of fellowship	Designation	Financial support
1	Kulkarni Noopur Sudhakar	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
2	Shouvik Mandal	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
3	Khule Kamlesh Uttam	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
4	Mogal Vajed Rahim	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
5	Sarika Gadekar	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
6	Arti Prakash Moholkar	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	15000
7	Shamshad Ather	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	32500
8	Saili Umesh Jadhav	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
9	Mishra Siddharth Satish Kumar	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
10	Mamta S Shetty	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
11	Sawant Bhoomika Deepak	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
12	Gaurav Mhaske	Support for Advance Studies (PhD)	2021	Faculty - PhD Student	40,000
13	Akanksha Chauhan	PhD-Fellowship	2019	PhD Student	120,000
14	Shruti Bhuwad	PhD-Fellowship	2019	PhD Student	120,000
15	Pooja Vishvakarma	PhD-Fellowship	2019	PhD Student	120,000
16	Prithviraj Erande	PhD-Fellowship	2019	PhD Student	120,000
17	Akshay Meshram	PhD-Fellowship	2019	PhD Student	120,000
18	Prakash Truwa	PhD-Fellowship	2019	PhD Student	120,000
19	Preeti Padvi	PhD-Fellowship	2020	PhD Student	120,000
20	Mrudhula Mishra	PhD-Fellowship	2020	PhD Student	120,000
21	Sanjana Thuruthel	PhD-Fellowship	2019	PhD Student	120,000
22	Alisha A Bhangle	PhD-Fellowship	2019	PhD Student	120,000
23	Harshita Mohanty	PhD-Fellowship	2019	PhD Student	120,000
24	Madhubala Nair	PhD-Fellowship	2020	PhD Student	120,000
25	Shamshad Ather	PhD-Fellowship	2020	PhD Student	120,000
26	Poonam Desai	PhD-Fellowship	2019	PhD Student	120,000
27	Manasvi Sharma	Fellowship	2021	Junior Research	300,000

❖ Financial Support for Participation in Scientific Meeting/Conference /Symposium

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	Dr. Uttara Deshmukh	National Conference of Orthotics prosthetics association of Indian Panjim, Goa	2022	Paper presented	15479
2	Dr. Siddharth Dubhashi	Webminar on circular Aspects of Health	2021	Speakers	10,000
3	Dr. Ravindra Inamdar	Webminar on circular Aspects of Health	2021	Speakers	5,000
4	Dr. Shagufta Tahir Mufi	National Webminar on problem-based learning innovation	2021	Speakers	10,000
5	Dr. Rita Khadkikar Dr. Kavita More	Workshop of NAAC	2021	Participated	5,000
6	Dr. Nitin Shukla	Institution's Innovation Council related event Problem Solving and ideation	2022	Speakers	2,500
7	Dr. Apporva Dr. Yogesh Patil Dr. Esha Dr. Sanjana Philip Dr. Prithviraj Enrande	Best Five Scientific Poster for Anveshan National	2022	poster Presentation	2,500
8	Dr. Sabita Ram	Reimbursement for Certificate Course in innovation, IPR Strat-up & Entrepreneurship CIISE	2021	Participated	18,000
9	Dr. Uttara Deshmukh	CRE	2021	Organized	2,132
10	Dr. Uttara Deshmukh	Myoelectric Workshop	2022	Organized	34,056
11	Dr. Rahul Bawankule	Workshop of AISHE	2021	Participated	2,145
12	Dr. Rita Khadkikar, Dr. Swati Shiradkar, Dr. Rahul Bawankule, Dr. Rajesh Kadam, Dr. Kavita More,	National level Workshop on NIRF India Ranking 2022	2021	Participated	5,900

PhD Awarded

Sr. No.	Candidate Name	Thesis title	Name of Guide	Name of the Department	Year of Award
1	Ms. Panikar Surya Anand Sheela	Associative role of MTHFR, PR and TYMS6bpdel Polymorphisms with reference to Pre-term delivery	Dr. Mansee Thakur	Genetics	27.07.22
2	Ms. Pandian Muthuchitra Rajendran	Comparative study of cytoarchitecture of fetal cerebrum of non-eclamptic and eclamptic mothers	Dr. Anjali Sabnis	Anatomy	27.07.22
3	Mrs. Jamdar Kirti Mangesh	Impact of traditional versus brainbased learning (BBL) approach on knowledge, clinical performance, motivation and self-esteem among B. Sc Nursing students	Dr. Prabha Dasila	Nursing	27.07.22
4	Mrs. Gujar Rupali Vijay	Evaluation of quality of services and gaps in the administrative management of Mahatama Jyotiba Phule Jan Arogya Yojana (A study conducted in Raigad district)	Dr. (Lt Gen) K R Salgotra	Administration	27.07.22

Publication in Peer Reviewed Indexed Scientific Journals

1. Rahul Khatri, Bhoomika Jain, Sabrina Mhapankar, Sushil Kumar. A case of chronic subdural haematoma, a rare complication of eclampsia in pregnancy. *Obstetrics and Gynecology Research* 2021; 4(1):7-11.
2. Pratibha Gopal Posam, Anjali Satyen Sabnis. A case report on maternal t (1; 2) (q11; p11 1) and its inheritance. *International Journal of Research Granthaalayah* 2021; 9(4):216-220.
3. Abhijeet Kadam, Rahul Kadam, Abhay Challani, Akshay Shah, Gaurav Sharma. A comparative study of functional outcome of type 2 and 3 radial head fracture treated with radial head excision versus radial head fixation. *International Journal of Orthopaedics Sciences* 2021; 7(1):140- 142.
4. Manan Shah, Alfven Vieira, Deepak Jain. A comparative study of type 2 radial head fractures treated by conservative versus operative management. *International Journal of Orthopaedics Sciences* 2021; 7(1): 87- 89.
5. Rahul Khatri, Bhoomika Jain, Sabrina Mhapankar, Sushil Kumar. Comparative study of continuous method and interrupted method of episiotomy in terms of healing of the surgical wound. *Clinical Journal of Obstetrics and Gynecology* 2021; 4: 40 -43
6. Kirti Mangesh Jamdar, Prabha Dasila. A conceptual research study on impact of traditional v/s brainbased learning approach on knowledge, clinical performance, motivation and self-esteem. *European Journal of Molecular & Clinical Medicine* 2021; 7 (10): 2030- 2041.
7. Apurva Deolankar, Payal Toshniwal, Tajuddin Chitapure, Rinkle Malan. A long-term impact of oscillatory mobilization and mckenzie retraction exercises in cervical radiculopathy management: A case report. *Journal of Pharmaceutical Research International* 2021; 33(21B): 100- 105
8. Raushan Kumar, Mitesh Thakkar, Jaishree Ghanekar. Amitraz Poisoning: Case of uncommon poison presenting like a common poison. *International Journal of Health and Clinical Research* 2021; 4(1): 80- 81.
9. Juilee Nitin Mhatre, Sarabjeet Singh Kohli, Nilesh Vishwakarma. Analysis of functional outcome of both bone forearm fracture in paediatric age group managed conservatively during the SARS-CoV-2 Pandemic. *International Journal of Orthopaedics Sciences* 2021; 7(1):152- 153.
10. Juilee Nitin Mhatre, Shaival Chauhan. Analysis of functional outcome of shaft clavicle fractures managed conservatively. *International Journal of Orthopaedics Sciences* 2021; 7(1):113- 114.
11. Manan Shah, Alfven Vieira, Tushar Agarwal. An epidemiological study on paediatric trauma in tertiary care hospitals. *International Journal of Orthopaedics Sciences* 2021; 7(1): 90- 92.
12. Prakash K Dubey, Preksha Dubey, Niyati Dubey. A device for high-flow nasal oxygen therapy. *Indian Journal of Respiratory Care* 2021; 10(2): 263

13. Pandurang Vithal Thatkar, Jeevan P Tonde, Rajesh K Dase, Dattatray D Pawar, Rajavannian Chidambaram. Assessment of Correlation between Smartphone Addiction, Social Anxiety, and Self-Esteem: A Cross-Sectional Study. *MGM Journal of Medical Sciences* 2021; 8(1): 22-28.
14. Akansha Sharma, Ritika Negi, R L Gogna. Assessment of incidence of failure of spinal anesthesia necessitating the conversion to general anesthesia in women presenting for caesarean section: An observational study. *Journal of Advanced Medical and Dental Sciences Research* 2021; 9(4):40-43.
15. Jatin Badgujar, Rahul Kadam, Gaurav Sharma, Akshay Shah, Nisha Relwani. Assessment of knowledge, attitude and practices regarding COVID-19 pandemic among general population in a suburban city of Western India: A cross sectional study. *International Journal of Community Medicine and Public Health* 2021;8(1): 389-396.
16. Rahul Khatri, Bhoomika Jain, Sabrina Mhapankar, Sushil Kumar. A Study of doppler velocimetry in pre-eclampsia patients, and their perinatal outcome. *Clinical Journal of Obstetrics and Gynaecology* 2021;4(2): 44-49.
17. Reshma Ramakrishnan, Mamta Agrawal, Priyanka Gandhi, Ayushi Choudhary, Alex Jesmin, Ankita Choudhary. A study of the spectrum of ocular manifestations in patients with thalassemia. *MGM Journal of Medical Sciences* 2021;8(2):120-123.
18. Madhavi Ghorpade, Gopalkrishnan Sripriya, Dasila Prabha. A study to assess the emotional competence among nursing students of selected nursing colleges in Maharashtra. *International Journal of Nursing Education and Research* 2021;9(2):144- 148.
19. Mamta Agrawal, Ishita Mehta, Reshma Ramakrishnan, Saurabh Shrivastava, Ayushi Choudhary, Naheed Abidi. Awareness and practice toward refractive error correction methods among dental undergraduate students in a tertiary care centre in Navi Mumbai, Kerala *Journal of Ophthalmology* 2021; 33(1):61- 66.
20. Aishwarya Warang, Sharvari Samant. Bacteriological profile of endotracheal aspirates from patients with lower respiratory tract infections and their antibiotic resistance pattern. *Journal of Evolution of Medical and Dental Sciences* 2021;10(6):352-356.
21. Ashish Naik, Harsh Kotecha, Sanjeev K Singh, Mohit Issrani. Canadian C-spine rule (CCR) versus national emergency X-radiography utilization study (NEXUS) for screening cervical spine injury. *International Journal of Orthopaedics Sciences* 2021; 7(1):787-789.
22. Bhavika Jain, Nikhat Bano, Devidas B Dahiphale, Kavita Makasare. Characterization of mandibular fractures on computed tomography. *Asian Journal of Medical Science* 2021; 12(4):122-126.
23. Navin Kasliwal, Satish Sonawane. Chemotherapy port placement in breast cancer patients in a resource constrained setting: hurdles and outcomes. *International Surgery Journal* 2021;8(5):1439-1444.
24. Rahul Kadam, Kshitij Z Badade, K R Salgotra, Abhay Chhallani, Akshay Shah, Gaurav Sharma. Clinical functional and radiological outcomes of proximal femoral nailing antirotation Asia (pfna2) with dynamic hip screw (DHS) in treatment of intertrochanteric femur fractures. *International Journal of Orthopaedics Sciences* 2021; 7 (1): 356- 360.

25. Ashish Naik, Sanjeev Singh, Harsh Kotecha, Mohit Issrani. Clinical parameters predicting successful outcomes following transforaminal epidural selective nerve root blocks for acute lumbar disc herniation. *International Journal of Orthopaedics Sciences* 2021; 7 (1): 678- 680.
26. Akansha Sharma, Ritika Negi, R L Gogna. Comparison of isobaric levobupivacaine and isobaric levobupivacaine with dexmedetomidine in spinal anaesthesia. *Journal of Advanced Medical and Dental Sciences Research* 2021; 9(4):36- 39.
27. Karthikbabu Suruliraj, Ganesan Sailakshmi P, Ellajosyula Ratnavalli M D, P T Solomon John M, Rakshith Kadambadi CM D, Chakrapani Mahabala. Core stability exercises yield multiple benefits for patients with chronic stroke: Randomized controlled trial. *American Journal of Physical Medicine & Rehabilitation* 2021; 101(4):314-323.
28. Bano Nikhat, Meghana Deshmukh, Devidas B Dahiphale, P S Mishrikotkar, Saurabh Joshi. CT chest interpretation of novel coronavirus disease (COVID-19): Our experience with the first 60 patients at MGM Medical College, Aurangabad, India. *MGM Journal of Medical Sciences* 2021; 8(1):9-14.
29. Yogesh Patil, Vinod Suri, Aseem Suri, Kar Harapriya, Mansee Thakur. Development of lowcost PCR product detection system for screening and diagnosis of infectious diseases. *Techno-Societal* 2021; 923-933.
30. Rinkle Hotwani, Bodhisattva Dass. Effectiveness of self-administered proprioceptive neuromuscular facilitation with self-neural mobilization technique in trapezius myalgia: Single subject research. *Journal of Pharmaceutical Research International* 2021;33(21A): 36-40.
31. Rupa Zanwar, Pooja Motar, Minal Holani. Effect of functional electrical stimulation on upper limb motor functions in patient with chronic stroke: A case report. *Journal of Pharmaceutical Research International* 2021;33(29B):199-203.
32. Shubhangi S Dere. Drug Induced Psychiatric Conditions. *Essentials of Psychiatry for Dermatology and Aesthetic Practice* 2021;182-189.
33. Suresh K Sharma, Ritu Rani, Sonali Banerjee, Khadizah Haji Abdul Mumin. Evolution and current scenario of doctoral nursing education in India. *Journal of Medical Evidence* 2021; 2(1): 79-85.
34. Vishnu Vikraman Nair, Sarabjeet Singh Kohli, Nilesh Vikshwakarma, Kathan Talsania. Functional outcome of extra-articular proximal tibia fractures treated by MIPPO. *International Journal of Orthopaedics Sciences*2021; 7(1): 591-594.
35. Saurabh Shrivastava, Ayushi Choudhary, Mamta Agrawal, Priyanka Gandhi, Reshma Ramakrishnan, Syed Faraaz Hussain. Heart and brain behind e-learning amidst covid19 pandemic the official scientific. *Journal of Delhi Ophthalmological Society*2021; 31(3):59-62.
36. Abeer M Ilyas, Ujwala Maheswari. Ichthyosis uteri with carcinoma cervix: A case report. *MGM Journal of Medical Sciences*2021; 8(2):187-190.
37. Jyoti Chaudhari, Sankarsan Pani, Anuradha Mhaske, Anvay Mulay. Impact of coronary artery bypass graft on activities of daily living of patients with coronary artery disease: A comparative study using the extended nursing care model. *MGM Journal of Medical Sciences*2021;8(2):146-150.

38. Suvarna Magar, Anjali Kale, Shrushti Agarwal, Pranoti Toshniwal. Impact of genetic diseases on anthropometric parameters: A case control study. *Indian Journal of Child Health* 2021; 8(4):150-153.
39. Nabeela Fatema, Bodhisattva Dass, Rinkle Hotwani. Impact of movement with mobilization and triceps eccentric strengthening in tennis elbow: Case Report. *Journal of Pharmaceutical Research International* 2021; 33(23B):10-14.
40. Ojaswi Khandediya, Dindigal Ramakrishnan Narasimhan, Priti Kapoor, Sagar Sinha. Initial experiences in the use of portable chest radiography as a tool to guide clinical management of COVID-19 positive patients in resource limited settings. *Journal of Marine Medical Society* 2021; 23 (1):71-74.
41. Vrushali Kharche, Tajuddin Chitapure, Bodhisattva Dass, Rinkle Malani. Interventions of proprioceptive training in lateral ankle sprain: A case report. *Medical Sciences* 2021; 25(108):272- 278.
42. Jatin V Badgular, Tanvi D Patole, Anjali S Puntambekar, Gaurav M Sharma, Nisha R Relwani, Omprakash S Rohondia. Knowledge attitude and practices regarding the use of personal protective equipment during COVID-19 pandemic among health care workers at a tertiary health care centre. *International Journal of Community Medicine and Public Health* 2021; 8(5):2321-2330.
43. Santanu P Mallick. Magnetic resonance imaging scan of the dimensions of normal lumbar intervertebral foramina: An observational study. *Indian Journal of Pain* 2021; 35(1): 34- 41.
44. Jeyhan Dhabhar, Varshil Mehta, Nimit Desai. Optic Neuritis after a Snakebite: A Diagnostic Dilemma. *The Ochsner Journal* 202;21(2):90-92.
45. Swagata Tambe, Priyanka Patil, Hemangi Jerajani. Plexiform schwannoma masquerading as an appendageal tumor. *Medical Journal of Dr DY Patil Vidyapeeth* 2021; 15 (1):133-134.
46. Deepak Jain, Parimal Malviya, Tushar Agrawal, Alfven Vieira, Ashish Naik, Ananya Sharma, Sharvari Gunjotikar, Shreenath Vishwanath, Post Snake Bite Compartment Syndrome of Lower Limb in a Child. *Journal of Case Reports* 2021;10(4):250-253.
47. Raushan Kumar, Vandana Dandekar, Jayshree Ghanekar, Ravi Arya. Profile of CT Brain in COVID 19. *International Journal of Health and Clinical Research* 2021; (4):109-111.
48. Rishab Verma, Darpan Kaur, Rakesh Ghildiyal. Profile of internet addiction, anxiety, and depression in patients of mixed anxiety and depressive disorders. *Medical Journal of Dr DY Patil Vidyapeeth* 2021; 14 (2):137-142.
49. Sushil Kumar, Ipseeta Ray Mohanty. Research in novel active pharmaceutical ingredients: A necessity to strengthen India's position as a pharma capital of the world. *MGM Journal of Medical Sciences* 2021;8(2):93-94.
50. Vishnu Vikraman Nair, Sarabjeet Singh Kohli, Nilesh Vikshwakarma, Shaival Chauhan. Retrospective study of effectiveness in transforminal nerve root block in lumbar disc disease. *International Journal of Orthopaedics Sciences* 2021;7(1):533-535.
51. Abeer M Ilyas, Ujwala Maheswari. Segmental darier's disease a rare disorder of keratinization: a case report. *MGM Journal of Medical Sciences* 2021;(1):83-85.
52. Sushil Kumar, Smartphone addiction, *MGM Journal of Medical Sciences* 2021;8(1):1-2

53. Nevin Sabu Thomas, Mitesh Thakkar, Jaishree Ghanekar. Student's perception on online teaching, learning and evaluation during the covid-19 pandemic: a survey. *International Journal of Health and Clinical Research* 2021; 4 (1):61-67.
54. Aviral Kashyap, Badal Taori, Babita Ghodke. Study of clinical profile of patients with Hepatitis E infection. *International Journal of Health and Clinical Research* 2021; 4(3): 156-160.
55. Kunal Jadhav, Minal Kadam, Vikram Lokhande, Suresh Rawte. Study of maternal and foetal outcome in abruptio placentae. *International Journal of Medical Science and Clinical Invention* 2021;8(1):5208-5213.
56. K Gadekar, R Bhattu, A Data, Vajed Mogal, Samrin Khan, S Kulkarni. The effect of dietary habit of phosphorus intake in chronic kidney disease patients on hemodialysis. *Asian Journal of Research in Nephrology* 2021;4(1):1-8.
57. Ojaswi B Khandediya, Priti Kapoor, Vishal Singh. Ultrasound correlation of placenta previa in ANC females with previous LSCS pregnancies. *International Journal of Medical Science and Diagnosis Research* 2021;5(3): 5-9.
58. Heena Dodeja, Vibhuti Dhameliya, Sabita M Ram, Vaibhav Thakkar. Assessment of tobacco prevalence among employees working in a shopping mall in Panvel, Navi Mumbai, Maharashtra, India. *Journal of Indian Association of Public Health Dentistry* 2021; 19(1):22-26.
59. Reeta Dhar, Ankita Raj, Naresh Kulkarni. Cytopathological study of pulmonary lesions in a tertiary care hospital. *International Journal of Scientific Research* 2021;10(1):29-31.
60. Sujoy Mani, Priti Kapoor, Abhay Gursale, Faaizah Shaikh, Gossypiboma: A Diagnostic Dilemma. *International Journal of Health Sciences and Research* 2021;11(5):329-332.
61. Prasad Pande Prasad Wagle, Gunjan Desai. Hepatic resection for hepaticolithiasis: A single-centre experience of 8 cases. *Annals of Hepato-biliary-pancreatic Surgery* 2021; 24 (1): S239.
62. Moni Udani, Akanksha Jivrag Neogi, Shweta Dhote, Iqbal Singh. Therapeutic Plasma Exchange: A 2 years experience at tertiary care centre in Mumbai, Maharashtra, India. *Journal of Evolution of Medical and Dental Sciences* 2021;10(15):1069-1073.
63. Shiradkar Swati, Vibha Pandey. Study of prolonged pregnancy between 40-42 weeks. *International Journal of Innovative Science and Research Technology* 2021;6(1):1060-1063.
64. Avadhut Gandhi, Natwarlal Vyas, Sonal Chavan, Sameer Kadam. Predictability of morbidity and mortality using POSSUM score in post-operative patients. *IOSR Journal of Dental and Medical Sciences* 2021;10(1):12-16.
65. Shriraj Kane, Rucha Sane, T K Biswas. A study of diastolic dysfunction in normotensive type 2 diabetes mellitus above 60 years of age. *International Archives of Integrated Medicine* 2021; 8(1): 86-94.
66. Kulkarni Abhishek, Gadekar Kshitija Girish, Joshi Shripad. To Study the preoperative and postoperative incidence of axillary nerve injuries in patients with three part or four-part proximal humerus fracture. *International Journal of Innovative Science and Research Technology* 2021;6(3):1327

67. Bhoomika Jain, Sushil Kumar, Rahul Khatri, Sabrina Mhapankar. A Study of perinatal outcome in cases of oligohydramnios at term. *International Journal of Clinical Obstetrics and Gynaecology* 2021; 5(2):224-227.
68. Sujoy Mani, Ojaswi Khandediya, Priti Kapoor. MRI features of multiple system atrophy-a case report. *International Journal of Health Sciences and Research* 2021;11(1):107 -110.
69. Asawari Patil, Bodhisattva Dass, Rinkle Hotwani, Chaitanya A Kulkarni, Waqar M Naqvi, Om Wadhokar. The bio-mechanical correction exercises in PES anserine bursitis. *Journal of medical pharmaceutical and allied sciences* 2021; 10(3):2737- 2739.
70. Bani Ganguly, Shouvik Mandal. Association of pericentric inversion of chromosome 9 with periodontal disease in an Indian family. *Journal of Research and Advancement in Dentistry* 2021;11(2):188-193.
71. Talib Yusuf, Sanjay Harke, Subodh G C, Archana Panche, Abdoulaye Diawara, Talib S H. Warfarin could play a key role in preventing the thrombotic complications in severe COVID-19 patients by suppressing the activity of NSP macrodomain of sars-cov-2: in silico study. *International Journal of Advanced Research in Biological Sciences* 2021; 8(4):100-108.
72. Abhiesh De, Murlidhar Rajagopalan, Anant Patil, Kupra Shankar, Mukesh Girdhar, Kiran Godse, Vijay Zawar, Bela Shah, Nidhi Sharma, Gauri Godse. Crisaborole for the treatment of atopic dermatitis in Indian patients: An evidence-based consensus statement, *Indian Journal of Drugs in Dermatology* 2021;7(1):7-11.
73. Vrushali Kharche, Arti Munot, Bodhisattva Das, Rinkle Malani, Waqar M Naqvi, Om C Wadhokar, Chaitanya A Kulkarni. Case report effect of proprioceptive training in ACL tear with meniscal injury. *Journal of Medical Pharmaceutical and Allied Sciences* 2021;10(3):2772-2774.
74. Apurva Deolankar, Kunal Nagwani, Bodhisattva Dass, Rinkle Hotwani, Chaitanya Kulkarni, Om Wadhokar, Waqar Naqvi. Effect of matrix rhythm therapy on a chronic case of median nerve entrapment at the elbow joint. *Journal of Medical Pharmaceutical and Allied Sciences* 2021;10(3):2745-2746.
75. Rinkle Hotwani, Nidhi Sharma, Sanket Mungikar, Tajuddin Chitapure, Chaitanya A Kulkarni, Waqar M Naqvi. Prevalence of musculoskeletal disorder in smartphone users: cross sectional study. *Journal of Medical Pharmaceutical and Allied Sciences* 2021;10(3):2916-2919.
76. Abhay Mahajan, Prashant Darakh, Martand Patil, Neel Patel, Lakshman Singh Pal, Sandeep Bathe. Retrospective analysis of the comparison between single renal artery versus multiple renal arteries in living donor kidney transplant: Does It Affect the Outcome? *Experimental and Clinical Transplantation* 2021; 19(1):38-43.
77. Nikita Mantri, Pole Shivaji Marotrao, Rishika Saraf, Dahiphale Devidas Baburao, Bhavika Jain, Amol Lahoti. Image Guided percutaneous pigtail catheter drainage of Liver Abscess technique and its outcome. *Asian Journal of Medical Sciences* 2021;12(7): 82-87.
78. Amol Andhale, Sourya Acharya, Kanchan Devde Samarth Shukla. Disseminated abdomino-thoracic hydatidosis presenting as mediastinal syndrome. *Journal of Evolution Medical and Dental Sciences* 2021; 10 (23):1807 -1808.

79. Anshika Rai, Mallinat Hoogar, Shilpi Sahu. Myositis ossificans of masseter muscle: a rare case. *International Journal of Health Sciences and Research*2021;11(2):105-108.
80. Anshika Rai, Shilpi Sahu, Reeta Dhar. Sebaceous carcinoma of scalp: A Rare occurrence with a diagnostic challenge. *International Journal of Health Sciences and Research*2021;11(2):100-104.
81. Khandediya OB, Mani SS, Kapoor P, VA Singh. Spectrum of MRI findings in pediatric epilepsy-medical and surgical causes of epilepsy in children and its radiological correlation. *Journal of Neuro-Oncology and Neuroscience* 2021;4(3):1-4.
82. Vidyanand P Deshpande Rajgopal J Totla, Arjun A Pawar, Pravin R Suryawanshi. Spontaneous rupture of sac in bochdalek hernia leading to acute intestinal obstruction. *African Journal of Paediatric Surgery* 2021; 18(2):104-105.
83. Swapnil Gosavi, Sivasubramaniam Nagarajan Nirali Shah, Neelikattu Aathira, Tess Thomas, Kalpana Kumar, Vaishali Sangole. ENT Symptomology in Active COVID-19 Patients in our Tertiary Care Centre. *Indian Journal of Otolaryngology and Head and Neck Surgery*2021; 18:1-6.
84. Monisha Dhillon, Shylaja Someshwar, Sayalee Mhatre. A retrospective study on clinico-epidemiological aspect of adult onset acne in a tertiary care hospital in Navi Mumbai, *Indian Journal of Applied Research* 2021;11(1):18-19.
85. Kopal Vadera, Pranjal Salunke, Shylaja J Someshwar, Childhood vitiligo: A hospital based retrospective study on clinico epidemiological profile. *Indian Journal of Applied Research* 2021; 11(1):51-52.
86. Rashi Satyanarayan Soni, Shylaja J Someshwar, Irritant contact dermatitis to quarantine stamps, *MGM Journal of Medical Sciences* 2021; 8(1):90-91.
87. Nimain Mohanty, Babu Thapa, John Mathai, Uday Pai, Niranjan Mohanty, Vishnu Biradar, Pramod Jog, Purnima Prabhu. Low osmolarity oral rehydration salt solution (lors) in management of dehydration in children. *Indian Pediatrics*2021; 58(3):266-272.
88. Jeba Chitra, Pooja Motar. Correlation between duration of type II diabetes mellitus with depression by using paid scale-A cross-sectional study. *International Journal of Medical Research and Health Sciences* 2021;10(1):83-88
89. Nidhi Oza, Pooja Motar, Nikhil Deshmukh. Effect of Elliptical Training for Balance and Gait Training in Patients with Chronic Stroke-A Case Report, *International Journal of Medical Research and Health Sciences* 2021;10(6): 118-122.
90. Bhale Chandrashekhar, Vare Anil, Gupta Akshi. Fetal autopsy-Categories and causes of death at a tertiary care center. *American Journal of Forensic Medicine and Pathology* 2021;42(1):12-15.
91. Rajani P Mullerpatan, Triveni Shetty, Yuvraj Singh, Bela Agarwal. Lower extremity joint loading during Bounce rope skip in comparison to run and walk. *Journal of bodywork and movement therapies* 2021; 26:1-6.
92. Sonika Ranganath, Kasliwal Navin, Karad Aruna Dinkar, Rohan Maydeo. Synchronous breast carcinoma (with Pagets disease) and renal cell carcinoma with tubercular axillary lymphadenitis: A rare presentation. *International Surgery Journal* 2021; 8(7):2234-2237

93. Sameer Bhaskar Gokhale, Saumitra Ray, Vijay Kumar Chopra, Uday Jadhav, Gauri Billa. Cost-consequence analysis of sacubitril valsartan versus enalapril in chronic heart failure patients with reduced ejection fraction. *Applied Medical Informatics* 2021; 43(24): 81-90.
94. Prathyusha Yakkala, Rachita Dhurat, Meghana Madhukar Phiske. Efficacy and safety of diphenylcyclopropenone in the treatment of multiple warts -A prospective study at a tertiary care hospital, Mumbai. *Journal of evidence-based medicine and healthcare* 2021; 8(20):1580-1585.
95. Priyanka Mary Wilson, Sunila Sanjeev Ernam. Assessment of integrated child development services (icds) at grass root level in an Urban Area, Raigad District, Maharashtra, *International Journal of Research and Review* 2021; (5):337-343.
96. Gaurav C Mhaske, Darshana Fursule, Anagha Khairnar. Effect of tai chi and stepping exercise for balance training in geriatrics: Randomized control trial. *International Journal of Health Sciences and Research* 2021; 11(6):31- 38.
97. Nikita Saraf, Prakash S Doss, Sanskruti Tahakik, Kowshik B Reddy, Arun Rangasamy, Sheetal Swamy, Avinash Kumar Bharti, Tanushree Bhandari, Jagan Deep Singh, Lalrem Ruati. Experiences of online learning during COVID-19 pandemic lockdown period: a cross-sectional survey among the college students in India. *International Journal of Community Medicine and Public Health* 2021;8(7):1-7.
98. Mahima Laxmikant Shete, Anahita V Bhesania Hodiwal. Genital filariasis: A recurred case of post operated hydrocele. *Journal of Evolution of Medical and Dental Sciences* 2021;10(27):2048- 2050.
99. Rajvee Gala, Gayatri Jain, Richha Chinchkar, Archana Har, Roshan Lal Gogna. Anaesthetic management in a known case of myasthenia gravis posted for sternotomy with thymectomy. *International Journal of Medical Anesthesiology* 2021; 4(2):108- 111.
100. Namrata Sant, Rinkle Hotwani Pallavi Palaskar, Waqar Naqvi, Sakshi Arora. Effectiveness of early physiotherapy in an infant with a high risk of developmental delay. *Cureus* 2021;13(7): e16581.
101. Dhruvajyoti Biswa, Akansha Sharma, Roshan Lal Gogna. Comparative assessment of clonidine and tramadol on post-spinal anaesthesia shivering among patients with lower abdominal and lower limb surgeries. *International Journal of Medical Anesthesiology* 2021; 4 (2):130-132.
102. Ananya Garg, Gayatri Jain, Olvyna D Souza, Roshan Lal Gogna. Anesthetic management of parturient with undiagnosed posterior reversible encephalopathy syndrome at term: A case report. *International Journal of Medical Anesthesiology* 2021; 4(2):36-39.
103. Chanan Goyal, Vivek Goyal, Waqar M Naqvi, Goyal-Naqvi. Syndrome (Concurrent Trisomy 10p and Terminal 14q Deletion): A Review of the Literature. *Cureus* 2021; 13 (7): e16652.
104. Savitri Chandrasekaran, Joaquim Francisco Maria De Sousa, Smit Paghdar, Taheseen M Khan, Nishant P Patel, Nicholas Tsouklidis. Is isotretinoin in acne patients a psychological boon or a bane: a systematic review. *Cureus* 2021; 13(8): e16834.

105. Jibril I M Handuleh, Victor Pereira-sanchez, Justo E Pinzo'n-espinoza, Darpan Mohinder Singh Kaur. Developing a curriculum in global mental health, *Innovations in Global Mental Health* 2021;1-19
106. Badade ZG, Yogita SM, Kaul SK, Sandeep R, Sameer K, Shilpa K. Association of amylin polypeptide and inflammatory biomarkers in diabetic coronary artery disease. *Journal of Cardiovascular Disease Research* 2021;12(1): 82- 92.
107. Satish L Ghugey, Jyotsna S Deshmuku, Maninder Singh Setia. Knowledge, Attitude and Practice for Brucellosis amongst Migratory Animal Handlers: A Cross-sectional Study in Maharashtra, India. *Journal of Clinical and Diagnostic Research* 2021; 15(4): 1-4.
108. Shaikh Mohammad Aeraj, Tajuddin Chitapure. Combined effects of thermotherapy along with scapular muscles strengthening in cervical radiculopathy: A case report. *Journal of Clinical and Diagnostic Research* 2021;15 (6): 1-3.
109. Zunjarrao Ganpat Badade Yogita Mahendra, Shibban K Kaul, Sandeep Rai, Sameer Kadam. Association of Islet Amyloid Polypeptide and Inflammatory Markers in Type 2 Diabetes Mellitus. *Journal of Clinical and Diagnostic Research* 2021; 15 (6): BC09- BC12.
110. Rathod Priyanka, Yadav Raman P. Anti-diabesity potential of various multifunctional natural molecules, *Journal of Herbal Medicine* 2021; 27: 100430.
111. Bageshree Set, Jagravi Chorghe, Natesan Revathi, Maninder S Setia. Assessing the role of mid upper arm circumference in identification of low birthweight and wasting in early infancy in India. *Journal of Paediatrics and Child Health* 2021; 57 (10): 1580-1588.
112. Vedak P, Bhusare DB, Patil P. Rare presentation of hematometrocolpos with didelphys uterus in a teenager. *Journal of Pediatric Surgery Case Reports* 2021 71.
113. Panikar Surya Anand Sheela, Sunil Sharma, Mansee Thakur. A Decade Review: Preterm Labor and Homocysteine. *Research Journal of Biotechnology* 2021;16 (2):215- 220.
114. Piyush Sahu, Anshika Rai, Shilpi Sahu, Kishor Raut. Haematological findings and pattern analysis in patients with COVID-19 Infection. *International Journal of Current Research and Review* 2021; 13(6):36-41.
115. Savita Kadam, Smita Shinde, Gautam Shroff, Suvarna Gulanikar. Knowledge and attitude about organ donation among medical students: an observational study from Aurangabad, Maharashtra. *International Journal of Current Research and Review* 2021; 13(1):121-124.
116. Talib S H, Soni Namita Anand, Kabra A, Sawleha A K. Medical Check-Ups whether fruitful or futile and time wasted: A retrospective analysis of 1075 cases. *Annals of Medical and Health Sciences* 2021; 11: 1517-1520.
117. Pandey TK, Phiske M, Someshwar S. Bilateral congenital triangular alopecia in two children. *European Journal of Pediatric Dermatology* 2021;31(3):161-164.
118. Tajuddin Chitapure, Divya Jethwani, Syed Zubair Ahmed, Chinmoyee Panigrahy. Impact of customized and sustained physiotherapy in charcot-Marie-Tooth disease. *Cureus* 2021; 13(8): e17201
119. Soni RS, Shylaja S, Dhillon M. Childhood leprosy a retrospective analysis. *European Journal of Pediatric Dermatology* 2021;31(3):142-146.

120. Vedant M Ghuse, Someshwar S. Patch testing as a corroborative and diagnostic tool in patients suspected of contact allergen induced facial melanosis. *Indian Journal of Dermatology* 2021; 66 (4):337-342.
121. Kulkarni, Sadhana Sudhir, Tayade, Deepak Narayan¹; Parchandekar, Mukund Kachru; Nayak, Prabha Pandurang; Kelkar, Vasanti Prabhakar; Pachore, Prashant Jangonda. Major neurological complications following central neuraxial blockade: A multicentre pilot study in Aurangabad city (MGMA CNB Study). *Indian Journal of Anaesthesia* 2021;65(9):684- 694.
122. Prakash Mane, Anjali Satyen Sabnis. Proliferative capacity of retinal progenitor cells in human fetal retina. *Journal of the Anatomical Society of India*2021; 70:136-139.
123. Vaishnavi Yadav, Waqar M Naqvi, M Irshad Qureshi, Swanand Pathak, Chaitanya A Kulkarni. Competency-based physiotherapy education in Indian context. *Journal of Medical Pharmaceutical and Allied Sciences* 2021; 10(3):28462851
124. Shivali Gulati, Mridula Madiyal, Maninder Setia, Kavitha Saravu, Kiran Chunduru. Validation of a clinical risk-scoring algorithm for scrub typhus severity in South India, *Indian Journal of Critical Care Medicine*2021; 25(2): 551-556
125. Akshaya Saklecha, Tejaswini B, Shruti Deshpande, Pratik Phansopkar, Waqar Naqvi, Om C Wadhokar, Chaitanya A Kulkarni. Effectiveness of pelvic floor exercises after subtotal hysterectomy and haematometra in a 39-year-old female with urinary incontinence: a case study. *Journal of Medical pharmaceutical and Allied Sciences*2021; 10(3):2749-2752.
126. Bhusha Darkase, Tejaswini Ratnaprkhii, Kalpana Bhatt, Uday Khopkar. Unusual cutaneous manifestations of dracunculiasis: Two rare case reports. *Indian journal of dermatology, venereology and leprology*2021; 1-4.
127. Pallavi Rameshwar Palaskar, Namrata Sant, Rinkle Hotwani. Use of an individualized relaxation technique using raga darbari for rehabilitation of pediatric spinal cord injury: A case report. *Indian Journal of Forensic Medicine and Toxicology* 2021;15(3):3910-3913.
128. Abhishek Daf, Simran Mishra¹, Vaishnavi Yadav, Chaitanya A Kulakrni¹, Om C Wadhokar, Waqar M Naqvi¹. Impact of physiotherapy rehabilitation on hand function in post colle's fracture. *Journal of Medical Pharmaceutical and aPAllied sciences* 2021;10 (3): 2790-2793.
129. Chitrakshi A Choubisa, Tejaswini B Fating, Waqar Naqvi, Pratik Phansopkar, Chaitanya A Kulkarani. Post hysterectomy physiotherapeutic protocol for core muscles and pelvic floor musculature strengthening in case of adenomyosis. *Journal of Medical Pharmaceutical and Allied Sciences*2021; 10(3):2758-2762.
130. Medhavi Joshi, Akhila Puranik, Prasad Risaldar, Vaishnavi Yadav, Chaitanya A Kulkarni, Waqar M Naqvi. Early pulmonary rehabilitation approach towards complicated case of acute respiratory failure: enhancing quality of life, *Journal of Medical Pharmaceutical and Allied Sciences* 2021; 10(3):2809-2812.
131. Akhila Puranik, Vaishnavi Yadav, Chaitanya A Kulkarni, Waqar M Naqvi. A study protocol physiological cost index: comparison between repaired congenital heart disease and healthy children. *Journal of Medical Pharmaceutical and Allied Sciences* 2021; 10(3):2781-2783.

132. Nimain Mohanty, Babu Ram Thapa, John Mathai, Uday Pai, Niranjana Mohanty, Vishnu Biradar, Pramod Jog Purnima Prabhu. Home Past Issues About IP About IAP Author Information Subscription Advertisement Search. Indian Pediatrics 2021; 58: 266-272.
133. Vasudeva Bhat K, Ratna A Sharma, Sujata M Sharma, Priyanka Joshi, Bina F Dias, Nikita Shah, Maninder Singh Setia, Mamta V Manglani. Vitamin C deficiency and oxidant levels in Children with transfusion dependent \hat{I}^2 -Thalassemia. Indian Pediatrics 2021; 58: 631-634.
134. Pallavi R Bhakaney, Chaitanya A Kulkarni, Om C Wadhokar, Vaishnavi Yadav, Waqar M Naqvi. Effect of modified pulmonary rehabilitation in prompt restoration of functional independence: a post covid case report. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(3):2801-2803.
135. Palak P Darda, Anjali S Bais, Simran A Mishra, Chaitanya A Kulkarni, Waqar M Naqvi. Post-operative rehabilitation in traumatic distal biceps tendon rupture with ulnar artery injury and ulnar nerve neuropathy managed with surgical reconstruction. Journal of Medical Pharmaceutical and Allied Sciences 2021; 10(3):2832-2836.
136. Utkarsha Mangulkar, Akhila Puranik, Vaishnavi Yadav, Chaitanya A Kulkarni, Om C Wadhokar, Waqar M Naqvi. Effects of physiotherapy in geriatric patient with distal radius fracture: a case report. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(3):2837-2839.
137. Prasad Dhage, Devyani Purushe, Tamanna Nurai, Pratik Phansopkar, Neha Chitale, Om C Wadhokar, Chaitanya A Kulkarni, Waqar M Naqvi, The efficacy of physiotherapy recovery after a modified radical mastectomy. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(3):2857-2860.
138. Purva Gulrandhe, Waqar M Naqvi, Om C Wadhokar, Chaitanya Ajay Kulkarni. Occupational health and safety of health care workers in covid 19: A rising concern in India Journal of Medical Pharmaceutical and Allied Sciences 2021;10(3):2866-2870.
139. Ruchita Rao, Medhavi Joshi, Chaitanya A Kulkarni, Pratik Phansopkar, Waqar M Naqvi Rehabilitation of patient with varicose vein along with subcutaneous calcaneal bursitis, Journal of Medical Pharmaceutical and Allied Sciences 2021; 10(3):2874-2876.
140. Nupur Ramesh Thombare, Chaitanya Ajay Kulkarni, Waqar M Naqvi. An innovative physical therapy approach towards a complex case of PIVD with varicose veins. Journal of Medical Pharmaceutical and Allied Sciences 2021; 10(3):2881-2884.
141. Sakina S Saifee, Vaishnavi Yadav, Moli Jain, Chaitanya A Kulkarni, Waqar M Naqvi, A comprehensive pulmonary rehabilitation program for the management of post-tuberculosis pneumothorax: a case study. Journal of Medical Pharmaceutical and Allied Sciences 2021; 10(3): 2900-2903.
142. Medhavi V Joshi, Chaitanya A Kulkarni, Waqar M Naqvi. Impact of slow suryanamaskar as an exercise protocol on pulmonary functions in school going children. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(3):2924-2928.
143. Vaishnavi D Yadav, Kiran G Kumar, Shalakav Dhankar, Waqar M Naqvi Chaitanya A Kulkarni. Post-surgical shoulder rehabilitation of selective neck dissection with pectoralis major myocutaneous flap reconstruction in "sick" syndrome patients. Journal of Medical Pharmaceutical and Allied Sciences 2021; 10(3):2933-2936.

144. Jadhav Uday, Khan Aziz, Kalmath B, Ponde C K, Sawhney J P S, Tripathy M P, Hazra P K, Sahoo P K, Routray S N, Chandra Sharad. A cross sectional observational study evaluating perspectives and therapeutic options amongst clinicians in young Indian hypertensives. *Journal of Hypertension* 2021; 39:1.
145. Mridul Tantia, Pravin R Suryawanshi, Akshi Gupta, Praveen Rachakatla, Gastric glomus tumour: A case report. *Journal of minimal access surgery* 2021; 17 (4):551-553.
146. Shah Akshay, Kadam Rahul, Chhallani Abhay, Badgujar Jatin, Sharma Gaurav, Issrani Mohit. Functional outcome in patients with extra-articular distal femur treated with retrograde intramedullary nailing versus minimally invasive plate osteosynthesis- A cross-sectional study. *Journal of Orthopaedics Trauma Surgery and Related Research* 2021; 16(2):1-5
147. Shah Akshay, Kadam Rahul, Sharma Gaurav, Badgujar Jatin, Chhallani Abhay, Singh Sanjeev. Functional outcome of patients with trigger finger treated by local steroid injection vs open release-a prospective comparative study. *Journal of Orthopaedics Trauma Surgery and Related Research* 2021; 16(5):6-9.
148. Tiny Nair, K P Suresh Kumar, Devanu Ghosh Roy, Uday M Jadhav, P C Manoria, Jabir Abdullakutty, Sameer Shrivastav, Ashwani Mehta, Arindam Pande, Ravikant Patil. Consensus statement on holistic management of angina. *Journal of The Association of Physicians of India* 2021; 69: 93-96
149. Mohammed Yunus Khan, Sucheta Pandit, Santanu Guha, Uday Jadhav, M Srinivas Rao, Kumar Gaurav, Amey Mane, Akhilesh Dubey, Hitendra Bhagwatkar, Keshavamurthy Venkataswamy, Snehal Shah. Demographic profile clinical characteristics and medical management patterns of Indian coronary artery disease patients: a nationwide urban-based, real-world, retrospective, observational electronic medical record study: Report of baseline data. *Expert Review of Cardiovascular Therapy* 2021;19(8):769-775
150. Apeksha Jayesh Pahade, Surendra K Wani, Rajani P Mullerpatan, Kathryn Elizabeth Roach, Indian (Marathi) version of the shoulder pain and disability index (SPADI): Translation and validation in patients with adhesive capsulitis. *Hong Kong Physiotherapy Journal* 2021;41(2):139-146.
151. Pooja Kumari Mahaseth, Rinkle Hotwani. The effect of multisensory training on balance and gait among elderly populations for fall prevention: A randomised controlled trial. *Annals of the Romanian Society for Cell Biology* 2021;25(4):17269-17280.
152. Pooja Kumari Mahaseth, Aparna Choudhary. Sensory integration therapy verses conventional physical therapy among children with cerebral palsy on gross motor function. A comparative randomized controlled trial. *Annals of the Romanian Society for Cell Biology* 2021;25(4),17315-17334.
153. Simran Purswani, Bodhisattva Dass, Tajuddin Chitapure, Rinkle Hotwani. Effect of manual therapy with proprioceptive training in a patient with osteoarthritis knee with pedal oedema: A case report. *Annals of the Romanian Society for Cell Biology* 2021; 25(4):17122-17127.
154. Kirti Mangesh Jamdar Prabha Dasila. A Research study on traditional versus brain based learning: Opinion of nursing students. *Annals of the Romanian Society for Cell Biology* 2021; 25(3):7267-7278.

155. Sneha Ambhore, Bodhisattva Dass, Rinkle Hotwani. Effectiveness of strengthening and proprioceptive training in preventing anterior cruciate ligament injury and rehabilitation: A case report. *Annals of the Romanian Society for Cell Biology* 2021; 25 (4): 11651-11654.
156. Asawari Patil, Tajuddin Chitapure, Rinkle Hotwani. Effective physiotherapeutic intervention in post-operative radial head excision: A case report. *Annals of the Romanian Society for Cell Biology* 2021; 25 (4):11667-11675.
157. Jibran Ahmed Khan, Vrushali Kharche, Tejal Patel, Bodhisattva Dass, Rinkle Hotwani. Effect of ankle dorsiflexion range in rehabilitation protocol of total hip arthroplasty: A case report. *Annals of the Romanian Society for Cell Biology* 2021; 25(4):11644-11650.
158. Ansari Sadaf, Aleena Seneen, Pooja Motar. Effect of matrix rhythm therapy integrated with electrical stimulation in sub acute bell's palsy a case report. *Annals of the Romanian Society for Cell Biology* 2021; 25(6):4735-4740.
159. Bushrafarooqui, Kshiprashastri, Poojamotar. Implication of functional electrical stimulation on upper limb recovery in a rare case of adolescent chronic obstretic brachial plexus injury: A case report. *Annals of the Romanian Society for Cell Biology* 2021;25(6): 4729-4734.
160. Tajuddin Chitapure, Nidhi Sharma, Rinkle Malani. Pain neuroscience education with manual therapy in cervical myofascial pain syndrome: A case report. *Annals of the Romanian Society for Cell Biology* 2021;25(4):11665 -11666.
161. Tejal Patel, Bodhisattva Dass, Periwinkle. Role of ankle position in static stretching for hamstrings to improve flexibility in post-operative knee stiffness-a case report. *Annals of the Romanian Society for Cell Biology* 2021;25(4):11639-11643.
162. Mansi Subhead, Pallavi Palaskar, Rinkle Hotwani. Surge faradic stimulation of dorsiflexors with wobble board exercises for improving weight bearing and balance in spastic unilateral cerebral palsy: A case report. *Annals of the Romanian Society for Cell Biology* 2021;25(6): 10441-10445.
163. Varsha S Mishra, Siddhi Dalvi, Triveni Gosavi, Shruti Soni. The impact of dysmenorrhoea on pain, sleep, and anxiety among young adults: An institutional based pilot study. *Annals of the Romanian Society for Cell Biology* 2021; 25(4): 9531-9535.
164. Sneha Chhajed, Purva Kalantri, Pallavi Palaska. Use of treadmill training to improve gait parameters after tendoachilies tendon lengthening in paediatric cerebral palsy: A case report. *Annals of the Romanian Society for Cell Biology* 2021;25(1):10446-10449
165. Rinkle Hotwani, Bodhisattvan Dass, Samiksha Shedge, Aashi Bhatnagar. Effectiveness of speed and plyometric training on agility in lawn tennis players. *Annals of the Romanian Society for Cell Biology* 2021;25(6):18557-18569.
166. Anisha N Prasad, Rathi Amey Jayant, S Fayyaz Ahamed, K Indrapriyadharshini. Evaluation of deflection characteristics of orthodontic mini implants following placement: An ex-vivo study. *Annals of the Romanian Society for Cell Biology* 2021;25(4):19961-19976.
167. Rupa Zanwar, Minal Holani, Vaibhavi Walimbe, Rinkle Hotwani (malani). Advanced biopsychosocial approach and musculoskeletal pain. *Annals of the Romanian Society for Cell Biology* 2021; 25 (6): 17241-17247.

168. Unnecessary Bidve, R Marbate, Ashwin Kshirsagar, M Karwa, A Kulkarni A Deshpande. The trends of physical activity among the young population during the second wave of the covid 19 pandemic: An observational study. *Annals of the Romanian Society for Cell Biology* 2021;25(6):19158-19164.
169. Dekate Kamlesh N, Mansee Thakur. Hypoxia Inducible Factor in signalling pathways of cancer: A commander of carcinogenesis. *Pravara Medical Review*2021;13(1):24-30.
170. Zachariah G, Sivasubramanian R, Das Mk, Jabir A, Balagopalan JP, Nair Vk, Mani K, Khan Ak, Malviya A, Gupta A, Goyal A, Singh Bp, Mohan B, Bharti Bb, Majumder B, Wilson B, Karunadas Cp, Meena Cb, Manjunath Cn, Mathew C, Roy D, Choudha Swaminathan Nagarajanbj Tom Devasia, Uday Jadhav. Changing Pattern of Admissions for Acute Myocardial Infarction in India During the COVID-19 Pandemic. *Indian Heart Journal* 2021; 73(4):413-423.
171. Kumar, Akshay, Avishay, Dor Mordehay, Jones, Calvin Richard; Shaikh, Juber Dastagir; Kaur, Roopvir; Aljadah, Michael; Kichloo, Asim; Shiwalkar, Nimisha; Keshavamurthy, Suresh, Sudden cardiac death: Epidemiolog pathogenesis and management. *Reviews in Cardiovascular Medicine*2021;22(1):147-158.
172. Rashi Soni, Meghana Phiske, Parmeshwar Kanade, Jincy John, Rajiv Joshi, Someshwar Shylaja. Eruptive Pruritic Papular Porokeratosis: A Rare Variant of Porokeratosis, *Indian Journal of Dermatology* 2021;66(2):212-214.
173. Aishwarya Sonwane, Sampada Kamalakar, Nawaj Pathan, Anuradha Khirsagar, Anjali Narkhede. Effects of guided forward stepping training verses guided lateral stepping training in sub-acute stroke patients to improve standing balance and gait speed-a randomized clinical trial. *Indian Journal of Gerontology*2021;35(3):347-359.
174. Anila Paul, Pooja Madhukar Kamble, Ankita Prakash Matondkar. An Investigation into healthrelated physical fitness among physiotherapists. *Indian Journal of Physiotherapy and Occupational Therapy* 2021;15(1):112-117.
175. Pavana Nair, Anjali Premrajan, Amrita Ghosh. Effectiveness of core stability exercise and proprioception exercise on balance in subjects with diabetic neuropathy: A randomized controlled trial. *Indian Journal of Physiotherapy & Occupational Therapy* 2021;15(3):81-89.
176. Akatya Sinha, J Madhavi Mankar. A snap shot of sleep hygiene and sleep quality among medical students of different academic years of study in a Medical College, Navi Mumbai. *Indian Journal of Preventive and Social Medicine* 2021; 52 (1):41-42.
177. Jinny P Kanjirathingal, Rajani P Mullerpatan, Nagarathna Raghuram, Girish Nehete. Effect of yogasana intervention on standing balance performance among people with diabetic Peripheral neuropathy: A pilot study. *International Journal Yoga* 2021; 14(1) 60-70.
178. Satish L Ghugey, Maninder Setia, Jyotsna S Deshmukh, Human brucellosis: Seroprevalence and associated exposure factors among the rural population in Nagpur, Maharashtra, India, *Journal of Family Medicine and Primary Care* 2021;10(2):1028-1033.
179. Rakesh Ghildiyal, Rishab Verma, Darpan Singh Kaur, Sanay Patani. Profile of sleep pattern, psychiatric comorbidity and problematic electronic gadget use in children and adolescents with autism and ADHD. *BJPsych Open*2021;7(1): S34-S34.

180. Darpan Singh Kaur, Rishab Varma, Rakesh Ghildiyal. Attitudes and perceptions of parents towards child and adolescent psychiatric consultation, diagnosis and treatment. *BJPsych Open* 2021; S262.
181. A Gulanikar, A Abrol, M Tariq Iqbal. Response to letter to the editor by Divya Kamat et al. *Indian Journal of Leprosy* 2021; 93(1):113-114.
182. Rao Raksha, Kim Usha, Sen Mrityika, Grover Ashok K, Mishrikotkar Jyotika Prasanna. Sapkal Rujuta, Phadke Yogita Abhay, Santosh G Honavar. Epidemiology, clinical profile, management, and outcome of COVID-19-associated rhino-orbital-cerebral mucormycosis in 2826 patients in India. Collaborative OPAI-IJO Study on Mucormycosis in COVID-19 (COSMIC), Report. *Indian Journal of Ophthalmology* 2021; 69(7): 1670-1692
183. Colaco S, Chhabria K, Singh D, Bhide A, Singh N, Singh A, Husein A, Mishra A, Sharma R, Ashary N, Modi D. Expression map of entry receptors and infectivity factors for pan-coronaviruses in preimplantation and implantation stage human embryos. *Journal of Assisted Reproduction and Genetics* 2021; 38(7):1709-1720.
184. Ojas Unavane Kritika Tiwari, Aabha Nagral Ritika Aggarwal, Nikita Garg, Nishtha Nagral, Bela Verma, Ajay Jhaveri, Maninder S Setia. Quality of Life of patients with Wilson's disease and their families. *Journal of Clinical and Experimental Hepatology* 2021; 1-6.
185. Uday Jadhav, Padhinhare Mohanan, Alan Almeida, Georgi Abraham, Mohammed Yunus Khan, Kumar Gaurav, Amey Mane, Seema Vikas, Madhur Jain, Bhavesh Meel. Effectiveness and effect on renal parameters of amlodipine vs other dihydropyridine calcium channel blockers in patients with essential hypertension: Retrospective observational study based on real-world evidence from electronic medical records. *Cardiology and therapy* 2021; 10(2):465-480.
186. Jeba Chitra, Pooja Motar. Effect of high voltage pulsed galvanic stimulation for constipation in acute stroke a randomized clinical trial. *Turkish Journal of Physiotherapy and Rehabilitation* 2021; 32(3):2553-2558.
187. Minal Holani, Varsha Mishra. Efficacy of pain neuroscience education on shoulder stiffness and pain in 18-year-old: A case report. *Turkish Journal of Physiotherapy and Rehabilitation* 2021; 32(3):4467-4470.
188. Ankita Jaju, Varsha Mishra. Effect of integrated neuromuscular inhibitory technique in acute trapezitis: A case report. *Turkish Journal of Physiotherapy and Rehabilitation* 2021; 32(3):4471-4474.
189. Pooja Kumari Mahaseth, Sowmiya M, vadivelan K. Effect of exercise in resting tremor using sensor analysis. *Turkish Journal of Physiotherapy and Rehabilitation* 2021; 32(2): 3333-3337.
190. Gupta Latika, Kharbanda Rajat, Agarwal Vishwesh, Misra Durga Prasanna, Agarwal Vikas. Patient perspectives on the effect of the sars-cov-2 pandemic on patients with systemic sclerosis an International patient survey. *Journal of Clinical Rheumatology* 2021; 27(1):31-33.
191. Latika Gupta, Durga Prasanna Misra, Vishwesh Agarwal, Suma Balan, Vikas Agarwal. Management of rheumatic diseases in the time of covid-19 pandemic: perspectives of rheumatology practitioners from India. *Annals of the Rheumatic Diseases* 2021; 80(1):1-2.

192. Jayakanthan Kabeerdoss, Rakesh Kumar Pilia, Reena Karkhele, T Sathish Kumar, Debashish Danda, Surjit Singh. Severe COVID-19, multisystem inflammatory syndrome in children, and Kawasaki disease: immunological mechanisms. clinical manifestations and management. *Rheumatology International* 2021;41(1):19-32.
193. MV Math, Y R Kattimani, R B Gadda, RM Khadkikar. Plant products in reducing spread of coronavirus infection (COVID-19). *British Journal of Oral and Maxillofacial Surgery* 2021; 59(4):497-498.
194. R Hosalkar, T S Saluja, N Swain, SK Singh. Prognostic evaluation of metastasizing ameloblastoma: A systematic review of reported cases in literature. *Journal of Stomatology, Oral and Maxillofacial Surgery* 2021;122(2):192-198.
195. Scott Haldeman, Margareta Nordin, Patricia Tavares, Rajani P Mullerpatan, Deborah Kopansky-giles. Distance Management of Spinal Disorders During the COVID-19 Pandemic and Beyond: Evidence-Based Patient and Clinician Guides from the Global Spine Care Initiative. *JMIR Public Health and Surveillance* 2021; 7(2):25484.
196. Mamta Manglani, Yashwant Gabhale, Mamatha Murad Lala, Sudha Balakrishnan, Khanindra Bhuyan, Bharat Bhushan Rewari, Maninder Singh Setia. Assessing the Effectiveness of a Telemedicine Initiative in Clinical Management of Children Living with HIV/AIDS in Maharashtra, India. *Current HIV Research* 2021; 19(3):201-214.
197. Saad Shams, Sawai Singh Rathore, Priyanka Anvekar, Manush Sondhi, Neeraj Kancherla, Sohaib Tousif, Gianpier Alonzo Rojas, Noman Khurshid Ahmed, Mehwish Munawwar, Muhammad Noman, Maculopapular skin eruptions associated with Covid-19: A systematic review. *Dermatologic Therapy* 2021;34(2):1-14.
198. Anjali Satyen Sabnis, Anurita Pais, Gauri Pradhan. A case of partial trisomy of 10 q and partial monosomy of 6 p resulting from maternal t (6:10) (P23;q24). *Journal of Clinical and Diagnostic Research* 2021;15(8):1-3.
199. Muthuchitra Pandian, Sabnis Anjali, Shroff Gautam. Anatomical variations of sulci in human fetal cerebrum and its clinical significance. *Biomedicine* 2021; 41(3):539-542.
200. Anjali Satyen Sabnis, Srivalli Natrajan. Cytogenetic evaluation of orofacial clefts, *National Journal of Clinical Anatomy* 2021;10(4):199-204.
201. Ujwala M Maheshwari, Jyotsna Sahai, Vivek Hebbar. Serosurveillance of Anti SARS-Cov-2 Antibodies among Essential Workers in Navi Mumbai-A Single Centre Study. *International Journal of Health Sciences and Research* 2021;11(7):99-104
202. Gulanikar Aniruddha, Arpita Arghya. Staphylococcal-Scalded skin syndrome: A case series. *Clinical Dermatology Review* 2021;5(2):192-196.
203. Shruti Shetty, Saloni Pugalia, Sabrina Mhapankar. Antenatal diagnosis and management of cystic hygroma with hydrops fetalis. *MGM Journal of Medical Sciences* 2021; 8(3):308-311.
204. Krishna Gawande, Sanket Mungika, Rinkle Hotwani, Sneha Ingle, Chaitanya A Kulkarni. Prevalence of Hallux Valgus in Normal Individuals. *Journal of Medical Pharmaceutical and Allied Sciences* 2021;10(4):3138-3141.
205. Sushil Kumar, COVID-19 pandemic and the vaccines in the year 2021: Current issues. *MGM Journal of Medical Sciences* 2021; 8(3):199-202.

206. Shweta Dhote, Abhiniti Srivastava, Iqbal Singh. Analysis on discard of blood and blood components in a tertiary care center: a guide to blood inventory management. *MGM Journal of Medical Sciences* 2021; 8 (3):277-281.
207. Karishma Anurag Kapur, Sunil Gopalrao Harsulkar. Effectiveness of muscle energy technique with and without strain counter strain technique in individuals with non-specific neck pain a pilot study from Aurangabad, India. *Journal of Evolution of Medical and Dental Sciences* 2021; 10(31):2470-2475.
208. Akash Shegaonkar, Shilpa Patel, Niharika Swain, Jigna Pathak, Rashmi Hosalkar, Rutuj Waghmare. Evaluation and correlation of clinicopathological parameters of oral squamous cell carcinoma of gingivobuccal sulcus with lymph node status: a retrospective institutional analysis in Navi Mumbai. *Journal of Evolution of Medical and Dental Sciences* 2021; 10(30): 2294-2299.
209. Shreya Gudi, Tushar Kanti Biswas, Shriraj Shridhar Kane. DRESS syndrome: A case report. *MGM Journal of Medical Science* 2021; 8(3):312-316.
210. Suraj Pawar, Deshmukh Ashish Ramchandra. To compare the efficacy of oral terbinafine alone against the combination of oral terbinafine and intense pulsed light (IPL) in difficult to treat tinea patients. *MGM Journal of Medical Sciences* 2021; 8(3):253-262.
211. Jadhav Shraddha Shivajirao, Praveen Godara, Marwale Arun Vishwambarrao, Murambikar Gaurav Pradeep, Deshmukh Deepanjali Diliprao, Prince Garg. Impact of Internet in school-going adolescents: a cross-sectional observational study. *MGM Journal of Medical Sciences* 2021; 8(3):282-288.
212. Mansi Karwa, Tajuddin Chitapure, Rinkle Hotwani. Multimodal physiotherapy program in treatment of postoperative femoral condylar stiffness: A case report, *Medical Science* 2021; 25(114):1915-1919.
213. Anjali Satyen Sabnis, Mrunal K Muley, Prakash Mane. A Rare Case: duplication of lungs on left side in human cadaveric study. *International Journal of Anatomical Variations* 2021; 14(6):101-102.
214. Priyanka Amonkar, Suhas Kharche, Amol Madave, Jeetendra Gavhane. Multisystem inflammatory syndrome in children: Experience from October 2020 to January 2021 at a tertiary hospital in Navi Mumbai, India. *Journal of Pediatric Intensive Care* 2021;
215. Mamta Agrawal, Reshma Ramakrishnan, Ayushi Choudhary, Aishwarya Singh Raghuvanshi, Purva Deore. A case of unilateral presentation of peters anomaly with fundus involvement. *Journal of Ophthalmic Science and Research* 2021; 59(3): 304-306.
216. Reshma Ramakrishnan, Sayali Santosh Amberkar, Priyanka Gandhi. Triple trouble: Congenital nasolacrimal duct obstruction, cleft palate, and sensorineural hearing loss: A rare association of blepharophimosis-ptosis-epicanthus inversus syndrome. *Journal of Ophthalmic Science and Research* 2021; 59(3):277-279.
217. Poulami Bhandakkar, Waqar Naqvi, Sakshi Arora. Advanced collateral physiotherapeutic approach in pneumonia. *Journal of Medical Pharmaceutical and allied sciences* 2021; 10(4): 3259-3261.

218. Bodhisattva Dass, KhanMadiha, Rinkle Hotwani, Sakshi P Arora. Impact of strength and plyometric training on agility, anaerobic power and core strength in badminton players. Journal of medical pharmaceutical and allied sciences2021;10(4):3254-3258.
219. Aachal Birelliwari, Shalaka Dhankar, Shruti Deshpande, Sakshi Arora, Waqar Naqvi. Evaluation of posture and quality of life in females undergone modified radical mastectomy. Journal of medical Pharmaceutical and Allied Sciences2021; 10(4):3233-3237.
220. Chaitanya Dnyanesh Khillare, Bageshri Parikshit Gogate, Khushabu Prakashrao Deshmukh, Piyush D Sahu, Neha Bharti. Liquid biopsy future of diagnostic pathology. Medical Journal of Basic and Applied Research 2021; 2(2):14-22.
221. Shruti Deshpande, Chaitanya A Kulkarni, Om C Wadhokar, Waqar Naqvi, Pratik Phansopkar, Sakshi Arora. A Community survey on effect of step aerobic exercises and music therapy on mental health in menopausal women. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(4):3300-3303.
222. Shruti Deshpande, Chaitanya A Kulkarni, Om C Wadhokar, Waqar M Naqvi Pratik Phansopkar, Sakshi P Arora. Land based exercises versus poolbased exercises for swimmer's shoulder in competitive swimmers: Randomized clinical trial. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(4):3296-3299.
223. Madhura Darware, Ashish Bele, Waqar M Naqvi, Om C Wadhokar. Relationship between sacralization and low back pain in rural population. Journal of medical pharmaceutical and allied sciences2021; 10 (4):3280-3283.
224. Simon Kashfi, Sapna Sharma, Victoria Bengualid, Shorabh Sharma, Liliya Gandrabur. Adult-Onset Still's Disease in a 28-Year-Old Man from Ghana. Cureus 2021;13(9): e18126.
225. Shruti Deshpande, Chaitanya A Kulkarni, Om C Wadhokar, Waqar M, Pratik Phansopkar, Sakshi P Arora. Effect of karate exercises on irregular menstrual cycles in college going girls: A pre and post experimental study. Journal of Medical Pharmaceutical and Allied Sciences 2021;10(4):3324-3327.
226. Dass, Bodhisattva Jilani, Rida; Hotwani, Rinkle. Correlation of numerical pain rating scale with athletic shoulder outcome rating scale and range of motion restriction in chronic shoulder pain due to rotator cuff injury in badminton players. Medical Science 2021;25(112):1364-1371.
227. Saravanan Murugan, Saravanan Prerana; Patel, Dolly; Patel, Foram; Patel, Krupali; Patel, Riddhi. Does kinesio taping improve handgrip strength and hand function in patients with Chronic Stroke?. International Journal of Physiotherapy 2021; 8(2):99-104.
228. Anup Kumar Panigrahi, Priyanka Anvekar, Petras Lohana, Mohammed Elmahal, Sherif A Baath Allah, Ileocecal Valve Atresia: A take on the aberrant phenomenon. Cureus 2021; 13(8):1-5.
229. Misra, Snigdha Suman, Rajesh Kumar. Pain Modulation through opioid and monoaminergic pathways in aloe vera induced analgesia in rats. Journal of Research in Medical and Dental Science 2021;9(4):60-66.
230. [Abdul Majid Khan](#), [Petras Lohana](#), [Priyanka Anvekar](#), [Syed Hassan Mustafa](#), [Ramesh Kumar](#), [Adnan LNU Pushpa Bhimani](#), [Syed R Ali](#), [Arti LNU](#), [Syed Hamad Ali Shah](#). Risk factors of peripheral

- vascular disease in diabetes mellitus in abbotabad, Pakistan: A cross-sectional study. *Cureus* 2021; 13(8): e17556.
231. [Mohammed Elmahal](#), [Petras Lohana](#), [Priyanka Anvekar](#), [Syed Ali](#), [Sherif Baath Allah](#). Syndrome of inappropriate antidiuretic hormonesecretion: induced encephalopathy in a patient with covid-19. *Cureus* 2021;13(7):e16671.
 232. Anvekar Priyanka, Lohana, Petras, Elmahal, Mohammed, Ali, Syed R. The curious case of lennox-gastaut syndrome: Treatment-resistant seizures in a patient with autism spectrum disease with lennox-gastaut syndrome. *Cureus* 2021;13(7): e16784.
 233. Anvekar, Priyanka, Lohana, Petras; Kalaiger, Abdul mukhtadir; Ali, Syed R; Galinde, Rohit S. The unfamiliar case of COVID-19 induced cerebral venous sinus thrombosis in a pediatric patient. *Cureus* 2021;13(8):1-5.
 234. Shradha R Yadav, Anahita V Bhesania Hodiwala, Poonam Patil, Mansee Thakur. Physio chemical characterization & antibacterial properties of biologically synthesized silver nanoparticles from aqueous extracts of ginger. *Journal of medical pharmaceutical and allied sciences* 2021;10(4):332-3333.
 235. Simon Kashfi, Ashley A Radparvar, Yoseli Ventura, Sapna Sharma, Shorabh Sharma. Bullous. erythema multiforme secondary to trimethoprim-sulfamethoxazole use, treated with cyclosporine in a 91-year-old male. *Cureus* 2021; 13(9): e18239
 236. Dhiraj Tatiya, Tajuddin Chitapure, Amreen Shaikh, Ankita Jaju. The role of eccentric training and pain neuroscience education (pne) to improve quadriceps muscle strength, and function in post acl repair: A case report. *Journal of Kinesiology and Sports Science* 2021; 9 (3): 40-43.
 237. Snehal Thakre, Pradnya Deshmukh, Pritesh Desai, Jyotika Prasanna Mishrikotkar. Is being small for gestational age at birth a predictive risk factor for retinopathy of prematurity? A study in central Maharashtra, India. *Ophthalmology Journal* 2021; 6: 83-88
 238. Lisha Suraj, Pallavi S Kadam. Clinical study of microbiological organisms causing liver abscess. *International Surgery Journal* 2021;8(10):2931-2934.
 239. Shagun S Kamble, Gaurav C Mhaske. Prevalence of high risk of falls among elderly in old age homes of Aurangabad, Maharashtra, India, *International Journal of Health Sciences and Research* 2021;11(8):61- 66.
 240. Shweta Patil, Sangita Phatale, Basavaraj Malipatil. Correlation of glycosylated hemoglobin levels with auditory and visual reaction time in diabetics. *Medical Science of Ukraine (MSU)*2021;17(3):44-50.
 241. Harshita Mohanty, Samir Ramkrishna Pachpute, Raman P Yadav. Mechanism of drug resistance in bacteria: efflux pump modulation for designing of new antibiotic enhancers, *Folia Microbiologica* 2021;66(5):727-739.
 242. Sneha Kotian, Prasad Waingankar, Ashlesha Tawade. Knowledge, Attitudes, and Practices towards COVID-19: An Epidemiological Survey in Mumbai, India. *International Journal of Epidemiology* 2021; 50(1): I127
 243. Kichloo, Asim, Solanki, Dhanshree, Dahiya, Dushyant S, Singh, Jagmeet, Haq, Khwaja, Vyas, Manasee, Solanki, Shantanu, Al-Haddad, Mohammad. Pancreatic cancer: An

- overview of national trends and adverse outcomes in the united states from 2008 to 2017. *American Journal of Gastroenterology* 2021;116(1): S46.
244. Junneshwar Bidve, Rekha Marbate, Prachiti Saklecha, Anuja Shivnikar, Satyam Bhodaji, Sabih Khan, Ashwin Kshirsagar. Awareness of exercise deficit disorder in the young adult population: An observational study. *Journal of cardiovascular disease research* 2021;12(3):1771-1777.
245. Rakesh Prasad Sah, Rakesh Kumar Mukhia, Anant D Urhekar, Kshitija Rane. Phenotypic and genotypic study of klebsiella species with reference to extended spectrum beta-lactamase. *Journal of Clinical and Diagnostic Research* 2021;15(8): DC01-DC06.
246. Veronica Sikka, Salvatore Di Somma, Sagar C Galwankar, Sagar Sinha, Nidhi Garg, Neilesh Talwalkar, Sona Garg, Prashant Mahajan, Vivek Chauhan, Lisa Moreno-Walton, Siddharth Dubhashi, Vibha Dutta, Venkataramanaiah Saddikuti, Prabath W B Nanayakkara, Joydeep Grover, Ketan Paranjape, Sarman Singh, Pushpa Sharma, Sanjeev Bhoi, Tejprakash Sinha, Stanislaw P Stawicki, Manish Garg, Indrani Sardesai. The world health organization collaborating centre for emergency and trauma (WHO-CCET) in south east asia, the world academic council of emergency medicine (WACEM), and The American college of academic international medicine (ACAAM) 2021 framework for using telemedicine technology at healthcare institutions. *Journal of Emergencies, Trauma and Shock* 2021;14(3):173-179.
247. Patel UK, Abdulqader M, Ortiz JF, Patel A, Urhoghide E, Khurana M Parulekar A, Bharguvanshi, A, Mistry A, Patel R, Patel N. Kogulavadanan A, Shah S. Long-term neuro-cognitive effects in covid-19 patients following hospital discharge: A systematic review. *Annals of Neurology* 2021; 90: S123- S124
248. AJain, Z Mirani, R Jindal, NVD Kagita, L Gasparyan, A Kelaiya, A Popat, B Baralo, T Alukal, P Kaur, M Mirani, A Mulumudi, M V Yas, A Kulkarni, D Patel, V Sundaram, K Saed CT Jani S Jai N. Infectious complications post-cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: A meta-analysis. *Annals of Oncology* 2021; 32 (Sup1): S1242-S1243.
249. Kapil Garg, Mrinmayee Deshmukh, Simran Purswani. Effect of online Learning on Satisfaction Level among Health Science Students in Covid-19 Pandemic. *Annals of the Romanian Society for Cell Biology* 2021; 25(6): 19723-19732.
250. Sakshi Shah, Neha Agrawal Junneshwar Bidve, Tushmeetkaur Bhatia. Prompt Physiotherapy Rehabilitation a Boon for Early Resolution of Trait in a Patient with Supracondylar Fracture: A Case Report. *Annals of the Romanian Society for Cell Biology* 2021; 25(6): 20455-20462.
251. Narayan Khurde, Sharadchandra Wankhed, Pramod Shinde, Vishnu D Udhan. Long-term yoga practice and pulmonary endurance in healthy individuals: A pre- & post-yoga interventional study. *National Journal of Physiology, Pharmacy and Pharmacology* 2021;11(11):1-5.
252. Priyanka Amonkar, Jeetendra Gavhane Suhas Kharche, Sameer Kadam, Dattatray Balbheemrao Bhusare. Aortic thrombosis in a neonate with COVID-19-related fetal inflammatory response syndrome requiring amputation of the leg: A case report. *Paediatrics and International Child Health* 2021; 41(3):211-216.

253. Apurba Ghosh, Balasubramaniam Sundara, Piyali Bhattacharya, Nimain Mohanty, Nirmala Dheivamani, Sushant Mane, Bhaswati Acharyya, Vijay Kamale, Sumon Poddar, Akash Khobragade, Winston Thomas, Sumant Prabhudesai, Ankita Choudhary, Monjori Mitra. Effect of *saccharomyces boulardii* CNCM-I 3799 and *bacillus subtilis* CU-1 on acute watery diarrhea: A randomized double-blind placebocontrolled study in Indian children. *Pediatric Gastroenterology, Hepatology and Nutrition* 2021;24(5):423-431.
254. Tiwaskar M, Kalra S, Bantwal G, Bhattacharya A, Sahay M, Jadhav U, Joshi A, Das AK, Khullar D, Baruah M, Punyani H, Kishor K, Shetty K, Ved J. SGLT2-inhibition and vascular euphoria a reconciliation of vascular health and disease homeostasis. *Journal of Association of Physicians of India* 2021; 69 (4):66-70.
255. Jadhav, Nair T, Jayagopal PB, Pinto B, Srivastava S, Sahoo PK, Davidson D. Validation of the optimal treatment of angina (OPTA) questionnaire in Indian patients with chronic stable angina. *Journal of Association of Physicians of India* 2021;69(9): 48-51.
256. Nawaj Pathan, Snehal Thakur, Kajal Kadam, Sayali Lohade, Neelam Chandak. Immediate effects of positional release therapy and manual trigger point release on neck pain and range of motion in computer users with upper trapezitis. *Journal of Family Medicine and Primary Care* 2021; 10(8): 839-2844.
257. Acharya S, Palkar A, Sayed AP, Setia MS. Retrospective cohort analysis of survival of children living with HIV/ AIDS in Mumbai, India, *BMJ Open* 2021; 11(9): e050534.
258. Sumedth S Vaidya, Bela M Agarwal, Yuvraj Singh, Rajani Mullerpatan. Effect of yoga on performance and physical fitness in cricket bowlers. *International Journal of Yoga Therapy* 2021;31(1):
259. Baser A, Sharma S, Kumar S, Sabu A, Gupta A, Shaikh SS. Indication for cesarean section as per robsons's criteria: An analysis of 5000 consecutive cesarean cases. *Journal of South Asian Federation of Obstetrics and Gynaecolog* 2021;13(1)22-25.
260. Rathi Amey, Ahmed Fayyaz, Kalladka Gautham, Iyer Kavitha. A clinical guide for vertical positioning of bracket. *International Journal of Current Research and Review* 2021;13(15):166-171.
261. Sharma S, Sharma R, Khyalappa R, Sharma S, Kandoth S. Student perceptions: Background to a new ethics curriculum in Indian medical colleges. *Journal of Education and Health Promotion* 2021; 10(8):1-5.
262. Bela Manish Agarwal, Robert Van Deursen, Rajani Prashant. Electromyographic evaluation of spine and lower extremity muscles during repeated and sustained bodyweight deep-squat *Trends in Sport Sciences*. *Trends in Sport Sciences* 2021;28(1):19-27.
263. Anjua Bhalerao, Rahul Pokharna, Vaibhavi Walimbe, Rinkle Malani. Cognitive behavioral therapy: A way towards sound sleep. *Journal of Medical Pharmaceutical and Allied Sciences* 2021; 10(4): 3221-3324.
264. Neha Patil, PNKhandelwal, Shilpa Patel, Bharat Gupta. Use of Curcumin for management of oral submucous fibrosis in pediatric patients- A case report and literature review. *Turkish Journal of Physiotherapy and Rehabilitation* 2021;32(3): 26658-26663.
265. Gautham Kalladka, Rathi Jayant, Fayyaz Ahmed. Turbo Expander: A Modified bite plane clinical tip for deep bite correction. *Journal of contemporary orthodontics* 2021;5(2): 53- 54.

266. Vrushali Kharche, Satyam S Bhodaji, Ashwin Kshirsagar. Effect of advanced kinesiotaping in ankle sprain with anterior cruciate ligament tear: A case report. *International Journal of Medical Science and Current Research* 2021;4(4):948-952.
267. Junneshwar Bidve, Rahul Pokharna, Mansi Karwa, Ekta Kharde. A case report on the physiotherapy management of a person suffering from post-covid syndrome in a private tertiary care hospital. *International Journal of Medical Science and Current Research* 2021; 4(4):1148-1151.
268. Aboli Pedgaonkar, Payal Toshniwal, Junneshwar Bidve. Palliative care in adrenal metastasis with secondary pleural effusion: A case report. *International Journal for Research in Physiotherapy* 2021; 1(1): 5-8.
269. Kadam Rajesh, Chandekar Bhakti, Chavan Snehal, Bhosle Deepak. Comparative study of effect of olmesartan and cilnidipine on micro albuminuria levels in patients with type 2 diabetes mellitus. *European Journal of Pharmaceutical and Medical Research* 2021;8(2):377-386.
270. Kharche Jyoti, Nilofer Bano, Isa Patel. To study clinical significance of reticulocyte haemoglobin content in iron deficiency anemia. *International Journal of Scientific Research* 2021; 10 (9):1-4.
271. GulweVijaykumar, Soni Namita, Kadappa Hukkeri. Study of incidence of vitamin D deficiency in obese adults. *International Journal of Scientific Research* 2021;10(8):15-21
272. Kale Anjali, Gavhane Sunil, Dhule Sachin, Ojas Deokate, Engade Madhuri, Bhise Manik, Harshal Pandve, Suthanthira Kannan. Assessment of stress levels amongst mothers of babies admitted in neonatal intensive care unit. *Global Journal for Research Analysis* 2021; 10(9):118-121.
273. Ashwin Kshirsagar, Tushmeetkaur Bhatia, Junneshwar Bidve. Active release technique as an adjunct intervention in a soft tennis player with De quervain's tenosynovitis: A case report. *International Journal of Medical Science and Current Research* 2021; 4(5):123-126.
274. Nikunj Gokani, Deepanjali Deshmukh, Praveen Godara, Arun Marwale, Bhise Manik, Shraddha Jadhav, Gaurav Murambikar. Irrational fear of being away from smartphone among health-care workers: An observational stud. *Indian Journal of Social Psychiatry*2021;7(3): 295-300.
275. Arathi Chandran, Susan Jacob, Design. Develop, and validate limb restrainer device on physical and physiological parameters among patients admitted in intensive care units. *International Journal of Nursing and Medical Investigation* 2021;6(3):37-41.
276. Deepak S Jain, Tushar Agrawal, Parimal K Malviya. Scurvy masquerading as septic arthritis in a case of cerebral palsy. *Journal of Orthopaedic Case Reports* 2021;11(8):107-110.
277. Nilesh Vishwakarma, Shaival Chauhan, Shrey Binyala, Sanjeev Singh. Brodie's abscess of the proximal humerus metaphysis: A case report. *Journal of Orthopaedic Case Reports*2021; 11(9):38- 42.
278. TalibYusuf A, SH Talib HuzefaS Bhagat, Abdoulaye Diawara. To analyze single nucleotide polymorphism and pseudogenes using genome wide association in diabetes mellitus. *Haya: The Saudi Journal of Life Sciences* 2021; 6(11):273-278.

279. Uday M Jadhav, Tiny Nair, Sandeep Bansal, Saumitra Ray. Comparative efficacy of bisoprolol compared to other selective beta-1 blockers in patients with hypertension: A systematic review and meta-analysis of observational studies. *hypertension* 2021;78 (Suppl1): AP111.
280. Gauravi Desale, Ketaki Naik, Dipti Shinde, RinklMalani. To study the effectiveness of rotational vestibular stimulation on improving balance and gravitational insecurity in children with down syndrome: A research protocol. *Indian Journal of Forensic Medicine and Toxicology* 2021;15(4):1183-1187.
281. Jitendra Kumar, Pulak Vatsya, Samarth Mittal, Tanya Trikha, Vivek Trikha. Roadblocks in the Medial surgical approach to the hip joint. *Injury* 2021; 52(11) 3362.
282. Srivastava RK, Bodkhe, Jitendra. Does the country of origin has impact on prescribing behaviour of general practitioners?. *International Journal of Healthcare Management* 2021; 14 (3):656-662.
283. Tejal Patel, Aashi Bhatnagar, Junneshwar Bidve, Ashwin Kshirsagar, Satyam S Bhodaji, Rekha Marbate, Avani Dabri, Nilofer Mogal. An Impact of first COVID lockdown on physical and mental health along with the quality of life in Adults belonging to Maharashtra state. *International Journal of Research in Pharmaceutical Sciences* 2021; 12(3):1833-1839.
284. Junneshwar Bidve, Rekha Marbate, Prachiti Saklecha, Anuja Shivnikar, Satyam S Bhodaji, Sabih Khan, Ashwin Kshirsagar. Awareness of exercise deficit disorder in the young adult population: an observational study, *Journal of Cardiovascular Disease Research* 2021; 12 (3):1771-1777.
285. Ghan GM, Babu VS. Immediate Effect of cervico-thoracic mobilization on deep neck flexors strength in individuals with forward head posture: A randomized controlled trial. *Journal of Manual and Manipulative Therapy* 2021;29(3):147-157.
286. Sonali Banerjee¹, N Mary Mathews. Fertility awareness and perceptions among procreant age group in Western India: An exploration with mixed methodology. *Journal of Pharmacy and Bioallied Sciences* 2021;13(6):1551-1557.
287. Urvish Patel, Hetal Gujarib, Preeti Malik, Mahika Khurana, Amrapali Patel, Juan, Fernand Ortiz, Arpita Bhriguvanshi, Ashish Patil, Kogulavadanan Arumaithurai, Shamik Shahi. Genome sequencing, mutational analysis, and survival rate of glioblastoma multiforme. *Journal of the Neurological Sciences* 2021; 429. Suppl.
288. Parikshit Sen, Latika Gupta, James B Lilleker, Vishwesh Aggarwal, Sinan Kardes, Marcin Milchert, Tamer Gheita, Babur Salim, Tsvetelina Velikova, Abraham Edgar Gracia-Ramos, Ioannis Parodis, Albert Selva O'Callaghan, Elena Nikiphorou, Ai Lyn Tan, Lorenzo Cavagna, Miguel A Saavedra, Samuel Katsuyuki Shinjo, Nelly Ziade, Johannes Knitza, Masataka Kuwana, Giovanni Cagnotto, Arvind Nune, Oliver Distler, Hector Chinoy, Vikas Aggarwal, Rohit Aggarwal. COVID-19 vaccination in autoimmune disease (COVAD) survey protocol. *Rheumatology International* 2021;
289. Shruti Sinha, Bhaimangesh Bhanudas Naik, Jaishree Ghanekar. Wall eyed bilateral internuclear ophthalmoplegia (WEBINO) syndrome as a false localising sign in intracranial haemorrhage due to snake bite. *BMJ Case Reports* 2021;14(9): e244830,

290. Rahul Kadam, Gaurav Sharma, Shrey Binyala, Praveen Kumar, Tanmay Asawa, Abhishek Kulkarni. Management of lateral epicondylitis elbow treated with corticosteroid versus platelet rich plasma injection at a tertiary care centre: A comparative study of the functional outcome. *International Journal of Orthopaedics Sciences*2021;7(4):323-325.
291. Nidhi V Shetty, Swati Shiradkar. Pregnancy Outcome in Covid 19- An experience at a tertiary care centre in Maharashtra. *International Journal of Innovative Science and Research Technology* 2021; 6 (10):826- 829.
292. Shaival Chauhan, Shrey Binyala, Aditi Gaiwal. Monoarticular rheumatoid arthritis in pregnancy: A case report. *International Journal of Orthopaedics Sciences*2021;7(4):493-496.
293. Manjiri R Naik, Rohit Jacob, Sanjana Reddy. Prediction of cardiovascular risk among healthcare professionals using atherosclerotic cardiovascular disease risk score in a tertiary care hospital in Aurangabad. *Annals of Clinical Cardiology*2021;
294. Saurabh Kakani, Vimal Dugad, Akanksha Mundada. Transabdominal Vs transrectal ultrasound for the diagnosis of lower ureteric calculus: A comparative study. *Journal of Medical and Clinical Research*2021; 1 (2):18-23.
295. Anand Nikalje, Rohit Jacob Manoj. Effect of antihypertensive drugs on circadian variation of blood pressure measured by ambulatory blood pressure monitoring in controlled hypertensive individuals. *Annals of Clinical Cardiology*2021:
296. Deepak Jain Sanjeev Singh, Shrey Binyala, Praveen Kumar. An typical type of moneteggia equivalent: Case report. *Journal of the Orthopedics Case Report* 2021;11 (10):97-100.
297. Anshu Baser, Sunil Sharma, Sushil Kumar. Acute pyelonwphritis in pregnancy: A case report. *The New Indian Journal of OBGYN* 2021; 8(1):152-154.
298. Anshu Baser, S kumar. Impact pandemic restrictions on anetnatal complications at a tertiary care centre. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology*2021; 10(4):1468-1471.
299. Anshu Baser, Akriti Gupta, Sunil Sharma, Sushil Kumar. An experience with COVID-19 positive pregnant patients at a tertiar care centre. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology* 2021; 10 (4):1463-1467.
300. Gayatri Bhonsale, Sayali Santosh Amberkar. Long-Termlinezolid: Unnerving the nevers. *Kerala Journal of Ophthalmology* 2021; 33(3): 344- 348.
301. Reshma Ramakrishan, Sayali Santosh, Amerkar Priyanka Gandhi. Triple trouble: Congenital nasolacrimal duct obstruction, cleft palate, and sensorineural hearing loss- A rare association of blepharophimosis: Ptosis epicanthus inversus syndrome. *Journal of Ophthalmic Science and Research*2021; 59 (3): 277- 279.
302. Harsh Waingankar, Prashant Kaushik, Shruti Sinha, Jaishree Ghanekar. Snake bite presenting as intracranial bleed with normal coagulation parameters. *International Journal of Scientific Research*2021; 10 (10):1- 2.
303. Chaitrali Gawde, Harsh Waingankar, Amrit Kejriwal. Study of epidemiological factors in acute stroke and it's correlation with outcome. *International Journal of Medical Science and Current Research* 2021;3(6):860-875.

304. Anamika, Faraaz Hussain Pandey, Abha Shah. Need of awareness about over the counter steroid intake: A case series. *International Journal of Scientific Research* 2021; 10(12):53-54.
305. Bharat Gupta, RamanYadav, Sabita Ram, Neha Patil. Effect of non-surgical periodontal therapy on levels of salivary mmp- 8 in chronic periodontitis patients: Systematic review. *Natural Volatiles & Essential Oils* 2021; 8(4):16229-16234.
306. Akansha Sharma, Ankita Joshi, Vishwas Sathe. Coding between decision and delivery. *Anesthesia and Analgesia* 2021; 133 (3S_Suppl):1123.
307. Sivanesan R, Akansha Sharma, Roshan Lal Gogna. Comparison of mixture of sevoflurane in 50% N₂O/O₂ with sevoflurane in 100% O₂ in neonates undergoing TEF/EA repair. *International Journal of Medical Anesthesiology* 2021; 4 (2): 176, 1799
308. Akansha Sharma, Abhijit Thomas RL Gogna. Effects of various anaesthetic techniques on haemodynamic stability and inflammatory cytokine (IL-6) level in patients undergoing breast cancersurgery. *International Journal of Medical Anesthesiology* 2021; 4(2):158, 161
309. Akansha Sharma, Javed Wani, Roshan Lal Gogna, Anaesthesia for fibroid surgeries: Experiencfrom a tertiary institution. *International Journal of Medical Anesthesiology* 2021; 4(2):180 -182
310. Amrita Santosh, Akansha Sharma, Roshan Lal Gogna. A prospective observational study to compare the effectiveness of bupivacaine versus levobupivacaine in supraclavicular brachial plexus block. *International Journal of Medical Anesthesiology* 2021; 4 (2):183-185.
311. Aditi Wanchoo, Akansha Sharma, Roshan Lal Gogna. Assessment of effect of propofol and ketamine in electroconvulsive therapy anesthesia. *International Journal of Medical Anesthesiology* 2021; 4(2):186-188.
312. Kusuma M, Ankita Joshi, Vishwas Sathe, RL Gogna. Anaesthetic management of a patient with severe kyphoscoliosis with left psoas abscess. *International Journal of Medical Anesthesiology* 2021; 4(3): 54-36.
313. Manisha V Sawant, Susan Jacob. Effect of buzz group regarding content knowledge and practice on fistula care for patients with hemodialysis among second year baccalaureate nursing students. *Innovational Journal of Nursing and Healthcare* 2021; 7(4): 88-93.
314. Shweta Wasudeo Dhote, Abhiniti Rahul Srivastava, Iqbal Singh. Prevalence and trends of transfusion transmissible infections in blood donors in a tertiary care centre: An Institutional 4-year Retrospective Study. *National journal of laboratory medicine* 2021; 10(4): PO16 -PO19.
315. Suheil Dharse, Mugula Sudhakar Rao, Padmakumar Ramachandran, Tom Devasia, Ashwal AJ, Ganesh Paramasivam, Manjunath Prabhu. Effectiveness of ultrasonography-guided cardiac sympathetic denervation in acute control of electrical storm: A retrospective case series. *Journal of Anaesthesiology Clinical Pharmacology* 2021; 38(4): 610-616.
316. Smruti V Parkar, Susan Jacob. Effect of web-based learning on content knowledge and practice regarding care of patients with tracheostomy among second year BSC nursing students. *Indian Journal of Nursing Sciences* 2021; 6(4):93-99.

317. Saroj Kumar Thakur, Bansal Vishvesh Prakashchandra, Jyotsna Mishra, M P Bansal, Iswari Sapkota, Tapeswar Yadav. Improved diagnosis of pulmonary tuberculosis using bleach (sodium hypochlorite) concentration technique at tertiary care hospital. *Nepal Journal of Health Sciences* 2021;1(2):16-22.
318. Mohammad Ganiyani, Manas Pustake, Isha Tambolkar, Zaid Memon, Sunita Bhandari. Vaccines and SARS-CoV-2 variants: An Indian perspective. *International Journal of Current Microbiology and Applied Sciences* 2021;10(5):502-506.
319. Rudra Mangesh Prabhu, Tushar N Rathod, Akash Vasavda, Shivaprasad S Kolur, Punit Tayade. A rare case of an expansile spinopelvic aneurysmal bone cyst managed with embolization, excision, and fusion. *Surgical Neurology International* 2021;12(580):1-4.
320. Saurabh S Kakani, Dahiphale Devidas Baburao, Saurabh G Padiya, Vimal G Dugad, Pole Shivaji Marotrao, Tanushree A Poddar. Role of magnetic resonance imaging in diagnosis and grading of perianal fistulas. *Asian Journal of Medical Sciences* 2021; 12(12):140-146.
321. Abishek Karthik, Lisha Suraj. Intracystic Papillary Carcinoma of Breast: Report of. *Journal of Clinical and Diagnostic Research* 2021; 15 (10): PD14- PD16.
322. Mousmi Agrawal, Suparna Pingle, Chandrashekhkar Bhale. Study of human epidermal growth factor receptor (HER2/neu) expression in primary colorectal carcinoma in a tertiary care hospital. *MGM Journal of Medical Sciences* 2021; 8(4):325-329.
323. Preet Furia, Vasanti Sasturkar, Sanhita Kulkarni, Pradnya Joshi, Pramod Bhale. Efficacy of intrathecal fentanyl versus buprenorphines adjuvant to isobaric levobupivacaine in lower limb surgeries: A comparative study. *MGM Journal of Medical Sciences* 2021; 8(4): 337-341.
324. Harshul Sharma, Shivaji Pole, Gajjala Sabatina, Rishika Saraf, Saurabh Joshi, Devidas Baburao Dahipale, Prassana S Mishrikotkar. Infection of mucormycosis in patients in Covid-19: An experience at the tertiary medical center in Maharashtra, India. *MGM Journal of Medical Sciences* 2021; 8(4):349-354.
325. Snehal Thakre, Karan Nathani, Pradnya Deshmukh, Jyotika Mishrikotkar. Awareness in the general population about binocular single vision and its importance. *MGM Journal of Medical Sciences* 2021; 8(4):370-374.
326. Abhiniti Rahul Srivastava, Sweta Wasudeo Dhote, Iqbal Singh. A retrospective study on the prevalence of weak D antigen (Du) in a blood bank in a tertiary care hospital in Maharashtra, India. *MGM Journal of Medical Sciences* 2021; 8(4):410-414.
327. Padma Ramesh, Vaishali Sangole, Aathira Neelikattu. Hemifacial microsomia and bilateral Mondini dysplasia: A rare clinical presentation. *MGM Journal of Medical Sciences* 2021; 8(4): 442-445.
328. Parul Jain, Reeta Dhar, Rishabh Jain, Shilpi Sahu. Clinicopathologic study of calcifying epithelioma of Malherbe pilomatricoma: A Retrospective study in a tertiary care hospital. *International Journal of Scientific Development and Research* 2021; 6(12):1-6.
329. Trupti Patil, Parul Jain, U Maheshwari, Vrutika Shah, Nodular fasciitis: Diagnostic challenge on fine needle aspiration. *International Journal of Scientific Development and Research* 2021; 6(12):7- 8.

330. Trupti Patil, Almas Dalvi, Ujwala Maheshwari. A case report of schistosoma haematobium infection detected on urine cytology. *International Journal of Scientific Development and Research* 2021; 6 (12): 51-53.
331. Almas Dalvi, Reeta Dhar Ankita Raj. A Comparative study of fine needle aspiration Cytology and USG of thyroid gland lesions. *International Journal of Scientific Development and Research* 2021; 6(12):100-107.
332. Ujwala Maheshwari, Almas Dalvi, Ankita Raj, Piyush Sahu. Scrotal Calcinosis: A rare idiopathic benign entity and diagnostic dilemma. *International Journal of Scientific Development and Research* 2021; 6(12):221-223.
333. Navdeep Kaur, Reeta Dhar, Puja Iyengar, Arpita Singh. Clinicobiochemical correlation and cytological study of pleural fluid. *International Journal of Scientific Development and Research* 2021; 6(12):236-242.
334. Hoogar MB, Almas Dalvi, Priyanka Jadhav, An Unusual clinical presentation of type - A thymoma with paraneoplastic myasthenia gravis. *International Journal of Scientific Development and Research* 2021; 6(12):243-246.
335. Arpita Singh, Reeta Dhar, Navdeep Kaur. Desmoid type fibromatosis in breast: A rare case report. *International Journal of Scientific Development and Research* 2021; 6(12):264-267.
336. Ujwala Maheshwari, Navdeep Kaur, Shweta Munot, Arpita Singh, Shilpi Sahu. Granulomatous mastitis mimicking tuberculous mastitis: A series of cases in a tertiary care hospital. *International Journal of Scientific Development and Research* 2021; 6(12):268-273.
337. Aparajita Sur, Ujwala Maheshwari, Naresh Kulkarni, Vrutika Shah. Study of acute myeloid leukemias in a tertiary care hospital. *International Journal of Medical Science and Innovative Research* 2021; 6(6):161-164.
338. Panikar Surya Anand Sheela, Saili Jadhav, Sunil Sharma, Mansee Thakur, Progin progesterone receptor gene polymorphism as a risk factor for preterm delivery. *Journal of Medical Pharmaceutical and Allied Sciences* 2021; 10(6):3942-3946.
339. Uday Jadhav, Mangesh Tiwaskar, Aziz Khan, BC Kalmath, CK Ponde, JPS Sawhney, MP Tripathy, PK Hazra, PK Sahoo, S N Routray, Sharad Chandra, Thomas Alexander, VK Chopra. Hypertension in Young Adults in India: Perspectives and therapeutic options amongst clinician's in a cross-sectional observational study. *Journal of The Association of Physicians of India* 2021; 69 (11): 68-73.
340. Uday Jadhav, T Nair, S Bansal, S Ray. Efficacy and safety of bisoprolol compared to other selective beta-1 blockers in the treatment of hypertension: a systematic review and meta-analysis of randomized parallel clinical trials. *European Heart Journal* 2021; 42 (1):363-2363.
341. UdayJadhav, S Ray, S Bansal, T Nair. Effectiveness of bisoprolol versus selective beta-1 blockers in the management of hypertension: A systematic review and meta-analysis of randomized cross-over trials. *European Heart Journal* 2021; 42 (1):2364-2364.
342. Pradeep Moonot, Gaurav Sharma, Anish Kadakia. Functional outcome in patients with charcot neuropathy with almost complete loss of talus treated by tibio-talo calcaneal nail: A cross-sectional study. *The Foot* 2021; 49: 101833.

343. Pradeep Moonota, Gaurav Sharma, Anish R Kadakia. Mal-union of sustentaculum tali fracture with talo-calcaneal coalition leading to tarsal tunnel syndrome: A case report. *The Foot* 2021; 47: 101797.
344. Prachita Walankar, Manasi Kemkar, Aniket Govekar, Agasthya Dhanwada. Musculoskeletal pain and risk factors associated with smartphone use in university students. *Indian Journal of Occupational and Environmental Medicine* 2021; 25(4):220-224.
345. C Selvaa Kumar, Ipseeta Ray Mohanty, Manjusha Borde. Antidiabetic activity of *Commiphora mukul* and *Phyllanthus emblica* and Computational analysis for the identification of active principles with dipeptidyl peptidase IV inhibitory activity. *Indian Journal of Pharmacology* 2021; 53(5): 384-387.
346. Nagraju Gaddam, Vasanti Kelkar, Sanhita Kulkarni, Pradnya Joshi, Pramod Bhale. A comparative study of propofol, thiopentone sodium, and ketofol as induction agents for electro convulsive therapy. *Journal of anaesthesiology clinical pharmacology* 2021; 37(4):554-560.
347. Dhote Shweta, SrivastavaAR. Trends of blood transfusion services before and during COVID-19 Pandemic: A retrospective study from Maharashtra, India. *Journal of Clinical and Diagnostic Research* 2021; 15(12):EC19- EC22.
348. Ajit Chalak Sushmit Singh, Sunil Shetty, Sachin Kale, Pankaj Singh, Ashok Madhavrao Ghodke. A Novel technique of three-ring Ilizarov fixator frame in gap non-union of tibia. *Journal of Clinical Orthopaedics and Trauma* 2021;23:101639.
349. Neha Vishnu More, Parineeta Samant, Sandeep Rai. C-Peptide: A statutory tool in diagnosis and differentiation of types of diabetes. *Journal of Datta Meghe Institute of Medical Sciences University* 2021;16(3):524-530.
350. Sadhana Kulkarni, Prabha Nayak, Sasturkar Vasanti Kelkar, Deepak Tayade. Long term efficacy of traditional vs best practice skill lab training of medical students, *Anesthesia and Analgesia* 2021; 133 (3S Suppl):529.
351. Ruchi Vispute, Nawaj Mehtab Pathan. Exploring the opinions of physical therapist undergraduate students regarding applicability of telerehabilitation in stroke survivors and their caregivers. *Journal of the Neurological Sciences* 2021; 429: 118598.
352. Thakur Snehal. Effect of balance training with bosu ball on subjects with chemotherapy-induced peripheral neuropathy. *Journal of the Neurological Sciences* 2021;429 (Suppl):118642.
353. Vajed Mogal, Kshitija G Gadekar SG Kulkarni Ankit Data. Six Month follow: up study in comparison of complications of arteriovenous fistula with permanent catheter in hemodialysis patients at a tertiary care unit. *Asian Journal of Research in Nephrology* 2021; 8(4):1993-1997.
354. Mogal Vajed, Sajgure Atul1, Dighe Tushar, Mulay Atul, Bale Charan. Role of Ambulatory Blood Pressure Monitoring in Management of Hypertension in Patients with Chronic Kidney Disease on Hemodialysis. *Journal of kidney treat Diagn* 2021;4(3):33-37.
355. Lakshmi Rachakonda, Savita Kadam, Kritikat Agarwal, Harshin T. Outcome of induction of labour: A prospective study in a tertiary care centre from Aurangabad Maharashtra. *International Journal of Current Research and Review* 2021; 13(9) 35-39.

356. Anjali Satyen Sabnis, Dattatray Balbheemrao Bhusare. 48, YYYY: A rare case report. *Balkan Journal of Medical Genetics* 2021; 24 (2):103- 106.
357. Marylin Shinde, Anuradha Mhaske. Assessment of Breastfeeding clinical skills among nursing students using objective structured clinical examination (OSCE). *Journal of Cardiovascular Disease Research* 2021; 12 (1): 520- 530.
358. Arindam Ray, Amanjot Kaur, Seema Singh, Pradeep Haldar, Mohd Haseeb Md Najeeb, Arup Deb Roy, Syed F Quadri. Assessment of Knowledge Retention of Healthcare Staff Through Telephonic Interview After Training for Rotavirus Vaccine Introduction in India. *Systematic Reviews in Pharmacy* 2021; 12(12):3853-3857.
359. Rajani Mullerpatan, Shweta Nahar, Yuvraj Singh, Pierre Cote, Margareta Nordin. Burden of spine pain among rural and tribal populations in Raigad District of Maharashtra State of India. *European Spine Journal* 2021; 30 (4):1004-1010.
360. Poonam Rathod, Krishna Gawande, Case report: Dry needling for the management of the unilateral trapezities. *Pravara Medical Review* 2021; 13 (3):43-45.
361. Pandian Muthuchitra, Sabnis Anjali, Shroff Gautam. Histogenesis of primary motor area of fetal cerebrum. *International Journal of Current Research and Review* 2021; 13(19):1-4
362. Junneshwar Bidve, Vaibhav Kapre. Comparison of Jacobson progressive muscle relaxation and diaphragmatic breathing technique on cardio-respiratory parameters and level of stress on pre-hypertensive patients. *Journal of Cardiovascular Disease Research* 2021;12(3):1930-1936.
363. Julio Cesar Gali, Robert F Laprade, Nileshkumar Vishwakarma, Julio Cesar Filho Gali. Dual postero-medial portal technique for posterior cruciate ligament tibial avulsion fracture Fixations. *Arthroscopy Techniques* 2021; 10(10): e2229- e2235.
364. Arya Bodhe, Archana Chatterji. Incidence of abruptio placentae and its effect on mother and foetus. *Journal of Dental and Medical Sciences* 2021;20(4):58-61.
365. Tajuddin Chitapure, Waqar M Naqvi. Polydactyly and associated joint dysfunction for left foot: A quintessence case. *Pan African Medical Journal* 2021;39(258):1-2.
366. Latika Gupta, Durga Misra, Vishwesh Agarwal, Suma Balan, Vikas Agarwal. Response to: 'Telerheumatology in COVID-19 era: A study from a psoriatic arthritis cohort' by Costa et al. *Annals of the Rheumatic Diseases* 2021; 80(4):1-2.
367. Mogal Vajed, Sajgure Atul, Dighe Tushar, Mulay Atul, Bale Charan. Role of ambulatory blood pressure monitoring in management of hypertension in patients with chronic kidney disease on hemodialysis. *Journal of Kidney Treatment and Diagnosis* 2021; 4 (3): 33-37.
368. Kadam Rajesh, Rathod Swati, Jitendra Rathod. The correlation between blood: Salivary glucose levels in diabetic and non-diabetics. *MedPulse International Journal of Pharmacology* 2021; 17 (2):6-8.

❖ **Book in Chapters:-**

1. Rajani Mullerpatan. Biomechanics of indigenous postures chapter 19, in the book Basic Biomechanics of the Musculoskeletal System, 5th edition published by Wolters Kluwer. ISBN-13: 978-1975141981, ISBN-10: 1975141989. Page no. 469.
2. Pravin Suryawanshi. Safe Laparoscopic Splenectomy: Evidence and Recommendations, Book: Safety in Minimal Access Surgery Evidence and Recommendations, Jaypee Brothers Medical Publishers (P) Ltd, ISBN: 9789390595570, First Edition: 2021 Page No. 107.
3. Mansee Thakur. Green Synthesis of Iron Oxide Nanoparticles and its Biomedical applications, in the book of Nano-technology in the Life Sciences Published by Springer Nature Journal, ISBN No.978-3-030-64410-9; 1st Edition 2021. Page No. 83-101.
4. SV Kulkarni, Priyanka Jadhav, Ajay Kukreja, Sagar Sinha, Laxman G Jessani, Manasi Kulkarni, Aditya Kulkarni. Basic Computer and smartphone: Technology for practicing physicians in COVID-19 Era chapter-237, in the book Medicine Update 2021 (Volume -1), The Association of Physicians of India, ISBN - 9788194874287; Page no. 1612 -1617
5. Shubhangi S. Dere. Drug Induced Psychiatric Conditions.Chapter-16, in the book Essentials of psychiatry for dermatology and aesthetic practice. Apsara Prakashana, ISBN 97881-94854968. Page No.182
6. Mini Mol, Shweta D. Gowda. Surrogate Motherhood-An Act of Violation or Protection of Human Rights. Chapter -18, in the books New Frontiers in Medicine and Medical Research. B P International. I ISBN - 9789391882099; Page No. 162-167
7. S H Talib, Yusuf Talib, G. Punde. Electrophysiologic and transcriptome analysis in cases of prediabetic/asymptomatic diabetic and diabetic persons with neuropathy. In the Advances in Medicine and Biology. ISSN: 2157-5398.
8. Yogesh Patil Yogesh, Suri Vinod, Suri Aseem Vinod, Kar Harpriya, Thakur Mansee Kapil. Development of low-cost PCR product detection system for screening and diagnosis of infectious diseases book Techno - Societal 2020. Springer International Publishing. ISBN 9783030699215.
9. Jibril I M Handuleh, Victor Pereira-sanchez., Justo E Pinzo'n-espinoza., Darpan Mohinder Singh Kaur. Developing A Curriculum in Global Mental Health. Innovations in Global Mental Health; Springer International Publishing. ISBN 97833197013491391.

❖ **Academic and Industrial Collaborative:-**

1. MGM Medical College and Hospital, Navi Mumbai and Smt. Kashibai Navale Medical College and General Hospital, Molecular Lab, Narhe Pune, signed MOU for testing of H1N1 Influenza testing on RT PCR on 27th November, 2021.
2. MGM Medical College and Hospital, Navi Mumbai and Pfizer limited, Bandra Kurla Complex, Mumbai, Signed MOU for internship of student on 1st February, 2022.
3. MGM Medical College and Hospital, Navi Mumbai and International Neuromodulation Society, Jaslok Hospital and Research Centre, Mumbai, signed MOU for conducts workshop of train doctors in the field of neuro- modulation, Cold storage facility and storage at fresh of cadaverat 20-degree Celsius, 2nd February, 2022.
4. MGM Medical College and Hospital, Navi Mumbai and Social Evangelical Association for Love, Vangani, Nere, New Panvel, signed MOU for Hospital Services to patients care on 2nd May, 2022
5. MGM Medical College and Hospital, Navi Mumbai and Primary Health Centre, Nere, Zilla Parishad, Raigad, signed MOU for Tertiary health care services on 1st January, 2021.
6. MGM Medical College and Hospital, Navi Mumbai and Chief Executive Officer zilla Parishad Alibag Distric Raigad, & District National Tuberculosis Elimination Programme Society, signed MOU for District Raigad - TB center on 1st April, 2021.
7. MGM Medical College and Hospital, Navi Mumbai and Heartfulness Education Trust orth Block N-34, Kanha Shanti Vanam, Mallapur, Telangana signed MOU for Academic, Clinical training, Internship, Project work, student/ faculty exchange, Research on 10th December 2021.
8. MGM School of Biomedical, Navi Mumbai and SRCC Centre of Child Development 1A Keshavrao khadye Marg, Haji Ali, Haji Ali Govt colony Mahalakshmi Mumbai, Telangana signed MOU for Academic, Clinical training, Internship, Project work, student/ faculty exchange, Research on 30th October, 2021.
9. MGM School of Biomedical, Navi Mumbai and ai Jerbai Wadia Hospital for children, Acharya Dhonde Marg, Parel Mumbai, signed MOU for Standarddisation of microchondrial depletions using qPCR and validating it on control and patients on 28th April, 2021.
10. MGM School of Biomedical, Navi Mumbai and ai Jerbai Wadia Hospital for children, Acharya Dhonde Marg, Parel Mumbai, signed MOU for Standardization of Mitochondrial DNA deletion using long range PCR and validating it on control and patients on 28th April 2021.
11. MGM School of Biomedical, Navi Mumbai and SRL Diagnostics, Goregaon (W), Mumbai, signed MOU for Study of rearrangement pattern of cMYC gene in high grade lymphomas on 31st May 2021.

MGMIHS ANNUAL REPORT 2021-22

12. MGM School of Biomedical, Navi Mumbai and SRL Diagnostics, Goregaon (W), Mumbai, signed MOU for Study of Biomarker testing for detection of spectrum of variants of ALK gene by Fluorescence in situ hybridization (FISH) in non-smallscale lung cancer on 31st May 2021.
13. MGM School of Biomedical, Navi Mumbai and Logical Life Sciences Pvt Ltd, Pune, signed MOU for Student training, Project work Collaborative resaerch on 11th May 2021.
14. MGM School of Physiotherapy, Navi Mumbai and Shri Vithal Education and Research Institute (SVERI) signed MOU for Academic, Project work, student/faculty exchange, Research on 9th February, 2022.
15. MGM School of Physiotherapy, Navi Mumbai and Mahatma Education Society's Pillai College of Engineering, Panvel Signed MOU for Collaboratively create a hollistic approach and ecosystem to support academic, research and innovation activities, on 9th May 2022.
16. MGM School of Physiohterapy, Aurangabad and Samagra Shikshan Abhiyan Aurangabad Muncipal Corporation Aurangabad and Saksham Sambhaji Nagar signed MOU for Academic, Project work and Student Exchange on 11th July, 2022
17. MGM School of Physiohterapy, Aurangabad Sports Auhority of India and MGM School of Physiotherapy, signed MOU for Gragauates post graduates will attend clinical training at sport authority of Inida, Aurangabad on 9th October, 2021.
18. MGM School of Physiohterapy, Aurangabad and Primary Health care Centre Warudkazi and Association sub centres sports Auhority of India and MGM School of Physiotherapy, signed MOU for Academic, Project work, student/faculty exchange, Research on 19th January, 2021.
19. MGM Medical College and Hospital, Aurangabad and Aurangabad Health Care & Research LLP, Signed MOU for Clinical Research Signed MOU for clinical trial on 27th January 2021.
20. MGM Medical College and Hospital, Aurangabad and Canvass clinical Research Services Pvt Ltd, Signed MOU for Clinical Research Signed MOU for clinical trial on 04th August 2021.
21. MGM Medical College and Hospital, Aurangabad and Med Tricare clinical research solution signed MOU for clinical trial on 12th July 2022
22. MGM Medical College and Hospital, Aurangabad and Meticulous Healthcare and Research Services LLP singed MOU for clinical trial 24th January 2022.
23. MGM Medical College and Hospital, Aurangabad and Metta Clinical Research signed MOU for clinical trail on 10th February 2021.
24. MGM Medical College and Hospital, Aurangabad and Oxygen Clinical Research Services, signed MOU for clinical trail on 27th April 2022

MGMIHS ANNUAL REPORT 2021-22

25. MGM Medical College and Hospital, Aurangabad and Skyline CRS INDIA Pvt.Ltd, signed MOU for clinical trail on 23rd December 2021
26. MGM Medical College and Hospital, Aurangabad and Grapecity Research Solution LLP, signed MOU for clinical trail on 7th April, 2021
27. MGM Medical College and Hospital, Aurangabad and Hetero Biopharma Limited, signed MOU for clinical trail on 24th May, 2021
28. MGM Medical College and Hospital, Aurangabad and Glenmark Pharmaceuticals Limited, signed MOU for clinical trail on 1st October, 2021
29. MGM Medical College and Hospital, Aurangabad and George Clinical India Private.Ltd., signed MOU for clinical trail on 7st September, 2021
30. MGM Medical College and Hospital, Aurangabad and Glenmark Pharmaceuticals Limited, signed MOU for clinical trail on 12th April 2022.
31. MGM Medical College and Hospital, Aurangabad and ICON Clinical Research India Private Limited signed MOU for clinical trail on 17thJune 2022
32. MGM Medical College and Hospital, Aurangabad and Abiogenesis Clinpharm Private Limited, signed MOU for clinical trail on 12th February 2022.

MGMIHS ANNUAL REPORT 2021-22

Collaborations

 <p>American College of Surgeons</p>	 <p>Advanced Trauma Life Support</p>	 <p>Indian Council of Medical Research</p>	 <p>American Heart Association</p>
 <p>SNDT Women's University, Mumbai</p>	 <p>Ontariotech University Canada</p>	 <p>Queen's University Canada</p>	 <p>Swami Vivekananda Yoga Anusandhana Samsthana Bangalore</p>
 <p>Pillai College of Engineering</p>	 <p>Shri Vithal Education & Research</p>	 <p>BETIC COEP IITB VNIT</p>	 <p>International Society Research</p>
 <p>Cardiff University</p>	 <p>University of Sydney</p>	 <p>Indian Institute of Technology, Madras</p>	 <p>Department of Biotechnology, Government of India</p>

MGMIHS ANNUAL REPORT 2021-22

 <p>World Spine Care</p>	 <p>Indian Institute of Technology, Bombay</p>	 <p>Kaivalyadhama, Yoga Institute and Research, Lonavala</p>	 <p>Sancheti College of Physiotherapy, Pune</p>
 <p>Ratna Nidhi Charitable Trust</p>	 <p>Department of Health Research Ministry of Health and Family Welfare Government of India</p>	 <p>Department of Science & Technology, Government of India</p>	 <p>Board of Research in Nuclear Sciences</p>
 <p>Smt. Kashibai Navale Medical College & General Hospital</p>	 <p>Pfizer limited, Mumbai</p>	 <p>Jaslok Hospital & International Neuromodulation Society</p>	 <p>Social Evangelical association for Love, Vangani, Nere</p>
 <p>Heartfulness Education Trust</p>	 <p>SRCC Centre of Child Development</p>	 <p>SRL Diagnostics, Goregaon</p>	 <p>Logical Life Sciences Pvt Ltd, Pune</p>

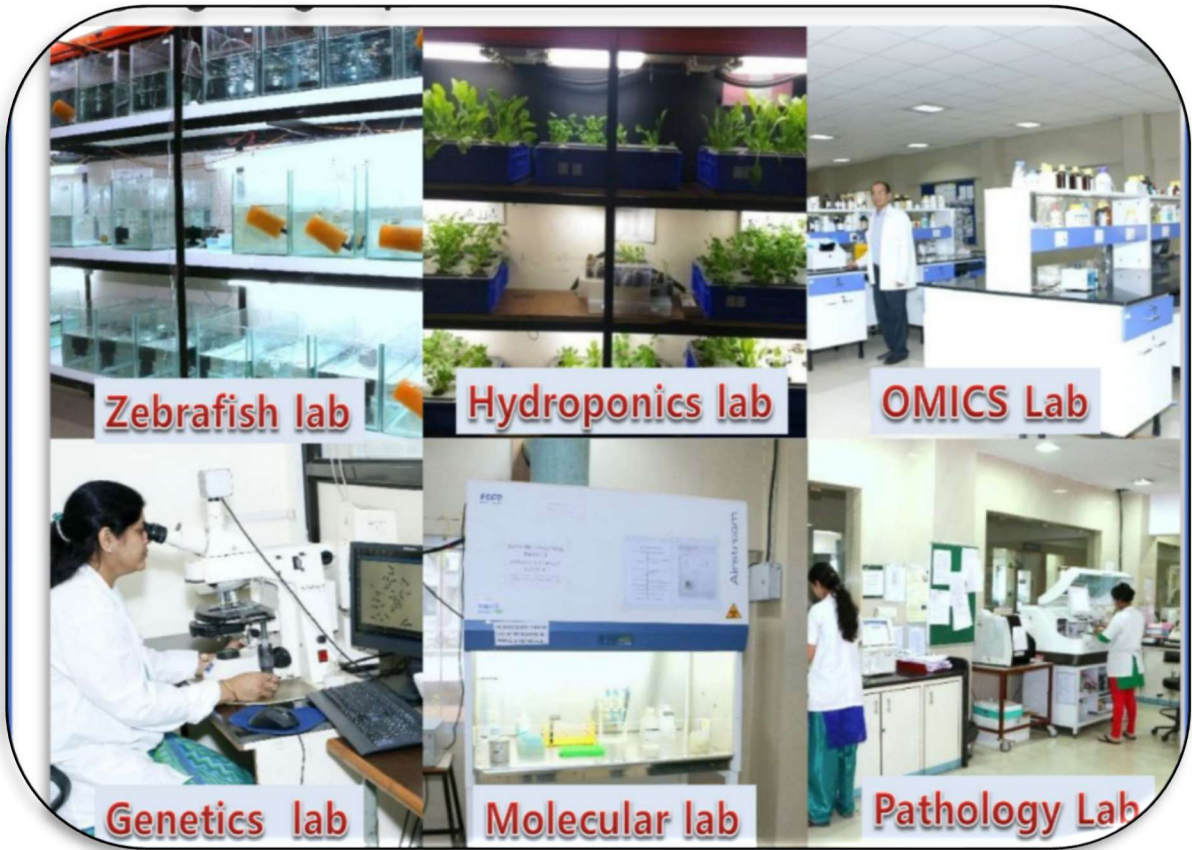
MGMIHS ANNUAL REPORT 2021-22

 <p>Canvass Clinical Research Services Pvt.Ltd</p>	 <p>Med Tricare clinical</p>	 <p>Meticulous Healthcare & Research Services</p>	 <p>Metta Clinical Research</p>
 <p>Oxygen Clinical Research Services</p>	 <p>Skyline CRS INDIA PVT LTD</p>	 <p>Hetero Biopharma Limited</p>	 <p>Glenmark Pharmaceuticals Ltd</p>
 <p>George Clinical Research</p>	 <p>ICON Clinical Research</p>	 <p>Abiogenesis Clinpharm Private Limited</p>	

Laboratoris Facilities

NABL Accredited Laboratories

SIRO Recognised Research Laboratories





Anat Museum-Aurangabad

Anatomy Museum, Aurangabad



Anatomy Dissection-Aurangabad

Antomy Dissection, Aurangab



Anatomy Museum, Navi Mumbai



Skill Lab, Navi Mumbai



CAL Lab MGM Medical Navi Mumbai



Kinesiotherapy Laborato



Mahatma Gandhi Mission's

MEDICAL COLLEGE

KAMOTHE, NAVI MUMBAI



**Constituent Unit of
MGM INSTITUTE OF HEALTH SCIENCES
DEEMED TO BE UNIVERSITY**

u/s 3 of UGC Act 1956

NAAC Accredited Grade A⁺⁺

NABH Hospital

NABL Clinical Laboratories

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/ MCh 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. Certificate of Appreciation for Monthly Swachhata Action Plan “Showcase: the success of sustainability” by Mahatma Gandhi National Council of Rural Education from department of Higher Education, Ministry of Education, Government of India, 16.03.2022
2. Certificate of Appreciation to Head of Institute for World Environment Day celebration from department of Higher Education, Ministry of Education, Government of India, in June 2022
3. Certificate of Excellence from IIT Kharagpur for outstanding Contribution in coordinating the training center program on National level Championship – Bioinformatics and Genetic engineering using CRISPR, Dec. 2021
4. First place winner for Green Hospital Abstract on the occasion of World health Day, 2022 by National Health Authority
5. Swachhata Award “1st Rank in College category” by Panvel Municipal Corporation, 16.05.2022
6. Swachhata Award “2nd Rank in Hospital category” by Panvel Municipal Corporation, 16.05.2022
7. NABH Accreditation by NABH, Constituent Board of Quality Council of India, Validity of certificate: 16.09.2020 to 15.09.2023
8. NABL Accreditation- ISO 15189: 2012, by NABL, Validity of certificate: 26.04.2022 to 25.04.2024
9. 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
10. Awarded with 5-star certificate - Eat Right Campus, by Food Safety & Standard Authority of India (FSSAI). Validity: 14.02.2022 to 14.02.2024
11. 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

MGMIHS ANNUAL REPORT 2021-22

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 Jyotiba Phule Arogya Yojna. The Hospital is treating patients on charity basis, beneficial for the needy patients.

Medical Educational Unit organises 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 1000 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 unwaveringly 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)**

Under Graduate and Post Graduate Course(s)

Sr. No.	Name of Subject	Recognized	Permitted	Total Intake for 2021-22
	UG Programme			
1.	MBBS	150	-	150
	MD/MS Programs			
1.	MD- Anatomy	5	---	5
2.	MD- Physiology	3	---	3
3.	MD- Biochemistry	2	---	2
4.	MD- Microbiology	2	---	2
5.	MD- Pharmacology	4	---	4
6.	MD- Pathology	6	5	11
7.	MD- Community Medicine`	2	0	2
8.	MD- General Medicine	8	6	14
9.	MD- Respiratory Medicine	1	2	3
10.	MD- Dermatology & V.L.	2	1	3
11.	MD- Paediatrics	8	3	11
12.	MD- Anaesthesiology	8	3	11
13.	MD- Radiodiagnosis	6	2	8
14.	MD- Psychiatry	2	1	3
15.	MD- Emergency Medicine	2	3	5
16.	MD- Geriatrics	2	0	2
17.	MD-Immuno Hematology & Blood Transfusion	1	2	3
18.	MS- General Surgery	6	6	12
19.	MS-Orthopaedics	8	3	11
20.	MS-Ophthalmology	4	0	4
21.	MS-Obst. & Gynaec	8	4	12
22.	MS-ENT	2	1	3
23.	MS- Traumatology & Surgery	0	2	2
24.	MD-Family Medicine	0	2	2
	Total	92	46	138

MGMIHS ANNUAL REPORT 2021-22

Sr. No.	Name of Subject	Recognized	Permitted	Total Intake for 2021-22
	Superspecialty Courses/Seats			
1.	MCh-Urology	1	2	3
2.	MCh-CVTS	1	0	1
3.	DM-Cardiology	1	2	3
	Total	3	4	7

Fellowship Programms

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

Teaching Faculties:

Sr. No.	Designation	Existing
1	Professor	67
2	Associate Professor	48
3	Assistant Professor	97
4	Tutor	34

Books & Journals Available in Central Library

Sl. no.	Departments	No. of Titles	No. of Books	Cost of Books	Journals		Total Journals	Cost of Journals
					International	National		
<i>Pre-Clinical</i>								
1.	Anatomy	-	-	-	-	1	1	11500.00
2.	Physiology	-	-	-	1	2	3	86969.89
3.	Biochemistry	-	-	-	1	1	2	53304.65
<i>Para Clinical</i>								
4.	Pathology	-	-	-	3	2	5	332262.31
5.	Microbiology	-	-	-	2	2	4	443249.77
6.	FMT	-	-	-	-	1	1	10000.00
7.	Community Medicine	8	47	43293.00	2	2	4	52527.36
8.	Pharmacology	-	-	-	1	2	3	127126.48
<i>Clinical Medicine Allied</i>								
9.	Medicine	-	-	-	3	5	8	306802.16
10.	Geriatrics	-	-	-	1	1	2	66474.36
11.	Respiratory Medicine	-	-	-	2	2	4	216298.01
12.	Emergency Medicine	-	-	-	2	2	4	425818.65
13.	Sport Medicine	-	-	-	1	-	1	160247.01
14.	Radio diagnosis	-	-	-	2	2	4	182639.32
15.	IHBT	-	-	-	2	2	4	270118.39
16.	Dermatology	5	5	46480.00	3	2	5	378650.88
17.	Psychiatry	-	-	-	2	2	4	241073.83
18.	Anaesthesiology	-	-	-	2	2	4	328148.7
19.	Family Medicine	-	-	-	2	-	2	267661.66
20.	Paediatrics	-	-	-	2	2	4	330436.04
21.	Hospital Administration	-	-	-	-	-	-	-
<i>Clinical Surgery Allied</i>								
22.	Surgery	-	-	-	1	2	3	110342.6
23.	Orthopedics	-	-	-	2	2	4	146044.06
24.	ENT	-	-	-	2	2	4	215426.26
25.	Ophthalmology	-	-	-	2	2	4	129288.59
26.	OBGY	5	9	33866.00	2	2	4	297342.14
27.	Traumatology & Surgery	-	-	-	1	-	1	90384.41
28.	Neurology	-	-	-	-	-	-	-
29.	Neurosurgery	-	-	-	-	-	-	-
<i>Super Specialty</i>								
30.	Cardiology	-	-	-	1	2	3	88680.10
31.	CVTS	-	-	-	2	1	3	333767.57
32.	Urology	-	-	-	2	2	4	429712.18

MGMIHS ANNUAL REPORT 2021-22

<i>Sl. no.</i>	<i>Departments</i>	<i>No. of Titles</i>	<i>No. of Books</i>	<i>Cost of Books</i>	<i>Journals</i>		<i>Total Journals</i>	<i>Cost of Journals</i>
					<i>International</i>	<i>National</i>		
<i>Miscellaneous</i>								
33.	Medical Education	-	-	-	4	-	4	1069890.78
34.	General Reading	01	01	9000.00	-	3	3	6875.00
<i>Total:</i>		<i>19</i>	<i>62</i>	<i>132639.00</i>	<i>53</i>	<i>53</i>	<i>106</i>	<i>72,09,063.16</i>

Databases

BMJ Case Reports (Online Only)	https://journals.bmj.com/home	822627.00
BMJ Journals Smart Collection		
UpToDate Database	www.uptodate.com	834000.00
DELNET (Developing Library Network)	https://delnet.in/	19470.00
Total=		16,7,6097.00

MGMIHS ANNUAL REPORT 2021-22

Details of CME Programmes, Conference & Academic Activities Conducted

Sr. No.	Date	Particular
1.	10 th to 12 th Dec. 2021	6 th ATLS Workshop by Skill Lab, (Application No. 202154893) MMC accredited 4 points
2.	13 th to 14 th Dec. 2021	Annual UG Skills Workshop by Skill Lab (Non Accredited)
3.	13 th March 2022	RADIOCON 2022, (Application No. MMC202249035) (MMC Accredited 2 points)
4.	03 rd March 2022	World Hearing Day Theme To hear for life listen with care by PSM (Non Accredited)
5.	30 th March 2022	World TB Day by Respiratory Medicine (Non Accredited)
6.	15 th to 17 th April 2022	Temporal Bone Workshop 2022 by ENT Dept (Application No. MMC202262528) MMC accredited 4 points
7.	12 th to 15 th May 2022	CIPM Workshop by Anatomy Department (Application No. 202275358) MMC accredited 4 points
8.	07 th August 2022	Uni-compartmental Knee Replacement by Orthopaedics Dept (Application No. 20221008376) MMC accredited 1 point
9.	23 rd August 2022	CME & workshop on Women's Cancer by OBGY & Pathology Dept (Application No. 20221010587) MMC accredited 1 point
10.	25 th August 2022	CME update on Monkey Pox by Microbiology & Community Dept (Application No. 20221017734) MMC accredited 1 point



Guest Lecture organized by Medical College & Hospital

Sr. No	Department	Title of professional development program organised for teaching staff	Dates (from-to)
1.	OBGY	Dr. Anita Agarwal 1) Management of Difference Gynecological Cancer 2) Obesity in Gynecological Surgery	14.12.2021
2.	MGMIHS Navi Mumbai	Academic Research management Dr. Nanasahab Thorat, Senior Scientist, University of Oxford, UK	02.02.2022
3.	Ophthalmology	Dr. Sumit Lahane, Occuloplasty Expert	19.07.2022
4.	ENT	Temporal Bone Dissection Workshop Organized Dr Morwani,s ENT and skull base group	15.04.2022 to 17.04.2022

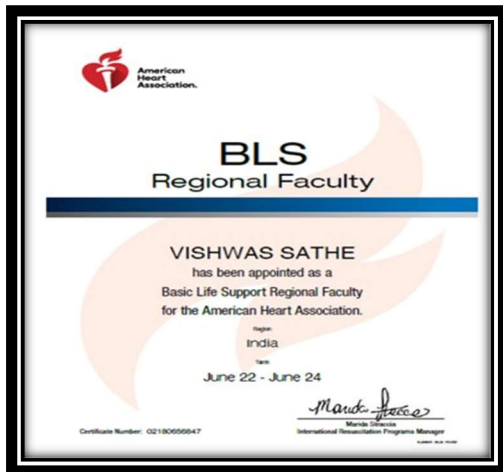
List of Institution's Awards / Accreditation / Approval

Name	Details of award / appreciation / approval	State/ National/International	Date of receiving award / Accreditation / Approval
Monthly Swacchata Action Plan Showcase the success of sustainability by Mahatma Gandhi National Council of Rural Education from Higher Education, Ministry of Education GOI	Monthly Swacchata Action Plan Showcase the success of sustainability	National	16.03.2022
Certificate of Appreciation to Head of Institute for World Environment Day celebration WED HoI	World Environment Day	National	June 2022
IIT Kharagpur for outstanding co-ordination for training	IIT Kharagpur	National	Dec. 2021
First place winner for Green Hospital Abstract Initiative on the occasion of World health Day, 2022	National Health Authority	National	2022
Swachhata Award "1 st for College"	Panvel Municipal Corporation	District	16.05.2022
Swachhata Award "2 nd for Hospital"	Panvel Municipal Corporation	District	16.05.2022
NABH Accreditation	NABH	National	16.09.2020 to 15.09.2023
NABL Accreditation	NABL	National	26.04.2022 to 25.04.2024
CME Accreditation (MMC points)	Maharashtra Medical Council, Mumbai,	State	25.01.2019 to 09.10.2023
5 star certificate - Eat Right Campus	Food Safety & Standard Authority of India	National	14.02.2022 to 14.02.2024
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	National	27.01.2022 to 27.01.2024

Awards for Faculty

Name of the awards	Name of the Faculty/student	Designation	Awarding Agency	Year of award
WIRI Excellence Award	Dr. Anahita Hodiwala, Microbiology	Teacher (Faculty)	Women in Rotary Club	31.08.2021
Best Researchers Award - International Conference for Award Winner on Engineering, Science & Medicine: Best Researchers Award	Dr. Anahita Hodiwala, Microbiology	Teacher (Faculty)	VDGOOD Professional Association	12.11.2021
FAIMER Fellowship	Dr. Kavita More envelop	Teacher (Faculty)	Seth G S Medical College Mumbai	19.07.2022
Professor of Anaesthesiology, BLS Regional Faculty Appointment (India region)	Dr. Vishwas Sathe	Teacher (Faculty)	American Heart Association	June 2022 to June 2024
Got COVID - 19 WARRIOR Member NMMC COVID TASK FORCE	Dr. Jessy Vennel, HoD Anaesthesiology	Teacher (Faculty)	NMMC	07.04.2022
Oral Presentation -Advances in Microbiology 2nd Prize - Oral Presentation : Isolation and characterization of biosurfactant producers from soil	Ms. Pooja Sharma, Microbiology	Research Scholars	National Conference MICON - 2022, Yenepoya Research Centre	02.02.2022
Oral Presentation -Advances in Microbiology 2nd Prize - Prevalence of Carbapenem Resistant Pathogens isolated from Ventilator Associated Pneumonia (VAP) in COVID-19 Patients Admitted to ICU	Ms. Anamika Chalwadi, Microbiology	Research Scholars	National Conference MICON - 2022, Yenepoya Research Centre	02.02.2022
3rd Prize in National student Research Convention - Anveshan 2021 - 22 Conference	Mr. Prithviraj Erande, Pharmacology	Research Scholars	AIU & AMET	27.03.22 to 28.03.22
1 st in Dance Competition	Mrs. Kadambari Kulkarni Mrs. Sanika Mhaskar Mrs. Mangal Patil Mrs. Varsha Bhandwalakr Mr. Abhijit Roadpalkar Dr. Lalita Chavan Ms. Priyanka Harugale, Mrs. Urmila Patil	Teaching & Non teaching Faculty	Azadi ka Amrut Mahotsav by MGMIHS	15.08.2022

Glimpse of Awards



MGMIHS ANNUAL REPORT 2021-22

UG / PG Students Award :

Year	Name of the student	Name of the award/ medal	Sports / Cultural	State / National / International
2022	Ms. Sameeksha Sarkar	Certificate of Achievement - Indian Traditional Music – Vocal Solo at AIIMS New Delhi	Cultural	National
2022	Ms. Sameeksha Sarkar	Certificate of Merit- Singing Cultural Feast - Armed Forces Medical College	Cultural	State
2022	Dr. Shiny Choubey	Dr. Bahlerao Prize for Scientific Paper Presentation at 49 th Annual National Conference of IAPSM & 25 th Joint IAPSM & IAPSM & IPHA Conference, Maharashtra Chapter, 3 rd to 5 th March 2022 (virtual mode)	Academic	State
2022	Ms. Rhea Sharma	Certificate of Achievement - Feast 2022 Murder Mystery	Sports	State
2022	Dr Pawan Nimbhorkar, (Family Medicine PG Student)	5th Prize in Poster Presentation “Luteoma of Pregnancy” in 76th Annual Conference of Bombay Medical Congress by INHS Ashvini Mumbai, 26 & 27 March 2022	Academic	National
2022	Dr Ravi Patil (General Medicine PG Student)	Best Paper Award in Paper Presentation "An Approach to Pituitary Microadenoma" in International Conference on Engineering, Science and Medicine by VDGGOOD Professional Association 25.06.2022	Academic	International
2022	Dr. Sujoy Mani (Radiodiagnosis PG Student)	1 st in Paper Presentation “Value of Ultrasound in early Diagnosis of Acute Kidney Injury in Patients with Vasculo-Toxic snake bite- A Retrospective study” by SONOBUZZ- 2022- The Ultrasound Festival, Mumbai on 19 to 20 March 2022	Academic	State
2022	Dr. Akash Ponda (Psychiatry PG Student)	3 rd Prize in Post Presentation “Use of Electroconvulsive Therapy in treatment if late onset Catatonia Secondary to antituberculosis Treatment” in 4th Global Congress of Biological Psychiatry, Hotel Pullman, Aerocity, New Delhi on 12 to 14 Aug 2022	Academic	International
2022	Dr. Jesmin Alex, Ophthal	Paper Presentation (2nd Prize) Post-Graduate Student (third year) Hridaya (Terna Medical College) 02.06.22 to 06.06.22	Academic	State
2022	Dr. Jesmin Alex, Ophthal	Case Presentation (2nd Prize) Post-Graduate Student (third year) Hridaya (Terna Medical College) 02.06.22 to 06.06.22	Academic	State
2022	Dr. Abha Shah, Ophthal	Case Presentation (1st Prize) Post-Graduate Student (third year) Hridaya (Terna Medical College) 02.06.22 to 06.06.22	Academic	State
2022	Dr. Vishakha Malhotre, Traumatology & Surgery	Poster Presentation (2 nd Prize) Post-Graduate Student (third year) Hridaya (Terna Medical College) 02.06.22 to 06.06.22	Academic	State
2022	Dr Radhika V, Geriatrics	Mediqueen Mrs. Maharashtra, Post-Graduate Student (third year) April 2022	Academic	State
2021	Ms. Sameeksha Sarkar	Certificate of Achievement – Chess, MGM	Sports	State

MGMIHS ANNUAL REPORT 2021-22

2021	Ms. Sameeksha Sarkar	Certificate of Achievement - Singing Competition Hindi, MGM	Sports	State
2021	Ms. Sameeksha Sarkar	Certificate of Merit- Dhawani Solo, MGM	Sports	State
2021	Ms. Muskan Jagnani	Certificate of Achievement -Box-Cricket, Futsal & Tug of war, MGM	Sports	State
2021	Ms Muskan Jagnani	Certificate of Achievement -Kabbadi, MGM	Sports	State
2021	Ms Sanjana Singh	Certificate of Winner -Table Tennis, MGM	Sports	State
2021	Ms. Shagufta Hussain	Certificate of Winner - Table Tennis, MGM	Sports	State
2021	Ms. Megan Mendonca	Certificate of Winner -Basketball, MGM	Sports	State
2021	Ms. Megan Mendonca	Certificate of Winner -Table Tennis, MGM	Sports	State
2021	Ms. Maitree Shah	Certificate of Achievement -Fashion Show, MGM	Sports	State
2021	Ms. Maitree Shah	Certificate of Achievement – Kabbadi, MGM	Sports	State
2021	Mr. Nitish Sahu	Certificate of Achievement – Carrom, MGM	Sports	State
2021	Ms. Vaishnavi Sawant	Certificate of Achievement - Athletics -100 Mtr., MGM	Sports	State
2021	Ms. Riya Verma	Certificate of Achievement – DEBATE, MGM	Sports	State
2021	Mr. Abhyuday Singh	Certificate of Appreciation-World Bioethics Day Celebration Essay Competition, MGMIHS	Others	State
2021	Mr. Advait Kadam	Certificate of Appreciation-World Bioethics Day Celebration Essay Competition, MGMIHS	Others	State
2021	Dr. Niharika Sabnis	Certificate of Appreciation-World Bioethics Day Celebration Poem Competition, MGMIHS	Others	State
2021	Dr. Mihir Bairat (Intern)	1 st Prize in Photography titled “Corona Warrior” in DYP ICONIC 2020 organized by D.Y. Patil Medical College, Kolhapur (Result announced in May 2021)	Others	National
2021	Mr. Abhishek Galgat	1 st Prize Shotput Boys in 6th MGM OLYMPICS at Aurangabad	Sports	Intercollegiate
2021	Mr. Kimmy Bansal	2 nd Prize Shotput Boys in 6th MGM OLYMPICS 6th MGM OLYMPICS at Aurangabad	Sports	Intercollegiate
2021	Ms. Shagufta Hussain Ms. Sanjana Singh Ms. Mukta Ghurde Ms. Medhavini Dighade Ms. Riya Mishra Ms. Anuradha Sharma Ms. Megan Mendonca	2nd Prize Basket Ball Girls, 6th MGM OLYMPICS at Aurangabad	Sports	Intercollegiate
2021	Ms. Shagufta Hussain Ms. Sanjana Singh Ms. Megan Mendonca	2nd Prize Table Tennis Girls, 6th MGM OLYMPICS at Aurangabad	Sports	Intercollegiate
2021	Ms. Riya Mishra Mr. Vandan Shingala	2nd General Knowledge Quiz, 6th MGM OLYMPICS at Aurangabad	Academic	Intercollegiate

Glimpse of Awards



Dr. Radhika V. MD Student of MD Geriatrics (2020-2023 batch) MediQueen Mrs. Maharashtra 2022



Grants for research projects sponsored by the government funding agencies

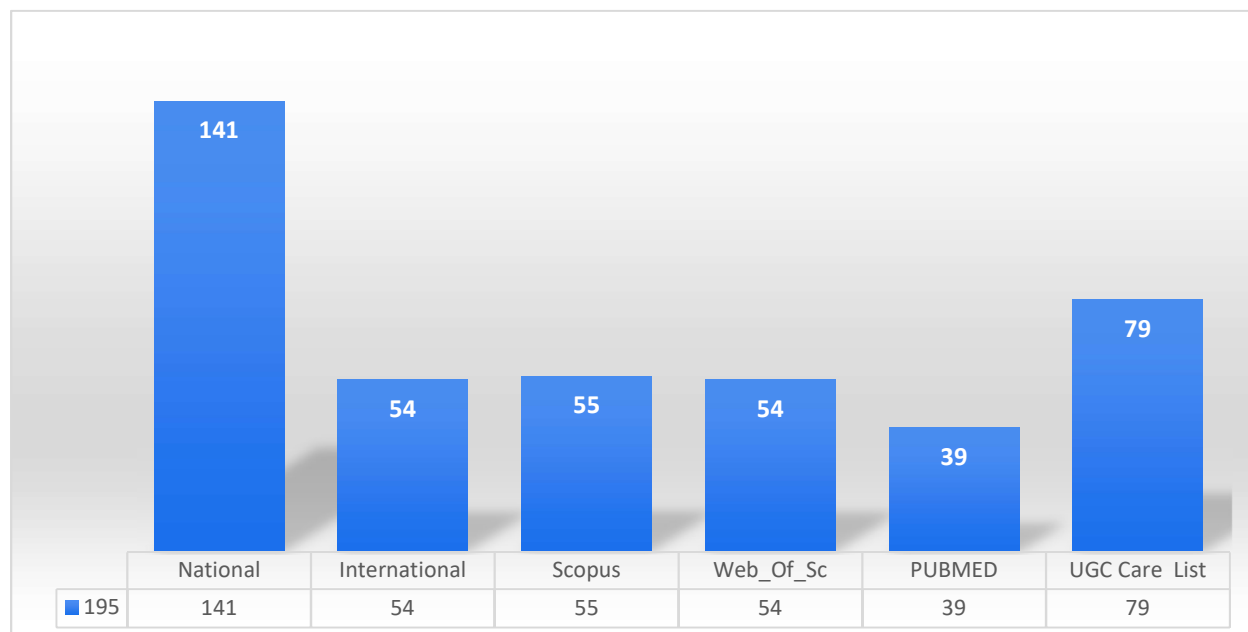
Name of the Project, Clinical Trial, Endowment, Chairs	Name of the Principal Investigator/Co Investigator	Name of the Funding agency	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of the project
Therapeutic potential of dipeptidyl peptidase (DPP) inhibitors for beta cell regeneration in prediabetes and development of natural DPP-IV inhibitors for cardiometabolic risk reduction	Dr. Ipseeta Ray Mohanty	ICMR	Pharmacology	2022	6.948	1 year
Assessing risk factors for obstructive sleep apnea (OSA) in hypertensive patients	Krutik Jain	ICMR-STS	Physiology	2022	0.5	1 yr
Screening for Mental Health in Covid-19 Survivors: Healthcare Workers Versus Non-Healthcare Workers)	Kashish Makhija	ICMR-STS	Physiology	2022	0.5	1 yr
Association between water consumption / urinary practises and incidence of urinary tract infections in working women and female college students in Navi Mumbai	Maryah M Kondkari	ICMR-STS	Biochemistry	2022	0.5	1 yr

National Days Celebration

Sr. No.	Date	Particular	Name of the faculty
1.	3 rd December 2021	International Day of Persons with Disability	PMR (Physical Medical & Rehabilitation) Department in association with Physiotherapy, Prosthetic & Orthotics
2.	9 th November 2021	World Immunization Day	RHTC, Community Medicine
3.	12 th November 2021	World Diabetes Day	RHTC, Community Medicine, General Medicine
4.	13 th to 15 th August 2022	Celebration of Independence Day	MGM
5.	2 nd August 2022	World Breastfeeding Week	NSS Unit & Department of Paediatrics
6.	26 th January 2022	Republic Day	MGM
7.	24 th February 2022	Interaction on Research & Innovation as envisaged in New National Education Policy 2020 of India on Occation of National Science Day 2022	MGMIHS Navi Mumbai
8.	8 th March 2022	Women's Day Celebration	MGM Medical College & Hospital, Kamothe, Navi Mumbai
9.	17 th March 2022	National Vaccination Day Celebration	NSS Unit & Community Medicine
10.	4 th June 2022	World Hypertension Day	NSS Unit & Community Medicine



Publications (year 2022)

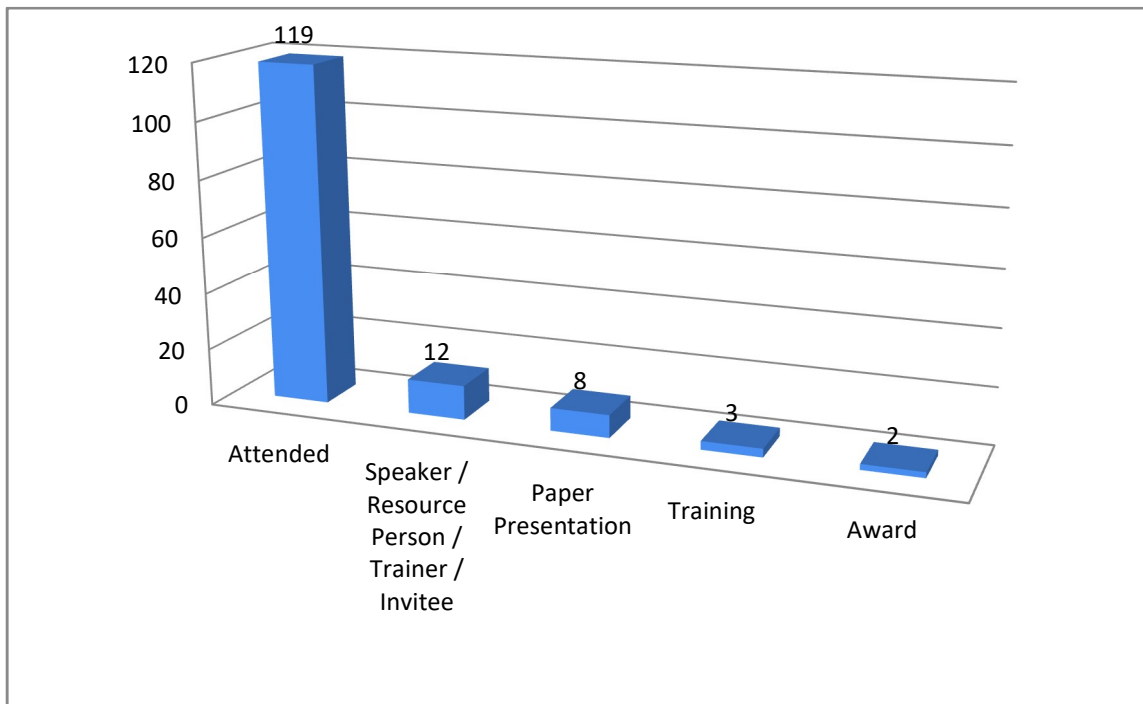


Books & Chapter:

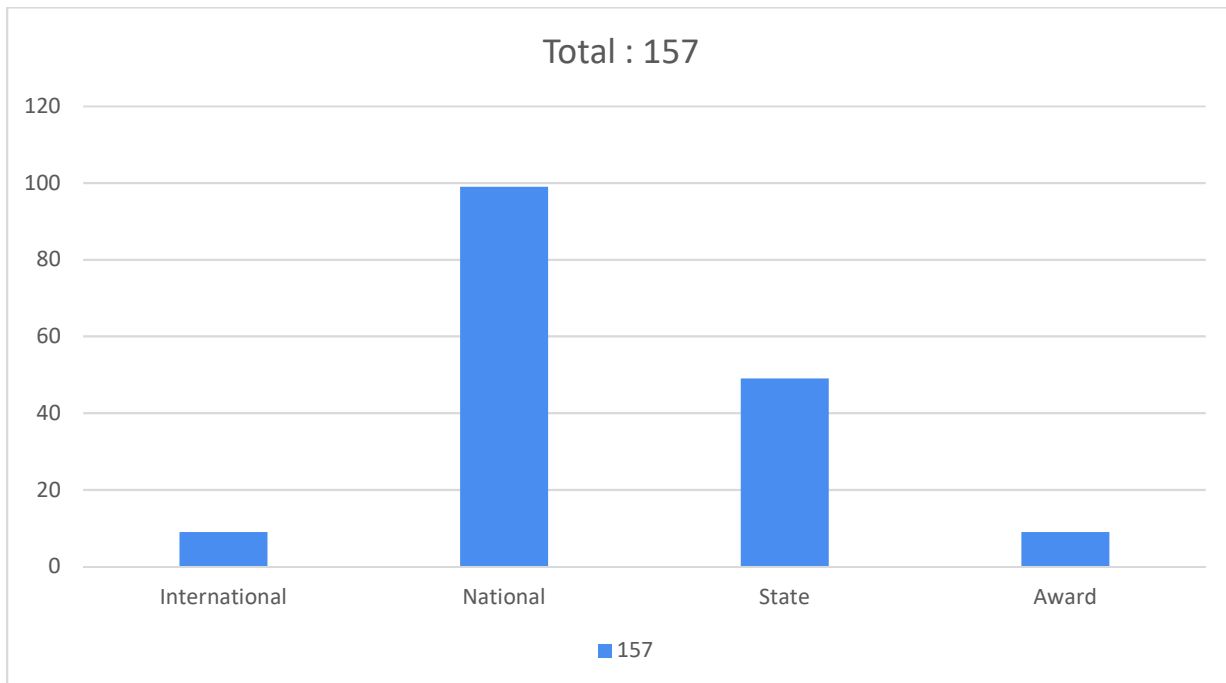
Title of book/ chapters	Journal Name	Name of the authors	National/ International	Year	ISBN/ISSN number
Down syndrome: history and overview	Genetics and Neurobiology of Down Syndrome	Bani Bandana Ganguly., Nitin N Kadam	International	2022	978-0-3239-0456-8
Homeopathy as a Nanomedicine: A Scientific Approach	Genetics and Neurobiology of Down Syndrome	Himanshu Gupta., Nitin N Kadam., Shankargouda Patil., Mansee Thakur	International	2022	978-0-323-90456-8
Morphometrical Analysis of Suprarenal Gland in Fetuses of Different Gestational Ages	Nanotechnology in the Life Sciences	Mini Mol P., Shroff Gautam Ajit., Sumi Elizebeth Reny	International	2022	978-3-0308-2917-9
Heart Rate Variability, Blood Pressure Variability: What Is Their Significance in Hypertension	Issues and Developments in Medicine and Medical Research	Uday M Jadhav., Shilpa A Kadam	International	2022	978-9-3554-7505-3
Epidemiology	Updates in Hypertension and Cardiovascular Protection	Manish Pathak & Dattatray Bhusare	International	2022	978-3-0309-5733-9

MGMIHS ANNUAL REPORT 2021-22

Faculty Attended, Oral Paper / Poster Presentation, Invited as Speaker, Observer, Appreciated / Awarded in National, International, State Conference /CME/Workshop



PG Students Participation/ Paper / poster presentation in Seminar/ Conferences/ Symposium/Workshop/ Webstreaming)



STUDENT PROGRESSION

Sr. No	Name (s) of students progressed into higher education	Department graduated from	Name of institution joined	Name of Programme admitted to
1.	Dr. Ajay Dayal Dodeja	MBBS	Dr. Panjabrao Alias Bhausaheb Deshmukh Memorial Medical College, Amravati	Skin and VD
2.	Dr. Bhanushali Toral Jethalal	MBBS	Imambara Districat Hospital	(NBEMS) Paediatrics
3.	Dr. Gaikwadd Gayatri Deepak	MBBS	Rajiv Gandhi Medical College, Thane	P.S.M.
4.	Dr. Ganvir Aditya Gautam	MBBS	MGM Medical College, Navi Mumbai	M.D. (Emergency and Critical Care) M.D. (Emergency Medicine)
5.	Dr. Gharat Gauri Hemantkumar	MBBS	Dr. Ulhas Patil Medical College, Jalgaon	P.S.M.
6.	Dr. Jadhav Pratosha Mohan	MBBS	SMBT Institute of Medical Sciences & Research Centre, Igatpuri, Nashik	Anaesthesia
7.	Dr. Khamar Darshali Shailesh	MBBS	Pravara Rural Medical College, Loni	M.S. (Ophthalmology)
8.	Dr. Manek Yogesh Bhagwan	MBBS	Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha	M.S. (General Surgery)
9.	Dr. Mhatre Shimony Dinesh	MBBS	Krishna Institute of Medical Sciences, Karad	M.D. (General Medicine)
10.	Dr. Oak Bageshree Ajit	MBBS	Sree Balaji Medical College and Hospital, Chennai	M.S. (Orthopaedics)
11.	Dr. Phalke Adheesh Rajesh	MBBS	Mahatma Gandhi Medical College, Jaipur	M.D. (General Medicine)
12.	Dr. Punjabi Sneha Vijaykumar	MBBS	Dr. D Y Patil Medical College, Navi Mumbai	M.S. (Ophthalmology)
13.	Dr. Reddy Rajlaxmi Bhaskar	MBBS	Sree Balaji Medical College and Hospital, Chennai	M.S. (Orthopaedics)
14.	Dr. Rumao Rhea Robert	MBBS	SRM Medical College Hospital and Research	M.D. (Radio-Diagnosis)

MGMIHS ANNUAL REPORT 2021-22

			entre, SRM Institute of Science and Technology	
15.	Dr. Saloni Shrimali	MBBS	Padmashri Dr. Vithalrao Vikhe Patil Foundations Medical, Nagar, Ahmednagar	Ophthalmology
16.	Dr. Shreyas Revankar	MBBS	Smt. Kashibai Navale Medical College & General Hospital, Haveli, Pune	Orthopedics
17.	Dr. Siddharth Bishnoi	MBBS	Geetanjali Medical College, Udaipur	M.S. (Orthopaedics)
18.	Dr. Tiwari Ashish Satyanarayan	MBBS	N.K.P. Salve Medical College, Hingna, Nagpur	Surgery
19.	Dr. Anushka Ashok Singh	MBBS	Rohilkhand Medical College, Bareilly, (Private) Co-Education	MD Medicine
20.	Dr. Sharmistha Singha	MBBS	School of Medical Sciences & Research, Sharda University, Greater Noida (Private) Co-Education	MD Anaesth
21.	Dr. Mandakini Katiyar	MBBS	Peoples college of Medical Science, Bhopal	MD Anaesth
22.	Dr. Jadhav Kasturi	MBBS	Pravara Rural Medical College, Loni	MS General Surgery
23.	Dr. Aishwarya Srinivasan	MBBS	Krishna Institute of Medical Sciences, Karad	MD Anaesth
24.	Dr. Halde Priyanka Dilip	MBBS	Sree Balaji Medical College and Hospital, Chennai, No. 7, Works road, Chromepet, Chennai, Tamil Nadu-600044	MS General Surgery
25.	Dr. Lavanya Seth	MBBS	Institute of Medical Sciences and sum Hospital Bhubaneshwar, K 8, Kalinga Nagar, Odisha-751003	MD Psychiatry
26.	Dr. Yash Kalra	MBBS	Dr.D.Y. Patil Medical College, Pune, Maharashtra -411018	MS E.N.T.
27.	Dr. Hiwrale Trupti	MBBS	SMBT Institute of Medical Sciences & Research Centre, Igatpuri, Nashik	MS E.N.T.

MGMIHS ANNUAL REPORT 2021-22

28.	Dr. Majid Umair Musaddique	MBBS	Indian Inst. Of Med SC & Research (Muslim Minority) Badnapur, Jalna	Pathology
29.	Dr. Gautam Tanmay Navin	MBBS	Sancheti Institute of Orthopedics & Rehabilitation, Pune City, Pune	Orthopedics
30.	Dr. Adithi Vishwanath	MBBS	Krishna Institute of Medical Sciences, Karad	Ophthalmology
31.	Dr. Sane Anushree Prafulla	MBBS	N.D.M.V.P. Samaja's Medical College, Nashik	MD Pathology
32.	Dr. Vacha Saxena	MBBS	Vinayaka Mission's Medical College, Karakal	MD Pathology
33.	Dr. Saghamitra Das	MBBS	Indian Inst. Of Med SC & Research (Muslim Minority) Badnapur, Jalna	MS Ophthalmology
34.	Dr. Kale Prathamesh Mahesh	MBBS	Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha	MS Orthopaedics
35.	Dr. Shambhavi Sahay	MBBS	D.Y. Patil Medical College, Nerul	MS Ophthalmology
36.	Dr. Sanghavi Tejas Bharat	MBBS	Padmashri Dr. Vithalrao Vikhe Patil Foundations Medical, Nagar, Ahmednagar	MS Orthopaedics
37.	Dr. Ray Ashwarya Prashant	MBBS	Walawalkar Rular Medical College, Ratnagiri	MD Pathology
38.	Dr. Shingote Apurva Sanjay Ashalata	MBBS	PDVV Patil Medical College, Ahmednagar	MD Anaesth
39.	Dr. Pattiwar Shreeya Sanjay	MBBS	D.Y. Medical College, Nerul	MS Ophthalmology
40.	Dr. Menon Priyanka Shivadas	MBBS	D.Y. Medical College, Nerul	MS Ophthalmology
41.	Dr. Shubhra Rajiv Verma	MBBS	Pacific Medical College & Hospital, Rajasthan	MS Ophthalmology
42.	Dr. Tamanna Kalra	MBBS	Adhesh Institute of Medical Sciences, Batthindu	MD IHBT
43.	Dr. Mamata Ramesh Agarwal	MD	Aravind Eye Hospital, Coimbatore	Fellowship Cornea
44.	Dr. Sonal Bharat Chavan	MD	IMSRC, SMBT College, Nashik	Minimal Access Surgery

MGMHHS ANNUAL REPORT 2021-22

45.	Dr. Sayali Amberkar	MD	Aravind Eye Hospital, Madurai	Orbit & Oculoplasty Fellowship
46.	Dr. Roshan Kumar	MD	Institute of Liver & Biliary Sciences, New Delhi	Certificate Course in Hepatology
47.	Dr. Nagarajan Sivasubramaniam	MD	Indorewala Memorial Educational and Medical Institute & Research Center, Nashik	Fellowship in Otology
48.	Dr. Aarzo S.	MS	HCG-ICS Khubchandai Cancer Centre, Mumbai	Fellowship in Head and Neck Surgical Oncology
49.	Dr. Akansha Sharma	MD (Anaesthesiology)	AIMS, Jodhpur	DM Critical Care
50.	Dr. Anshu Baser	MS - Obst. & Gynaec)	Akola Endoscopy Hospital, Akola	Fellowship Course in MAS Gynaecology
51.	Dr. Raushan Kumar	MD - General Medicine	Institute of Liver and Biliary Sciences, Vasant Kunj, New Delhi	PDCC in Hepatology
52.	Dr. Aviral Kashyap	MD - General Medicine	Mahatma Gandhi Medical College & Hospital, Jaipur	DM. Nephrology
53.	DR. Ankita Raj	MD - Pathology	Bharti Vidyapith Medical College, Pune	PDCC/ Fellowship in Diagnostic Haematology,
54.	Dr. Arcot Krishna Kishore	MD - General Medicine	M.S. Ramaiah Medical College, Bangalore, Karnataka	DM. Cardiology
55.	Dr. H. Abishek Karthik	MS - General Surgery	Meenakshi Medical College Hospital & Research Inst. Kanchipuram, Tamil Nadu	M.Ch. Urology

MGMIHS ANNUAL REPORT 2021-22

Professional Development / Orientation / Training Programme :

Year	Title of the professional development Programme organised for teaching / Non Teaching staff	Dates: (from - to) (DD-MM-YYYY)	No. of participants
2021-22	4th Cadaveric hands-on workshop - Fluoro-guided pain interventions	27.11.2021 to 28.11.2021	10
2021-22	5th Cadaveric hands-on workshop - Fluoro-guided pain interventions	15.01.2022 to 16.01.2022	9
2021-22	6th Cadaveric hands-on workshop - Fluoro-guided pain interventions	19.02.2022 to 20.02.2022	15
2021-22	Cadaveric hands-on workshop -Special Cadaveric workshop on USG + Fluoro-guided pain interventions	26.03.2022 to 27.03.2022	24
2021-22	7th Cadaveric hands-on workshop - Fluoro-guided pain interventions	30.04.2022 to 01.05.2022	12
2021-22	Cadaveric hands-on workshop - Special Fluoro-guided cadaveric workshop for a foreign delegate	03.05.2022 to 06.05.2022	
2021-22	8th Cadaveric hands-on workshop - Fluoro-guided pain interventions	10.06.2022 to 12.06.2022	12
2021-22	9th Cadaveric hands-on workshop - Fluoro-guided pain interventions	15.07.2022 to 17.07.2022	12
2021-22	Cadaveric hands-on workshop - Special Cadaveric workshop on Transforaminal Disc Decompression	30.07.2022 to 31.07.2022	19
2021-22	10th Cadaveric hands-on workshop - Fluoro-guided pain interventions	26.08.2022 to 28.08.2022	12
2021-22	CIPM-XV Comprehensive Interventional Pain Management	12.05.2022 to 15.05.2022	
2022	Workshop on Occuloplasty was conducted by Dr. Sumit Lahane on 6th August 2022. Guest lecture was taken by him, followed by 3 case presentations by post -graduate students.	19.07.2022 to 19.07.2022	21
2022	Temporal Bone Dissection Workshop Organized Dr Morwani,s ENT and skull base group	15.04.2022 to 17.04.2022	20
2021-2022	Woman's cancer- awareness is power- CME	23.08.2022 to 23.08.2022	44
2021-2022	hands on training-ANA test by IIFA	27.08.2022 to 27.08.2022	39
2021-22	Post Graduate Induction Programme for MD/MS students (Batch -2021)	01.02.2022 to 03.02.2022	61
2021-22	Post Graduate Induction Programme for MD/MS students (Batch -2021)	25.02.2022 to 27.02.2022	74
2021-22	Mandatory Training for PG's: Workshop on "Training in Research Methodology and Hospital Protocols" For First year PG students (MD/ MS 2021 Admitted Batch)	12.05.2022 to 20.05.2022	116

MGMIHS ANNUAL REPORT 2021-22

2021-22	Guest Lecture - Mandatory Training for PG's: Workshop on "Training in Research Methodology and Hospital Protocols" For First year PG students (MD/ MS 2021 Admitted Batch)	16.05.2022 to 16.05.2022	
2022-23	Workshop on "Basic course in Teacher's Training programme for Faculties of MGM Dental College, Navi Mumbai" (First Batch)	13.07.2022 to 14.07.2022	19
2020-21	Training Session of Inpods AMS Software for Non Teaching Staff" (Departmental Clerks)	07.01.2022 to 07.01.2022	23
2022	Training Session - Adequacy and importance of Test Requisition form	10.01.2022 to 11.01.2022	12
2022	Training Session - Quality Control	14.02.2022 to 14.02.2022	12
2022	Training Session - Critical Alerts	10.03.2022 to 10.03.2022	12
2022	Training Session - Staining and its Quality control	09.05.2022 to 09.05.2022	12
2022	Training Session - Biomedical Waste	15.06.2022 to 15.06.2022	12
2022	Training Session - Phlebotomy	08.07.2022 to 08.07.2022	12
2022	Training Session - Procedure for ANA analysis	27.08.2022 to 27.08.2022	12
2021-2022	Make interns, IIT, Khargpur	01.10.2021 to 30.11.2021	11
2021-2022	CME: Essay Writing Oral Presentation - Antibiotic Resistance - Key Challenges and Way Ahead	03.11.2021 to 03.11.2021	50
2021-2022	Update on Monkey Pox	25.08.2022 to 25.08.2022	112
Nov-21	Feedback of Training	01.11.2021 to 01.11.2021	14
Nov-21	Spill Management	02.11.2021 to 02.11.2021	12
Nov-21	Communication	05.11.2021 to 05.11.2021	10
Nov-21	Effective Communication	08.11.2021 to 08.11.2021	28
Nov-21	Hand Hygiene	09.11.2021 to 09.11.2021	11
Nov-21	Annual Performance Appraisal	10.11.2021 to 10.11.2021	7
Nov-21	Organ Donation	11.11.2021 to 11.11.2021	9
Nov-21	Leadership	12.11.2021 to 12.11.2021	6

MGMIHS ANNUAL REPORT 2021-22

Nov-21	Organisational Behaviour & Change	15.11.2021 to 15.11.2021	28
Nov-21	Fire & Safety	17.11.2021 to 17.11.2021	16
Nov-21	New Employees Induction	18.11.2021 to 17.11.2021	22
Nov-21	Management & Principles	19.11.2021 to 19.11.2021	8
Nov-21	Leave Management	23.11.2021 to 23.11.2021	22
Nov-21	Annual Performance Appraisal	24.11.2021 to 24.11.2021	20
Nov-21	ADR	25.11.2021 to 25.11.2021	12
Nov-21	Documentation	26.11.2021 to 26.11.2021	11
Nov-21	Feedback of Training	29.11.2021 to 29.11.2021	10
Nov-21	HIC Policy Overall	30.11.2021 to 30.11.2021	22
Dec-21	Competency Assessment Test	01.12.2021 to 01.12.2021	10
Dec-21	Feedback of Training	02.12.2021 to 02.12.2021	8
Dec-21	Communication	03.12.2021 to 03.12.2021	8
Dec-21	Fire and Safety	06.12.2021 to 06.12.2021	9
Dec-21	Awareness on Omicron	07.12.2021 to 07.12.2021	45
Dec-21	Competency Assessment Test	08.12.2021 to 08.12.2021	10
Dec-21	Time Management	09.12.2021 to 09.12.2021	22
Dec-21	Management and Principles	10.12.2021 to 10.12.2021	8
Dec-21	HR Policy	13.12.2021 to 13.12.2021	13
Dec-21	HIC Policy (NSI)	14.12.2021 to 14.12.2021	11
Dec-21	Competency Assessment Test	15.12.2021 to 15.12.2021	10
Dec-21	IPSC Goals	16.12.2021 to 16.12.2021	16
Dec-21	Quality Assurance	17.12.2021 to 17.12.2021	8

MGMIHS ANNUAL REPORT 2021-22

Dec-21	Fire and Safety	20.12.2021 to 20.12.2021	18
Dec-21	HIC Policy (Hand Hygiene)	21.12.2021 to 21.12.2021	9
Dec-21	Competency Assessment Test	22.12.2021 to 22.12.2021	10
Dec-21	Feedback of Training	23.12.2021 to 23.12.2021	12
Dec-21	Duty Roster Preparation	24.12.2021 to 24.12.2021	8
Dec-21	Feedback of Training	27.12.2021 to 27.12.2021	9
Dec-21	HIC Policy (B.M.W)	28.12.2021 to 28.12.2021	10
Dec-21	Competency Assessment Test	29.12.2021 to 29.12.2021	10
Dec-21	HR Policy	30.12.2021 to 31.12.2021	8
Jan-22	Leave Management	03.01.2022 to 03.01.2022	13
Jan-22	Competency Assessment Test	05.01.2022 to 05.01.2022	12
Jan-22	Fire and Safety	06.01.2022 to 06.01.2022	8
Jan-22	Communication	07.01.2022 to 07.01.2022	8
Jan-22	Consent Taking	10.01.2022 to 10.01.2022	11
Jan-22	HIC Policy (BMW & Spill Management)	11.01.2022 to 11.01.2022	10
Jan-22	Competency Assessment Test	12.01.2022 to 12.01.2022	10
Jan-22	Annual Appraisal Policy	13.01.2022 to 13.01.2022	9
Jan-22	Leadership and Management	14.01.2022 to 14.01.2022	8
Jan-22	Documentation	17.01.2022 to 17.01.2022	16
Jan-22	HIC Policy (Overall)	18.01.2022 to 18.01.2022	22
Jan-22	Competency Assessment Test	19.01.2022 to 19.01.2022	10
Jan-22	Employee Rights & Responsibility	20.01.2022 to 20.01.2022	10
Jan-22	Management and Principles	21.01.2022 to 21.01.2022	8

MGMIHS ANNUAL REPORT 2021-22

Jan-22	Incident Reporting	24.01.2022 to 24.01.2022	8
Jan-22	HIC Policy	25.01.2022 to 25.01.2022	10
Jan-22	Fire and Safety	27.01.2022 to 27.01.2022	11
Jan-22	Quality Assurance	28.01.2022 to 28.01.2022	8
Jan-22	Standard Precautions	31.01.2022 to 31.01.2022	14
Feb-22	Competency Assessment Test	02.02.2022 to 02.02.2022	10
Feb-22	Fall Risk Assessment	03.02.2022 to 03.02.2022	9
Feb-22	Communication	04.02.2022 to 04.02.2022	8
Feb-22	HR Policy	07.02.2022 to 07.02.2022	11
Feb-22	NSI	08.02.2022 to 08.02.2022	12
Feb-22	Competency Assessment Test	09.02.2022 to 09.02.2022	10
Feb-22	Leadership	11.02.2022 to 11.02.2022	9
Feb-22	HR Policy	14.02.2022 to 14.02.2022	8
Feb-22	HIC Policy	15.02.2022 to 15.02.2022	11
Feb-22	Competency Assessment Test	16.02.2022 to 16.02.2022	10
Feb-22	Care of Patients on Ventilator	17.02.2022 to 17.02.2022	19
Feb-22	Medication Safety	21.02.2022 to 21.02.2022	16
Feb-22	Diabetic Foot Ulcer & Stoma Care	22.02.2022 to 22.02.2022	29
Feb-22	Competency Assessment Test	23.02.2022 to 23.02.2022	10
Feb-22	Emergency Drugs & Inotropes	24.02.2022 to 24.02.2022	18
Feb-22	Duty Roster	25.02.2022 to 25.02.2022	8
Feb-22	Nursing Process	28.02.2022 to 28.02.2022	8
Mar-22	NSI	01.03.2022 to 01.03.2022	9

MGMHHS ANNUAL REPORT 2021-22

Mar-22	Competency Assessment Test	02.03.2022 to 02.03.2022	10
Mar-22	Pharmacovigilance	03.03.2022 to 03.03.2022	23
Mar-22	Communication	04.03.2022 to 04.03.2022	9
Mar-22	Fire and Safety	07.03.2022 to 07.03.2022	12
Mar-22	NSI Prevention & Management	08.03.2022 to 08.03.2022	8
Mar-22	Competency Assessment Test	09.03.2022 to 09.03.2022	10
Mar-22	Emergency Drugs & Inotropes	10.03.2022 to 10.03.2022	10
Mar-22	Duty Roster	11.03.2022 to 11.03.2022	8
Mar-22	Daily Nursing Flowsheet	14.03.2022 to 14.03.2022	8
Mar-22	B.M.W	15.03.2022 to 15.03.2022	11
Mar-22	Competency Assessment Test	16.03.2022 to 16.03.2022	10
Mar-22	Medication Error	17.03.2022 to 17.03.2022	8
Mar-22	Leadership & Management	18.03.2022 to 18.03.2022	8
Mar-22	Fall Risk Assessment	21.03.2022 to 21.03.2022	8
Mar-22	Hand Hygiene	22.03.2022 to 22.03.2022	12
Mar-22	Competency Assessment Test	23.03.2022 to 23.03.2022	10
Mar-22	HR Policy	24.03.2022 to 24.03.2022	9
Mar-22	Quality Assurance	25.03.2022 to 25.03.2022	8
Mar-22	HR Policy	28.03.2022 to 28.03.2022	9
Mar-22	Standard Precautions	29.03.2022 to 29.03.2022	8
Mar-22	Competency Assessment Test	30.03.2022 to 30.03.2022	10
Mar-22	Fire and Safety	31.03.2022 to 31.03.2022	10
Apr-22	Quality Assurance	01.04.2022 to 01.04.2022	8

MGMIHS ANNUAL REPORT 2021-22

Apr-22	Inotropes	04.04.2022 to 04.04.2022	18
Apr-22	Competency Assessment Test	06.04.2022 to 06.04.2022	8
Apr-22	Fire and Safety	07.04.2022 to 07.04.2022	11
Apr-22	Leadership	08.04.2022 to 08.04.2022	8
Apr-22	Oxygenation	11.04.2022 to 11.04.2022	47
Apr-22	BMW	12.04.2022 to 12.04.2022	12
Apr-22	Competency Assessment Test	13.04.2022 to 13.04.2022	8
Apr-22	Care of Patients on Ventilator	14.04.2022 to 14.04.2022	12
Apr-22	Management & Principles	15.04.2022 to 15.04.2022	8
Apr-22	HR Policy	18.04.2022 to 18.04.2022	10
Apr-22	HIC Policy (BMW)	19.04.2022 to 19.04.2022	16
Apr-22	Competency Assessment Test	20.04.2022 to 20.04.2022	8
Apr-22	HR Policy	21.04.2022 to 21.04.2022	11
Apr-22	Quality Assurance	22.04.2022 to 22.04.2022	8
Apr-22	Fall Risk Assessment	25.04.2022 to 25.04.2022	14
Apr-22	Hand Hygiene	26.04.2022 to 26.04.2022	9
Apr-22	Competency Assessment Test	27.04.2022 to 27.04.2022	8
Apr-22	Fire and Safety	28.04.2022 to 28.04.2022	10
Apr-22	Communication	29.04.2022 to 29.04.2022	8
May-22	Daily Nursing Flow sheet	02.05.2022 to 02.05.2022	15
May-22	Competency Assessment Test	04.05.2022 to 04.05.2022	8
May-22	Quality Assurance	06.05.2022 to 06.05.2022	8
May-22	H.R Policy	09.05.2022 to 09.05.2022	9

MGMIHS ANNUAL REPORT 2021-22

May-22	Competency Assessment Test	11.05.2022 to 11.05.2022	8
May-22	Fall Risk Assessment	12.05.2022 to 12.05.2022	8
May-22	Communication	13.05.2022 to 13.05.2022	8
May-22	Incident Reporting	16.05.2022 to 16.05.2022	8
May-22	HIC Policy Overall	17.05.2022 to 17.05.2022	23
May-22	Competency Assessment Test	18.05.2022 to 18.05.2022	8
May-22	Quality Assurance	20.05.2022 to 20.05.2022	8
May-22	ADR Reporting System	23.05.2022 to 23.05.2022	26
May-22	Blood & Body Fluid Exposure	24.05.2022 to 24.05.2022	12
May-22	Competency Assessment Test	25.05.2022 to 25.05.2022	8
May-22	Fire and Safety	26.05.2022 to 26.05.2022	9
May-22	Leadership & Principles	27.05.2022 to 27.05.2022	8
May-22	Daily Nursing Flow sheet	30.05.2022 to 30.05.2022	8
May-22	Hand Hygiene	31.05.2022 to 31.05.2022	10
Jun-22	Competency Assessment Test	01.06.2022 to 01.06.2022	8
Jun-22	Medication Safety	02.06.2022 to 02.06.2022	9
Jun-22	Documentation	03.06.2022 to 03.06.2022	11
Jun-22	HR Policy	06.06.2022 to 06.06.2022	8
Jun-22	HIC Policy (BMW)	07.06.2022 to 07.06.2022	12
Jun-22	Competency Assessment Test	08.06.2022 to 08.06.2022	8
Jun-22	Daily Nursing Flow sheet	09.06.2022 to 09.06.2022	9
Jun-22	Fall Risk Assessment	10.06.2022 to 10.06.2022	9
Jun-22	Incident Reporting	13.06.2022 to 13.06.2022	8

MGMIHS ANNUAL REPORT 2021-22

Jun-22	NSI Prevention & Spill Management	14.06.2022 to 14.06.2022	14
Jun-22	Competency Assessment Test	15.06.2022 to 15.06.2022	8
Jun-22	HR Policy	16.06.2022 to 16.06.2022	9
Jun-22	Care Of Patients on Restraints	17.06.2022 to 17.06.2022	5
Jun-22	IPSG	20.06.2022 to 20.06.2022	13
Jun-22	HIC Induction	21.06.2022 to 21.06.2022	21
Jun-22	Fire Extinguisher	23.06.2022 to 23.06.2022	29
Jun-22	Medication Safety	24.06.2022 to 24.06.2022	8
Jun-22	ADR	27.06.2022 to 27.06.2022	8
Jun-22	Standard Precautions	28.06.2022 to 28.06.2022	11
Jun-22	Competency Assessment Test	29.06.2022 to 29.06.2022	8
Jun-22	Incident Reporting	30.06.2022 to 30.06.2022	8
Jul-22	Care of Patient on restraints	01.07.2022 to 01.07.2022	14
Jul-22	Nursing Induction Training	04.07.2022 to 04.07.2022	5
Jul-22	HIC Policy (BMW)	05.07.2022 to 05.07.2022	9
Jul-22	Training for ADR Reporting	06.07.2022 to 06.07.2022	24
Jul-22	Incident Reporting	07.07.2022 to 07.07.2022	7
Jul-22	Prevention of HAI & Nurses Responsibility in HAI Bundle care	08.07.2022 to 08.07.2022	29
Jul-22	Emergency drugs and inotropes	11.07.2022 to 11.07.2022	7
Jul-22	Needle stick injury and blood body exposure prevention and Treatment	12.07.2022 to 12.07.2022	42
Jul-22	Emergency medicines -Inotropes	13.07.2022 to 13.07.2022	10
Jul-22	Risk of fall Assessment	14.07.2022 to 14.07.2022	42
Jul-22	Feedback of training	15.07.2022 to 15.07.2022	9

MGMIHS ANNUAL REPORT 2021-22

Jul-22	Competency Assessment Test	18.07.2022 to 18.07.2022	15
Jul-22	HIC Policy (Hand Hygiene)	19.07.2022 to 19.07.2022	9
Jul-22	Competency Assessment Test	20.07.2022 to 20.07.2022	15
Jul-22	Incident Reporting	21.07.2022 to 21.07.2022	32
Jul-22	Feedback of training HAI Bundle	22.07.2022 to 22.07.2022	7
Jul-22	Annual Performance Appraisal Policy	25.07.2022 to 25.07.2022	35
Jul-22	Nurses role in HAI Prevention of spill management	26.07.2022 to 26.07.2022	40
Jul-22	HR Induction Training	27.07.2022 to 27.07.2022	12
Jul-22	Annual Performance Appraisal Policy	28.07.2022 to 28.07.2022	42
Jul-22	Training for ADR Reporting	29.07.2022 to 29.07.2022	21
Aug-22	Crash Cart Organization	01.08.2022 to 01.08.2022	45
Aug-22	Bioguard Disinfectants	02.08.2022 to 02.08.2022	42
Aug-22	Oxygen Therapy	03.08.2022 to 03.08.2022	25
Aug-22	Incident Reporting	04.08.2022 to 04.08.2022	42
Aug-22	HIC Standard Precautions	05.08.2022 to 05.08.2022	27
Aug-22	Daily Nursing Flowsheet	08.08.2022 to 08.08.2022	49
Aug-22	Swine Flu	09.08.2022 to 09.08.2022	36
Aug-22	Competency Assessment Test	10.08.2022 to 10.08.2022	20
Aug-22	Documentation	12.08.2022 to 12.08.2022	43
Aug-22	Spill Management	16.08.2022 to 16.08.2022	12
Aug-22	Neurological Assessment	17.08.2022 to 16.08.2022	47
Aug-22	Feedback Training	18.08.2022 to 18.08.2022	44
Aug-22	Debridement of Brain (CP)	19.08.2022 to 19.08.2022	35

MGMIHS ANNUAL REPORT 2021-22

Aug-22	Fire and Safety	22.08.2022 to 22.08.2022	18
Aug-22	Feedback (H1NI&HIC over all)	23.08.2022 to 23.08.2022	32
Aug-22	Competency Assessment Test	24.08.2022 to 24.08.2022	15
Aug-22	Fire Extinguisher Evacuation plan	25.08.2022 to 25.08.2022	25
Aug-22	Pharmacovigilance	26.08.2022 to 26.08.2022	41
Aug-22	HR Induction Training	29.08.2022 to 29.08.2022	26
Aug-22	Standard Precautions	30.08.2022 to 30.06.2022	45
Aug-22	Cardiovascular assessment	31.08.2022 to 31.08.2022	9
2021-2022	ATLS(P)	10.12.2021 to 12.12.2021, 3.3.2022 to 5.3.2022, 26.5.2022 to 28.5.2022	45
2021-2022	Annual UG Skills Training Workshop	13.12.2021 to 14.12.2021	36
2021-2022	Basic Suturing Skills Training Workshop	04.06.2022	36
2021-2022	Stapler Workshop	02.07.2022	19
2021-2022	Bowel Vascular anastomosis & tendon repair workshop	16.07 2022	29
2021-2022	NPWT Workshop	23.07.2022	23
2021-2022	CME on Radiocon MGM 2022	13.03.2022	385
2021-2022	Women's Cancer	23.08.2022	
2021-2022	CME on Unicompartement Knee Replacement	07.08.2022	62
2022	1st Musculoskeletal USG Workshop	16.02.2022 to 18.02.2022	8
2022	2nd Musculoskeletal USG Workshop	27.04.2022 to 29.04.2022	10
2022	3rd Musculoskeletal USG Workshop	07.07.2022 to 09.02.2022	2
2022	4th Musculoskeletal USG Workshop	18.08.2022 to 20.08.2022	13
2021-2022	World Diabetes Day	13.11.2021 to 13.11.2021	15
2021-2022	World HIV/AIDS Day	06.12.2021 to 06.12.2021	3
2021-2022	National Health Mission (NHM) Camp, Kashele	24.12.2021 to 28.12.2021	39

MGMIHS ANNUAL REPORT 2021-22

2021-2022	MGM Olympics Aurangabad		
2021-2022	Nation Health Mission (NHM) Medical Camp, Karjat	06.01.2022 to 06.01.2022	37
2021-2022	NSS Training Program Officers	03.09.2022 to 09.02.2022	-
2021-2022	NSS Orientation Programe	17.02.2022 to 17.02.2022	-
2021-2022	Celebration of International Women's Day, Guest Lecture, MGM Medical College, Kamothe	08.03.2022 to 08.03.2022	13
2021-2022	Celebration of International Women's Day, Kalamboli	08.03.2022 to 08.03.2022	30
2021-2022	Celebration of World No Tobacco Day, MGM Kalamboli Hospital	09.03.2022 to 09.03.2022	3
2021-2022	Sport Activity Session, MBBS Batch 2022	12.03.2022 to 12.03.2022	79
2021-2022	National Vaccination Day Celebration, MGM Hopsital, Kalamboli	17.03.2022 to 17.03.2022	3
2021-2022	National Vaccination Day Celebration, MGM Medical College, Kamothe	17.03.2022 to 17.03.2022	3
2021-2022	NSS Orientation Programe, 3rd yr students, MGM Medical College, Kamothe	30.03.2022 to 30.03.2022	77
2021-2022	Celebration of 130th Birth Anniversary of Bharat Ratna Dr. Babasaheb Ambedkar - Blood Donation Camp , MGM Medical College, Kamothe	11.04.2022 to 11.04.2022	-
2021-2022	Celebration of 130th Birth Anniversary of Bharat Ratna Dr. Babasaheb Ambedkar - Essay Competition , MGM Medical College, Kamothe	11.04.2022 to 11.04.2022	-
2021-2022	Celebration of 130th Birth Anniversary of Bharat Ratna Dr. Babasaheb Ambedkar - Poster Competition , MGM Medical College, Kamothe	11.04.2022 to 11.04.2022	-
2021-2022	NSS Orientation Programe 2nd yr	29.04.2022 to 29.04.2022	26
2021-2022	NSS Induction Program	18.05.2022 to 18.05.2022	75
2021-2022	Conduction of Yoga Session	18.05.2022 to 18.05.2022	75
2021-2022	NSS Health Camp, Tara & Dolghar village	23.05.2022 to 23.05.2022	5
2021-2022	NSS Health Camp, Poyanje	31.05.2022 to 31.05.2022	5
2021-2022	World Tobacco Day - IEC Acitivity, MGM Hospital, Kalamboli	03.06.2022 to 03.06.2022	3
2021-2022	Wprld Hypertension Day, MGM Hospital, Kalamboli	04.06.2022 to 04.06.2022	3
2021-2022	World Environment Day, IEC Acitivity, MGM Hospital, Kalamboli	06.06.2022 to 06.06.2022	3

MGMIHS ANNUAL REPORT 2021-22

2021-2022	Pulse Polio Campaign, MGM Hospital, Kalamboli	19.06.2022 to 19.06.2022	-
2021-2022	Celebration of International Yoga Day	21.06.2022 to 21.06.2022	12
2021-2022	Celebration of National Doctor Day	01.07.2022 to 01.07.2022	16
2021-2022	Felicitation of "COVID Warriors" on occasion of National Doctor Day	01.07.2022 to 01.07.2022	35
2021-2022	Yoga Session	01.08.2022 to 01.08.2022	57
2021-2022	World Population Day, MGM Hospital, Kalamboli	13.07.2022 to 13.07.2022	17
2021-2022	World Breastfeeding Day, MGM Hospital, Kalamboli	02.08.2022 to 02.08.2022	15
2021-2022	Health Camp, Poyanje	03.08.2022 to 03.08.2022	
2021-2022	Celebrate - Food Safety Week - Training Programme (05.08.22 to 12.08.22)	25.08.2022 to 25.08.2022	-
2021-2022	Varsha Sahal - Non-teaching Staff, Karambeli, Panvel	06.08.2022 to 06.08.2022	-
2021-2022	75th Independence Day (Azadi ka Amrut Mahotsava - Har Ghar Tiranga)	15.08.2022 to 15.08.2022	5
2021-2022	75th Independence Day (Azadi ka Amrut Mahotsava -Prabhat Peri)	15.08.2022 to 15.08.2022	8
2021-2022	76th Independence Day (Azadi ka Amrut Mahotsava -Tree Plantation)	15.08.2022 to 15.08.2022	8

MGMIHS ANNUAL REPORT 2021-22

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

Year	Name of Staff Member	Name of conference/ workshop attended for which financial support was provided	Name of the professional body for which membership fee was provided
18.06.2022 to 16.07.2022	Dr. Kavita More	Faculty Development Programme Siksha 2.0 - Sri Sri University, Human Resources Development Center (HRDC), Cuttack, Odisha	MGMIHS
18.06.2022 to 16.07.2022	Dr. Yashodha Kattimani	Faculty Development Programme Siksha 2.0 - Sri Sri University, Human Resources Development Center (HRDC), Cuttack, Odisha	MGMIHS
18.06.2022 to 16.07.2022	Dr. Ashlesha Tawade Kelkar	Faculty Development Programme Siksha 2.0 - Sri Sri University, Human Resources Development Center (HRDC), Cuttack, Odisha	MGMIHS
18.06.2022 to 16.07.2022	Dr. Bhavana Junagade	Faculty Development Programme Siksha 2.0 - Sri Sri University, Human Resources Development Center (HRDC), Cuttack, Odisha	MGMIHS
18.06.2022 to 16.07.2022	Dr. Rahul Peddawad	Faculty Development Programme Siksha 2.0 - Sri Sri University, Human Resources Development Center (HRDC), Cuttack, Odisha	MGMIHS
09.08.2022 to 14.08.2022	Dr. Ipseeta Ray	40 th Annual Workshop on Clinical Pharmacology & Therapeutic, PGI Chandigarh	MGM Medical College, Kamothe, Navi Mumbai
20.02.2022	Dr. Rupali Gujar	National Online Workshop Good Clinical Practice organized by "THE UNIHEALTH" KOLKATA NURTURE FOUNDATION	MGM Medical College, Kamothe, Navi Mumbai
20.02.2022	Mrs. Sanika Mhaskar	National Online Workshop Good Clinical Practice organized by "THE UNIHEALTH" KOLKATA NURTURE FOUNDATION	MGM Medical College, Kamothe, Navi Mumbai
20.02.2022	Mrs. Sujata Sharma	National Online Workshop Good Clinical Practice organized by "THE UNIHEALTH" KOLKATA NURTURE FOUNDATION	MGM Medical College, Kamothe, Navi Mumbai
20.02.2022	Mrs. Amruta Dhawale	National Online Workshop Good Clinical Practice organized by "THE UNIHEALTH" KOLKATA NURTURE FOUNDATION	MGM Medical College, Kamothe, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

Collaboration / Linkages / MoU

Title of the MoU	Name of the partnering institution/ industry /research lab/corporate house with contact details	Year of commencement	Duration (From-To) DD-MM-YYYY	Year wise List the actual activities under each MoU	Number of students/ teachers participated 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	2021-2026	-	3	IHBT
MGM Hospital CBD Belapur Blood Storage Centre	Mgm Cbd Belapur Hospital Blood Storage Centre	2020	2020-2022	-	3	IHBT
Reliance Life Sciences Pvt Ltd.	Reliance Life Sciences Pvt Ltd	2021	2021-2022	-	3	IHBT
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

MGMIHS ANNUAL REPORT 2021-22

H1N1 RTPCR	Kashibai Navle Medical College, Pune	27.11.2021	27.11.2021 To 26.11.2022	H1N1 RTPCR	8- Faculty & 10 Students	Microbiology
Pharma Industry Internship	Pfizer & MGM Medical College, Navi Mumbai	2022	1-2-2022 to 31-3-2022	Pharma Industry Internship	1	Pharmacology
Pharma Industry Internship	AstraZeneca & MGM Medical College, Navi Mumbai	2022	24-4-2022 to 20-6-2022	Pharma Industry Internship	1	Pharmacology
To Promoting neuromodulation	International Neuromodulation Society Interim Meeting 2020	2022	04.12.2021 to 03.12.2022	To Promoting neuromodulation	1	Dean Office (Anatomy)
Accommodation at PHC Nere for Resident Doctors and Interns (Home Agreement)	Mrs. Kavita Gavate	2022	01.10.22 to 30.03.22	Accommodation at PHC Nere for Resident Doctors and Interns (Home Agreement)	1	Dean Office (Community Medicine)
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	Head
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

MGMIHS ANNUAL REPORT 2021-22

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/p progression, treatment planning and prophylaxis to improve COVID-19 prognosis	1 F & 6 S	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 Xray 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 center	9 F & 4 S	MGM Hospital
To give health care to Sports Men & Women as a part of training to MGM's residents doctors of Sports Medicine	Karnala Sports Club	01.12.20 20	1 year	To give health care to Sports Men & Women as a part of training to MGM's residents doctors of Sports Medicine	2 F	MGM Medical College, Navi Mumbai

MGMIHS ANNUAL REPORT 2021-22

Public-Private Partnership for ART (PLHA)	ART Center	01.12.2018	3 years	Public-Private Partnership for ART (PLHA)	9 F	Microbiology
Health Care related Services	Health India TPA Services Pvt Ltd.	06.09.2014	3 years	Health Care related Services	Hospital Staff	MGM Hospital (TPA)
Health Care related Services	Star Health and Allied Insurance Company Ltd.	02.09.2019	Till Termination	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
MGM MEDICAL COLLEGE AND HOSPITAL**

N-6, CIDCO, AURANGABAD

Accreditation

**NAAC Grade “A++” with 3.55 CGPA
NABH & SIRO Recognised Laboratories,
NABL Accredited**



Dr. A.G. Shroff
Medical Director,
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.

The Institute has celebrated its silver jubilee year during 2014-15. During recent years the college has established itself as one of the top ranking medical colleges in the nation. This medical college is the only Institute 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 150.

During the previous years the college has achieved new heights and milestones 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 a new OBGY intensive care unit in its group of existing specialized ICU's. The super specialty service was strengthened especially in the field of urology and nephrology by upgrading its kidney transplant unit and dialysis unit along with a new ward and department. It is important to mention that the medical college hospital continues to be in the top "A+" category of Mahatma Jyotiba Phule Jan Arogya Yojana for the last seven years. We have successfully started Liver Transplant Surgery.

As a part of the 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 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. The college has recently signed a MOU with Kung-Puk National University South Korea as a part of its academic and research development program. This international collaboration will definitely help the students and faculty to exchange their knowledge and skill.

As a part of quality enhancement the IQAC (Internal Quality Assurance Cell) of the college has implemented many specific quality improvement programs which includes an individual faculty appraisal system which is based on perform and get promoted philosophy.

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 150.

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 continuous to be in the top "A+" category of Rajiv Gandhi Jeevandayi Arogya Yojna since last three 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. The college has recently signed a MOU with Kyungpook National University South Korea as a part of its academic and research development program. This international collaboration will definitely help the students and faculty to exchange their knowledge and skill.

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. The college is going for NABH accreditation in the coming year.

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 procedure	Through the National Eligibility and Entrance Test (NEET). Admissions 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

PG- MD/MS

Intake capacity	91 Seats
Course duration	MD/MS - 3 years.
Admission procedure	Through National Eligibility and Entrance Test (NEET) conducted by NBE 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

Sr. No.	Subject	Degree	Seats
1	Anatomy	MD	04
2	Physiology	MD	03
3	Biochemistry	MD	02
4	Pathology	MD	05
5	Microbiology	MD	04
6	Pharmacology	MD	02
7	Community Medicine (PSM)	MD	02
8	Gen. Medicine	MD	14
9	T.B. & Respiratory Medicine	MD	03
10	Dermatology (Skin & V.D.)	MD	03
11	Psychiatry	MD	03
12	Pediatrics	MD	08
13	O.B.G.Y.	MS	09
14	Gen. Surgery	MS	08
15	E.N.T.	MS	03
16	Ophthalmology	MS	05
17	Orthopaedics	MS	08
18	Anaesthesiology	MD	07
19	Radiology	MD	04
Total			91

Super specialty

Intake capacity	MCh Plastic Surgery- 1 MCh Urology- 1 MCh CVTS- 1 DM Cardiology- 1 DM Nephrology- 1
Course duration	3 years
Admission procedure	Through the National Eligibility and Entrance Test (NEET), Admissions are done through an online central counselling process conducted by the Director general of health services (DGHS), New Delhi.
Eligibility	Passed MD/MS from a recognized Medical College.(NMC)

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

	Name of the Program	Intake
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 Gynecological Surgery	1
	Fellowship in CT MRI	1
	Fellowship in Minimal Access Surgery	2
	Fellowship in Basic Gastrointestinal Endoscopy & Laparoscopic Surgery	2
	Fellowship in Cardiac Anaesthesia	2
	Fellowship in Critical care Medicine	2
Course duration	01 year for MD/MS 02 Year for NMC Recognised Diploma	
Admission procedure	Through MGM IHS entrance examination.	
Eligibility	Post Graduate Degree Or Diploma in the Speciality.	

MSc Medical Programme

Intake capacity	Medical Anatomy	5
	Medical Physiology	5
	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%.	

MGMIHS ANNUAL REPORT 2021-22

Extension Activities 2021-22

Activity Date	Name of the activity	Organising unit/ agency/ collaborating agency	Number of participated in activities	
			Student	Teacher
10.09.2022	Ethical and Medco Legal Issues in Medical Practice	Dept of Surgery	350	15
26.11.2021 27.11.2021	AMASICON Conference Live Workshop	Dept of Surgery	6000	
19.08.2022 20.08.2022	Hands on Trainind Workshop	Dept of Surgery	35	10
25.06.2021 26.06.2021	Live Operative workshop	Dept of Surgery	300 delegates	
17.11.2021 18.11.2021	Health Checkup Camp Central Jail,Harsul Aurangabad	Dept of Dermatology and VD	2	2
28.07.2022	Poster presntation on Hepatitis day	Microbiology Department	73	9
06.12.2021	Disability Diagnostic Camp	Pediatrics	20	5
09.08.2022	World Breast Feeding Awareness week	Pediatrics	20	5
02.04.2022	Autism Awareness	Pediatrics	150	15
01.07.2022	World Health Day Elocution Competition, Physiotherapy College, MGM	Dept of Community Medicine	10	7
18.07.2022	IEC Activity on WPD_18.07.2022	Dept of Community Medicine	10	10
26.11.2021	Understanding sexuality	OBGY MGM, Dnyanesh vidya mandir	2	1
03.12.2021	Our Identity	OBGY MGM, Vidya Aanyam School Gandheli	3	1
16.12.2021	Incalculating Autonomy in children session for Parents	OBGY MGM Medical College and Hospital Aurangabad	2	1
08.01.2022	"Shree Arogya" Lecture for Teachers	OBGY MGM, Sharda Mandir school	3	1
04.02.2022	Gender sensetisation for No teaching staff at MGM	OBGY MGM Medical College and Hospital Aurangabad	2	1
05.02.2022	Gender sensetisation for staff sisters at MGM	OBGY MGM Medical College and Hospital Aurangabad	2	1

MGMIHS ANNUAL REPORT 2021-22

Activity Date	Name of the activity	Organising unit/ agency/ collaborating agency	Number of participated in activities	
			Student	Teacher
06.03.2022	Understanding menopause	OBGY MGM, IMA ladies wing and pankh foundation	3	1
08.03.2022	Deciding priorities in work life balance	OBGY MGM, Saraswat bank	2	1
11.03.2022	Gender sensetisation for NIPM Auranbagabd Chapter	OBGY MGM, National institute of personal management (NIPM)	3	1
22.03.2022	Gender sensetisation	OBGY MGM, Dyanda English School	2	1
11.04.2022	Safe motherhood- Online webinar for Jawan's wives in 19 Brigade Jodhpur	OBGY MGM, 19 BRIGADE JODHPUR	3	1
11.05.2022	Adolescent health education WORKSHOP	OBGY MGM, Dyanesh Vidya Mandir CIDCO Aurangabad	3	3
23.05.2022	personality development	OBGY MGM, Mahadev mandir Begumpura	3	2
15.06.2022	"Prarthana" Lecture for Spiritual Mahila Mandal	OBGY MGM, Sphurti mahila mandal	2	1
02.07.2022	Growing up Session for 5th-7th class girls	MGM BGY, Gurukul singh	2	1
31.03.2022	Sensitization Workshop on NAAC/NABL Accreditation of Govt. Medical College, Aurangabad	Govt. Medical College, Aurangabad	0	1
01.12.2021	World AIDS day Poster exhibition MGM OPD	Dept of Community Medicine	10	3
01.12.2021	World AIDS day Poster exhibition RHTC Ellora	Dept of Community Medicine	8	2
01.12.2021	World AIDS day Poster exhibition UHTC AjabNagar	Dept of Community Medicine	6	2
02.01.2022	Multi Diagnostic Camp Sillod	Dept of Community Medicine	26	11
12.01.2022	National Youth Day Health Talk MGM OPD	Dept of Community Medicine	4	1
12.01.2022	National Youth Day Health Talk MGM Sanskar School, Waluj	Dept of Community Medicine	4	1

MGMIHS ANNUAL REPORT 2021-22

Activity Date	Name of the activity	Organising unit/ agency/ collaborating agency	Number of participated in activities	
			Student	Teacher
31.01.2022	World Leprosy Day, Skin Specialist Visit, Health Center, Waluj	Dept of Community Medicine	3	2
02.02.2022	World Leprosy Day, Poster Exhibition, RHTC Ellora	Dept of Community Medicine	2	2
04.02.2022	World cancer day health talk, RHTC, Ellora	Dept of Community Medicine	2	2
19.02.2022	Multidiagnostic Camp Shivjayanti	Dept of Community Medicine	24	10
08.03.2022	Women's Day Celebration, RHTC Ellora	Dept of Community Medicine	2	2
08.03.2022	Women's Day Celebration, Health Centre, Waluj	Dept of Community Medicine	2	2
08.03.2022	Women's Day Celebration, MGM OPD	Dept of Community Medicine	2	2
23.03.2022 25.03.2022	Multi Diagnostic Camp, Paithan	Dept of Community Medicine	4	1
05.04.2022	World Health Day Rangoli Competition, Time office, MGM	Dept of Community Medicine	22	5
05.04.2022	World Health Day Poster Competition, Time office, MGM	Dept of Community Medicine	40	4
05.04.2022	World Health Day Essay Competition, Pharmacology Hall, MGM	Dept of Community Medicine	46	3
05.04.2022	World Health Day Radio Talk, MGM Community Radio 90.8	Dept of Community Medicine	2	4
05.04.2022	World Health Day Prize Distribution, Dept of Community Medicine, MGM	Dept of Community Medicine	80	12
26.04.2022	MGM Nursing College, Health Check-up Camp	Dept of Community Medicine	6	1
05.05.2022	Mother Teresa Nursing College, Health Check-up Camp	Dept of Community Medicine	6	3
03.06.2022	World Anti-Tobacco Day Elocution Competition, Dept of Community Medicine,	Dept of Community Medicine	42	2
04.03.2022	World Anti-Tobacco Day Exhibition UHTC Ajabnagar	Dept of Community Medicine	4	1

MGMIHS ANNUAL REPORT 2021-22

Activity Date	Name of the activity	Organising unit/ agency/ collaborating agency	Number of participated in activities	
			Student	Teacher
03.06.2022	World Anti-Tobacco Day Exhibition RHTC Ellora	Dept of Community Medicine	4	2
03.06.2022	World Tobacco Day Exhibition, Health Centre, Waluj	Dept of Community Medicine	4	2
04.06.2022	Multidiagnostic camp, Mahanagar Palika School, Chikhalthana	Dept of Community Medicine	13	2
09.08.2022	Educational Visit for School Children, Royal Oaks School	Dept of Community Medicine	4	7
2022	School Health Check up Camp, Mannabee Primary School, Baijipura	Dept of Community Medicine	4	1
01.07.2022	Doctor's Day Celebration, Elocution Competition, Dept of Community Medicine	Dept of Community Medicine	45	3
01.07.2022	School Health Check-up/ Red Cross Day, MGM Gandheli Campus	Dept of Community Medicine	35	3
01.07.2022	Doctor's Day Celebration, Workshop for Interns, Dyotan Hall	Dept of Community Medicine	81	6
05.07.2022	School Health Check-up CAMP, MGM School Padegoan,	Dept of Community Medicine	5	2
11.07.2022	World Population Day, Radio Talk	Dept of Community Medicine	2	1
03.08.2022	School Health Check-up CAMP, Sanskar Vidyalay, N-6	Dept of Community Medicine	11	2
28.07.2022	World Hepatitis Day, Radio Talk, MGM Community Radio 90.8 FM	Dept of Community Medicine	2	1
15.07.2022	World Population Day, PHC, Daulatabad	Dept of Community Medicine	5	1
15.07.2022	World Population Day, Health Centre, Waluj	Dept of Community Medicine	2	2
04.08.2022	World Population Day, RHTC, Ellora	Dept of Community Medicine	8	2
02.08.2022	World Hepatitis Day, PHC, Daulatabad	Dept of Community Medicine	9	1
02.08.2022	World Hepatitis Day, Health Centre, Waluj	Dept of Community Medicine	2	3

MGMIHS ANNUAL REPORT 2021-22

Activity Date	Name of the activity	Organising unit/ agency/ collaborating agency	Number of participated in activities	
			Student	Teacher
26.01.2022	Republic Day, Art Festival	Dept of Community Medicine and NSS	100	5
13.04.2022	Ambedkar Jayanti, Guest Lecture	Dept of Community Medicine and NSS	100	2
05.06.2022	World Environment Day, National Level E-Quiz	Dept of Community Medicine and NSS	100	2
01.05.2022	International Workers' Day, CPR Training and First Aid Training	Dept of Community Medicine and NSS	150	27
15.06.2022	International Yoga Day	Dept of Community Medicine and NSS	51	3
01.05.2022	Staff members of Divisional Commissioner Office, Aurangabad with NSS (COLS & First Aid)	NSS and Emergency Medicine	13	4
07.08.2022	Students of Bhagwan Baba Balika Ashram Beed Bypass Aurangabad with care for her society (First aid & COLS)	Care for Her and Emergency Medicine	2	1
26.07.2022	Students of Sharda Mandir Kanya Prashala in collaboration with RED CROSS Society (First aid & COLS)	RED CROSS Society and Emergency Medicine	2	1

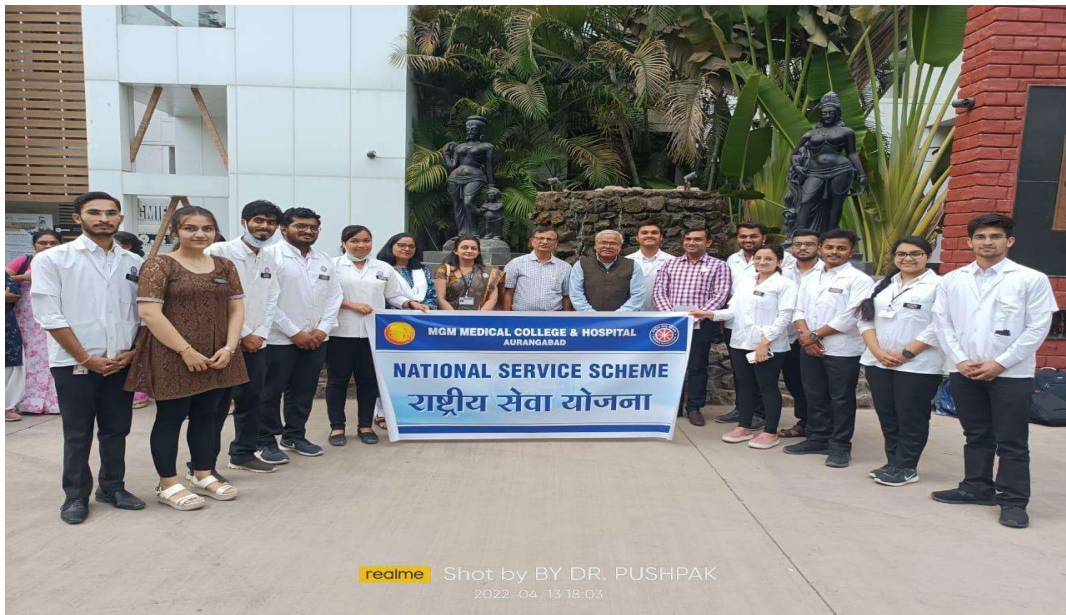
NSS Activity Report 2021-22



Flyer for the event



Guest Speaker Prof. HariNarke on dias with dignitaries



NSS Unit of MGM Medical College, Aurangabad with Guest Speaker Prof. Hari Narke



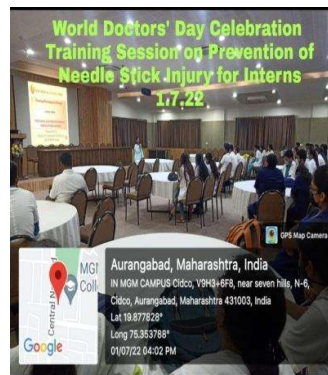
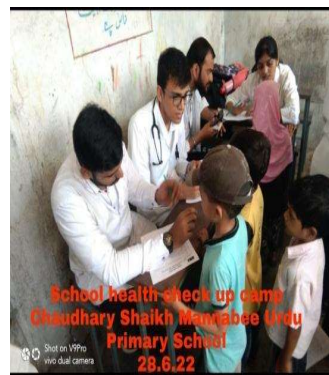
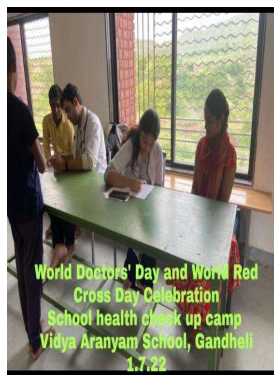
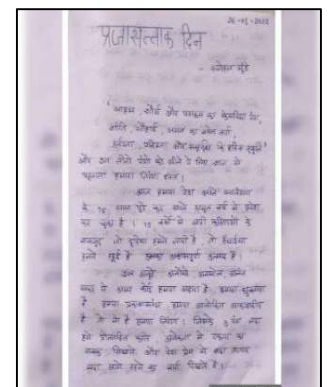
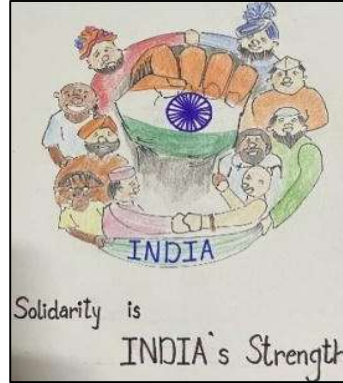
Republic Day Fest 2022

Theme : Show Your Solidarity
Event - 26th - 31st of January

Activities

- Reel Making
- Essay Writing
- Poster Making
- Poetry
- Dance
- Singing
- Instrumental
- Act
- Photography
- Speech
- E - Sketching
- Handmade sketch
- Drawing and Painting
- Short Film

Last Date of Submission : 1st of February
Certificates will be provided to all the participants
'NO SUBMISSIONS TO BE TAKEN AFTER DUE DATE'





Yoga Day 2022



Dr. Swati Shiradkar, Dept. of OBGY conducted a Session on “Womens Health after 50” at Sharda Mandir School, urangabad

Dr. Swati Shiradkar, Dept. of OBGY Conducted a session on “Inculcating Autonomy in Children Session for Parents” at Samaj Setu Pratisthan

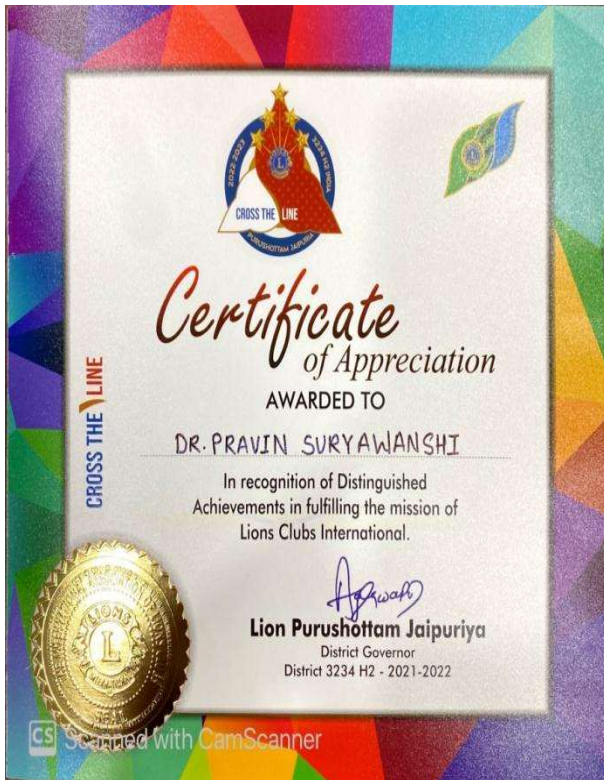
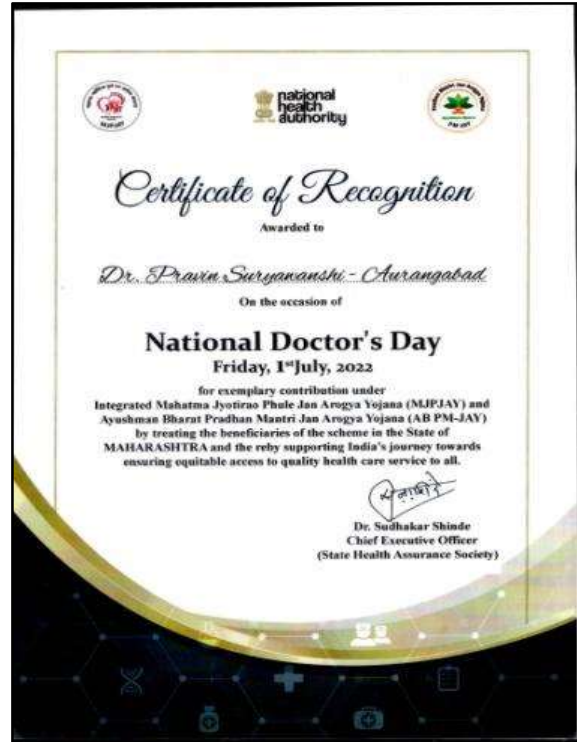
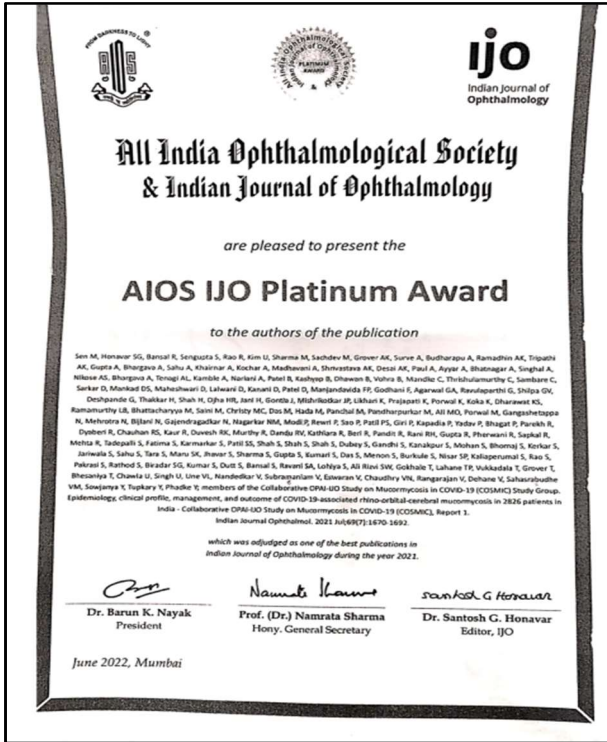


MGMIHS ANNUAL REPORT 2021-22



Activities for Azadi Ka Amrit Mahotsav, NSS Unit, Aurangabad

Achievement/ Awards 2021



MGMHS ANNUAL REPORT 2021-22

**INDIAN SOCIETY FOR TRAINING & DEVELOPMENT
AURANGABAD CHAPTER**
 Chapter Office: Tatyasa Institute for Life Management,
 238, Acharya Deep Path, Yashwantrao Chavan, Aurangabad - 431 303
 Mob: 09921946333, E-mail: iasat@iasatgroup.org

To,
 Dr. Pravin Suryawanshi,
 Director MGM Medical College & Hospital,
 Aurangabad.

Subject: Appreciation and Gratitude

Reference: Your Presentation and Experience (Workshop) during Workshop cum Chapter Conference on Building Transformation & Sprouting Human Resources (HR) and Beyond (Workshop) (2021) Aurangabad.

This is to appreciate your recognition and guidance extended for organizing successfully Workshop cum Chapter Conference organized by ISTD Aurangabad Chapter in Association with National Institute of Personnel Management and MGR University Aurangabad, during 19th and 20th April, 2022 at MGM University, Aurangabad.

We are very much grateful to you for sharing your expertise, valuable insight and helping & engaging our members and participants of the workshop cum Chapter Conference.

Thanking you,
 Yours Sincerely,
 Dr. Pravin Suryawanshi,
 Chairman,
 ISTD, Aurangabad Chapter
 & CEO, MGM University,
 Aurangabad.

Dr. Pardeep Kumar, Chairman, ISTD, Aurangabad Chapter
 Dr. Praveen Kumar, Chairman, ISTD, Aurangabad Chapter
 Dr. Anand M. S. Gaur, Chairman, ISTD, Aurangabad Chapter

Members:
 Dr. Anand Ahar, Prof. Vaidya Ramesh, Mr. Sandeep, Dr. Pradeep Kumar

Members:
 Dr. Anand Gopal, Dr. M. A. Shalwan, Dr. A. B. Gaur

Dr. Pravin Suryawanshi

National Head Office: 202/2, Training House, B-4, Institutional Area, New Delhi - 110 016.
 Ph. : +91 11 60073707, Email: iasat@iasatgroup.org, Website: www.iasatgroup.org

The Association of Surgeons of India
 (Regd. No. 28 of 1983-84 Under Section 80G of Income Tax Act of 1961)
 No. 18, Adarsh Nagar, Chhatrapati, Chennai - 600 006, INDIA.
 Phone : +91 44 26333399, 26333388, 26333384, 26333379
 Email : headoffice@asiindia.org Website : www.asiindia.org

2nd November 2021

To,
 Dr. Pravin Suryawanshi
 Executive Committee Member
 Association of Surgeons of India.

Dear Sir,

Greetings from ASI Head-quarters.

Quality in healthcare services is of paramount importance for the best outcomes and patient satisfaction.

I am very happy that you are taking a lead role as a director of enhancement of quality amongst ASI members under the 'National Skill Enhancement Program' under ASI. This unique initiative of ASI will definitely help small healthcare organisations to get accredited for NABH and to achieve expected quality standards in their day-to-day practice which will improve overall quality of healthcare services and patient satisfaction.

We appreciate your contribution to this journey.

Since achieving the best quality is a continuous journey I am sure you will work or help ASI in this journey in the future too.

I wish you every success in your venture.

Dr. Ashay Dalvi
 President ASI

Invited as a Chief Guest for the Graduation Ceremony at SMBT Medical College, Igatpuri and interaction with Surgery Department to guide post graduate students.

Dr. Pravin Suryawanshi

**VSAACON
AKOLA 2022**
 4th Conference of Vidarbha Surgeons Association

CERTIFICATE OF APPRECIATION

NOMMCC/Accred-Cert/MA-0007/2013/ CPD Code MMC/MAC/2022/D-416531
 CPD Code MMC/MAC/2022/D-416530

This certificate is Awarded to
Dr. Yashraj Sapkal
 For Securing 2nd Place in Best Paper / Poster Presentation
 During 'VSAACON 2022'
 Organized By Surgical Society Akola under the aegis Vidarbha Surgeons Association
 held on 4th & 5th June 2022 at Akola
 Maharashtra Medical Council (MMC) has granted 4 Credit hours for this CME

Dr. Girish Jettur, President VSA
 Dr. Anand M. S. Gaur, President VSAACON 2022
 Dr. Ravindra Telkar, Organising Secretary VSAACON 2022
 Dr. Anand Khandekar, MMC Observer
 Dr. Mukund Toyote, MMC Observer

INDIAN SOCIETY OF ANAESTHESIOLOGISTS
 (Founder Member of the World Federation of Societies of Anaesthesiologists)

PUBLIC AWARENESS AWARD (INDIVIDUAL)

THIRD PRIZE

DR. AJITHA S, AURANGABAD

Presented during ISACON 2021

The 68th Annual National Conference of ISA held at Ahmedabad

26th November, 2021
 ISA Camp Office, Ahmedabad

Dr. Muralidhar Jeshi, President ISA National
 Dr. Naveen Malhotra, Honorary Secretary ISA National

**ROYAL OAKS
WORLD SCHOOL**

Date: 19/08/2022

To,
 The Dean,
 MGM Medical College
 Aurangabad.

Subject : Letter of Appreciation

We acknowledge the work and efforts of the doctors of MGM Medical College & Hospital Aurangabad, for undertaking School Health Checkup on 18th & 19th of August 2022, in Royal Oaks World School, for the benefit of students.

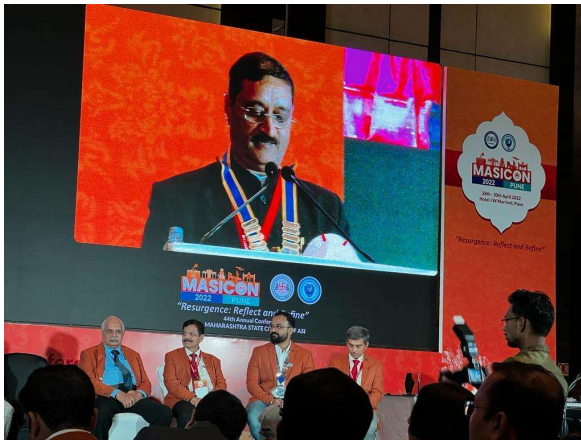
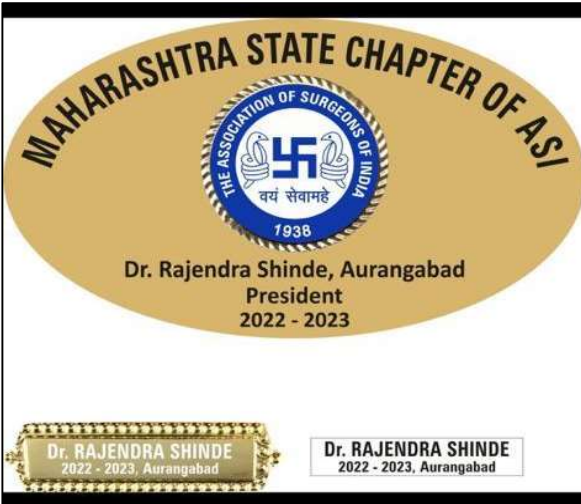
The school health checkup was well organized by the efficient & committed team of doctors & the services were beneficial as it covered the entire basic health checkup for all the students.

We are also thankful to Dr. Vishal Pabane, Dr. Shivani Patil, Dr. Anamika Roy, Dr. Disha Maske, Dr. Pallavi Bharati, Dr. Nawab Qureshi, Dr. Mitali Bimby, Dr. Samia Shauk, Dr. Ananya Anand, Dr. Nikhil Dhabale, Mr. Sevakdar for discussing the useful health tips among our students & faculties. The interaction was very informative & the doctors shared tips regarding health & hygiene which the students found very useful.

Total Number of Students check: 527
 Thank you once again!

Dr. Pravin Suryawanshi
 ROYAL OAKS WORLD

Gul No. 1,32, Near Deonar Chowk, Beed By Pass Road, Aurangabad, MH, India - 431010.
 9118701070, 9271967070 | 0240 2633778, 2640 2633779 | info@royaloaks.in | www.royaloaks.in



**Dr. Rajendra Shinde, Associate Professor,
Dept. of Surgery
Awarded with President of Maharashtra
State Chapter of ASI**

**Dr. Pravin Suryawanshi Sir Elected as
Executive Council Member for the Second
Consecutive time at the Association of
Surgeons of India**



MGM IHS ANNUAL REPORT 2021-22

Collaboration/Linkages

Sr. No	Title of the MoU	Name of the partnering institution/ industry /research lab/corporate house	Year of commencement
1	This Agreement is made on 12th July 2022, by and between " Med Tricare clinical research solution" having its Office at plot no 21, PrabhatNagar Bhusingpura Aurangabad 431001 referred as a Party-A (here in after referred to as the "SMO")	Med Tricare clinical research solution	2022
2	A Randomized, Open -Label Parallel-Group Study to evaluate the safety and efficacy of Abrocitinib 100MG and 200MG Tablets in Participants Aged 12 Years and older with Moderate to Severe Atopic Dermatitis in India	Aurangabad Health care & Research LLP	2022
3	A Phase 3, Multicenter, Randomized, Double-blind, Placebo-controlled Trial to Evaluate the Efficacy and Safety of Sibeprenlimab Administered Subcutaneously in Subjects with Immunoglobulin A Nephropathy- Study Number 417 201 00007	George Clinical India Private.Ltd.	2022
4	A Phase 2b, Randomised, Double-Blind, Active-Controlled, Multi-Centre Study to Evaluate the Efficacy, Safety and Tolerability of Oral AZD9977 and Dapagliflozin Treatment in Patients with Heart Failure and Chronic Kidney Disease	AstraZeneca	2022
5	A randomized, assessor-blind, placebo controlled, multi center, clinical endpoint bioequivalence study to compare the efficacy and safety of generic fluticasone propionate inhalation aerosol USP 44 mcg (Glenmark Pharmaceuticals Ltd) to Flovent HFA (fluticasone propionate inhalation aerosol) 44 mcg (GSK group of companies) in treatment of patients with bronchial asthma.	Glenmark Pharmaceuticals Ltd	2022
6	A Multicenter, Randomized, Parallel-Group, 6-Week Treatment Clinical Study to Assess 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.	Cipla Ltd	2022
7	This Agreement is made on 23* Dec 2021, by and between "Skyline CRS India Pvt. Ltd" having its Oice at reterred as a party- A (here in after referred to as the "SM0")	Skyline CRS India PVT Ltd.	2021
8	This Agreement is made on 24 JAN 2022, by and between "METICULOUS HEALTHCARE AND RESEARCH SERVICES LLP" having its Office at H NO 9-1-143, Lane No 6, Sharif Colony Kat KAT GATE Aurangabad referred as a party- A (here in after referred to as the"SM0")	METICULOUS HEALTHCARE AND RESEARCH SERVICES LLP	2022
9	Peripheral posting of interns	Civil Hospital, Chikalthana, RH Khultabad, PHC Ellora, PHC Daulatabad	2022
10	Academia Industry Collaboration betwwen MGM MCH Aurangabad and WOCKHARDT Research Centre, Aurangabad	WOCKHARDT Research Centre, L-1 MIDC, Chikalthana, Aurangabad- 431210	Date OF MOU 15/12/2020

MGM IHS ANNUAL REPORT 2021-22

Constituent Unit of
MGM INSTITUTE OF HEALTH SCIENCES
(Deemed to be University) ESTABLISHED UNDER SECTION 3 OF UG ACT 1956
www.mgmuhs.com



MGM SCHOOL OF PHYSIOTHERAPY
NAVI MUMBAI
NAAC Accredited with Grade A⁺⁺

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 rising ratio 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 from 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, 4 PhD students are pursuing research projects addressing a wide range of current health problems related to non-communicable disorders and evidence based education.

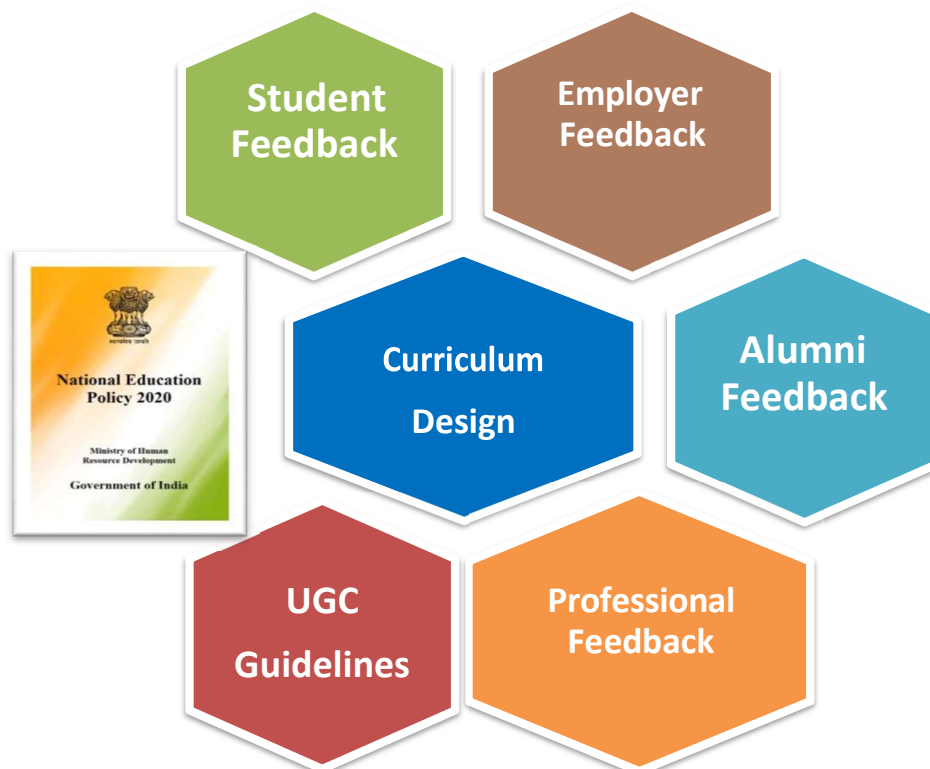
Highlights of the CBCS Curriculum

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 (AECC-6 credits) 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 healthy adults 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 (AECC-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 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 Physiotherapy BPT (CBCS)	4 and half	2021-22	100	100
Master of Physiotherapy MPT (CBCS)	2	2021-22	12	9
PhD	3 (full time)	2021-22	8	2

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. No.	Designation	Staff Strength	
		Requirement as per MSOTPT	Actual (Existing)
1.	Professor	6	2
2.	Associate Professor	10	2
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 (PT)	Associate Professor	03.08.2015	Neurophysiotherapy
5.	Dr Raturaj Shete (PT)	Assistant Professor	17.07.2017	Musculoskeletal Physiotherapy
6.	Dr. Mamta S Shetty (PT)	Assistant Professor	07.10.2017	Musculoskeletal Physiotherapy
7.	Dr.Shrutika Parab (PT)	Assistant Professor	07.10.2017	Neurophysiotherapy

MGMHHS ANNUAL REPORT 2021-22

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. Anisha Gulati (PT)	Assistant Professor	26.08.2019	Musculoskeletal Physiotherapy
12.	Dr. Bhoomika Sawant (PT)	Assistant Professor	26.08.2019	Cardiovascular and Respiratory Physiotherapy
13.	Dr.Omeshree Nagrale (PT)	Assistant Professor	21.03.2020	Community Physiotherapy
14.	Dr. Diksha Basu (PT)	Assistant Professor	17.11.2020	Cardiovascular and Respiratory Physiotherapy
15.	Dr. Hiloni Badani (PT)	Assistant Professor	13.09.2021	Musculoskeletal Physiotherapy
16.	Dr. Akhila Natesan (PT)	Assistant Professor	13.09.2021	Cardiovascular and Respiratory Physiotherapy
17.	Dr. Aamreen Ryain (PT)	Assistant Professor	1.01.2022	Neurophysiotherapy
18.	Dr. Victoria Kuttan (PT)	Assistant Professor	7.01.2022	Musculoskeletal Physiotherapy
19.	Dr. Aarohi Joshi (PT)	Assistant Professor	1.06.2022	Cardiovascular and Respiratory Physiotherapy
20.	Dr. Kshitija Jadhav (PT)	Assistant Professor	10.06.2022	Musculoskeletal Physiotherapy
21.	Dr. Ramandeep Saini (PT)	Assistant Professor	15.06.2022	Community Physiotherapy
22.	Dr. Neha Padia (PT)	Assistant Professor	16.06.2022	Neurophysiotherapy
23.	Dr. Krutika Gawde (PT)	Assistant Professor	12.08.2022	Neurophysiotherapy

MGMIHS ANNUAL REPORT 2021-22

Details of Non-teaching personnel of the Institution:

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

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

Sr. No.	Name of Institution	Date	Seminar/Workshops/Symposia On Curricular Development, Teaching- Learning, Assessment etc.
			2021-22
1.	MGM SOP, Navi Mumbai	09/12/2021	Faculty Development Program on Intellispace training for smart-classroom.
2.	MGM SOP, Navi Mumbai	29/01/2022	Canva software training program for non-teaching staff
3.	MGM SOP, Navi Mumbai	09/03/2022	Faculty Development Program on Innovative teaching methods'
Value Added Courses			
4.	MGM SOP, Navi Mumbai	27.08.2022 03.09.2022	Infection control and biomedical waste management
5.	MGM SOP, Navi Mumbai	20.08.2022, 27.08.2022, 29.08.2022	Road safety and Traffic rules
6.	MGM SOP, Navi Mumbai	28.10.2021 29.10.2021 30.10.2021	3D Gait Analysis

MGMIHS ANNUAL REPORT 2021-22

Sr. No.	Faculty Name	Designation	Programme/Training Attended
1.	Dr. Rajani Mullerpatan	Professor-Director	Thinkathon 2022
2.	Dr. Bela Agarwal(PT)	Professor	Shiksha 2.0 : Unleashing latent potential of Educators in Higher Education Institutions (HEIs)
3.	Dr. Shrutika Parab (PT)	Assistant Professor	Blended learning: Flexibility and Centricity of learners
			Quality assurance through NAAC accreditation - Swayam online certification course
			Prevention and management of disability: Translational research is the need of hour
			Advanced GCP training and recent updates on regulatory requirements
			NiCer 103: Scientific Writing in Health Research
			National intellectual property awareness mission
4.	Dr. Mamta Shetty (PT)	Assistant Professor	Diagnosing and managing epilepsy in primary care
			1 st International Physiotherapy Conference: Beyond Horizon
			Advanced GCP training and recent updates on regulatory requirements
			Shiksha 2.0 : Unleashing latent potential of Educators in Higher Education Institutions (HEIs)
5.	Dr. Raturaj Shete (PT)	Assistant Professor	National intellectual property awareness mission
			1 st International Physiotherapy Conference: Beyond Horizon
			Blended learning: Flexibility and Centricity of learners
6.	Dr. Payal Murkudkar (PT)	Assistant Professor	Shiksha 2.0 : Unleashing latent potential of Educators in Higher Education Institutions (HEIs)
			1 st International Physiotherapy Conference: Beyond Horizon
			Prevention and management of disability: Translational research is the need of hour
7.	Dr. Hiranmayee B (PT)	Assistant Professor	Scientifica 2022
			Advanced GCP training and recent updates on regulatory requirements
			1 st International Physiotherapy Conference: Beyond Horizon
			Development of self-learning material-Swayam
			Designing and Facilitation of E-Learning course
			Academic and research report writing
			Blended learning: Flexibility and Centricity of learners

MGMIHS ANNUAL REPORT 2021-22

			Advanced GCP training and recent updates on regulatory requirements
			NleCer 103: Scientific Writing in Health Research
8.	Dr. Triveni Shetty	Associate Professor	Early Intervention: Through the lens of cutting edge technology and newer concepts
			Advanced GCP training and recent updates on regulatory requirements
9.	Dr. Bhoomika S (PT)	Assistant Professor	Award winning NAAC accreditation data management system by In-pods USA
			1 st International Physiotherapy Conference: Beyond Horizon
10.	Dr. Hiloni Badani (PT)	Assistant Professor	1 st International Physiotherapy Conference: Beyond Horizon
			Scientifica 2022
11.	Dr. Omeshree N (PT)	Assistant Professor	Award winning NAAC accreditation data management system by inPods USA
			1 st International Physiotherapy Conference: Beyond Horizon
12.	Dr. Rucha Pradhan (PT)	Assistant Professor	1 st International Physiotherapy Conference: Beyond Horizon
			Society of Indian Physiotherapist (Bhave award)
13.	Dr. Anisha Gulati (PT)	Assistant Professor	1 st International Physiotherapy Conference: Beyond Horizon
14.	Dr. Aamreen Ryain (PT)	Assistant Professor	1 st International Physiotherapy Conference: Beyond Horizon
			Early Intervention: Through the lens of cutting edge technology and newer concepts
15.	Dr. Amrita Ghosh (PT)	Associate Professor	Advanced GCP training and recent updates on regulatory requirements
16.	Dr. Victoria Kuttan (PT)	Assistant Professor	Prevention and management of disability: Translational research is the need of hour
			Shiksha 2.0 : Unleashing latent potential of Educators in Higher Education Institutions (HEIs)
17.	Dr. Akhila Natesan (PT)	Assistant Professor	Prevention and management of disability: Translational research is the need of hour
18.	Dr. Pooja Dogra (PT)	Assistant Professor	Scientifica
19.	Dr. Neha Padia (PT)	Assistant Professor	Thinkathon
20.	Dr. Aarohi Joshi (PT)	Assistant Professor	National intellectual property awareness mission

Ongoing / completed Research projects:

Sr. No.	Name of Institution	Ongoing	Completed
1	MGM School of Physiotherapy, Navi Mumbai	Undergraduate - 16 Post graduate - 10 PhD - 2	Undergraduate -14 Postgraduate - 8 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	9	2	0	1 Book & 1 book Chapter	1	Copyright: 1 Registered: 1 Applied: 8

Research Publications:

Sr. No	Year of Publication	Subject of paper	Name of the Teacher/ Student	Name of Journal	National / International
1.	2021	Evaluation of Early Knee Osteoarthritis Using Biomechanical and Biochemical Markers. 2021	Agarwal BM, Yadav RP, Tambe SD, Kulkarni CC, Mullerpatan RP	Critical Reviews™ in Biomedical Engineering.	International
2.	2021	Physical Function Assessment Tools in the Intensive Care Unit: A Narrative Review.2022	Agarwal B, Aglawe D, Sawant B.	Critical Reviews™ in Physical and Rehabilitation Medicine	International
3.	2021	Indian(Marathi) version of the Shoulder Pain and Disability Index (SPADI): Translation and validation in patients with adhesive capsulitis	Pahade AJ, Wani SK,	Hong Kong Physiotherapy Journal	International

MGM IHS ANNUAL REPORT 2021-22

4.	2022	Assessment and comparison of agility in cricketers depending on their playing position –an observational pilot study,	Shloka Jaywant, Victoria Kuttan	International Journal of Science	International
5.	2022	A review of the physiological effects of Suryanamaskar in children. July 2022	Kanojia AK, Bagwe H, Agarwal BM.	MGM Journal of Medical Sciences	National
6.	2022	Functioning of Older Adults in Low and Middle Income Countries: A Literature Review. April 2022	Desai P, Mullerpatan R.	Critical Reviews™ in Physical and Rehabilitation Medicine.	International
7.	2022	SPINE20 recommendations 2021: spine care for people’s health and prosperity. European Spine Journal. 2022 Apr 7: Pg. no:1-0.	Costanzo G, Misaggi B, Ricciardi L, AlEissa SI, Tamai K, Alhelal F, Alqahtani Y, Alsobayel HI, Arand M, Balsano M, Blattert TR. Rajani Mullerpatan	European Spine Journal.	International
8.	2022	Validation of wearable inertial sensor-based gait analysis system for measurement of spatiotemporal parameters and lower extremity joint kinematics in sagittal plane. 2022 May.	Patel G, Mullerpatan R, Agarwal B, Shetty T, Ojha R, Shaikh-Mohammed J, Sujatha S.	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine.	International
9.	2022	Physical Function in Critically Ill Patients during the Duration of ICU and Hospital Admission. Indian. 2022 Mar	Aglawe DR, Agarwal BM, Sawant BD.	Journal of Critical Care Medicine: Peer-reviewed, Official Publication of	International

MGMIHS ANNUAL REPORT 2021-22

				Indian Society of Critical Care Medicine	
10.	2022	National Education Policy 2020: Call for reconfiguration of physiotherapy education and research in India. 2022 Jan	Mullerpatan RP	Journal of Society of Indian Physiotherapists.	National
11.	2022	Differences in Foot Characteristics Between Bharatanatyam Dancers and Age-Matched Non-Dancers. 2022 Mar	Mullerpatan RP, Bharnuke JK.	Medical Problems of Performing Artists	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	Rajani Mullerpatan, Girish Nehete, Bela Agarwal, Triveni Shetty	Codex International Publishers	2022
2	ISBN 9789354651410	Physiotherapy in Cardiopulmonary Condition Author for book Chapter 24- Disorders of Pleura and Thoracic cage	Bela Agarwal	Jaypee-The Health Science Publisher	2022

MGMIHS ANNUAL REPORT 2021-22

Details of Abstracts: NIL

Sr. No	Year of Publication	Subject of paper	Name of the Teacher/ Student	Name of Journal	National / International
1	2022	Physical Function in Critically Ill Patients during ICU Stay	Dr. Damini Aglawe (PT) Dr. Bela Agarwal, Dr. Bhoomika Sawant (PT)	Abstracts of Scientifica 2022	National

Details of Copyright:

Sr. No.	Invention Title	Name of Inventors	Copyright Registration Number	Applied/ Registered
1.	MGM Incremental Wheelchair Propulsion Test (MGM-IWPT)	Bela Agarwal, Shrutika Parab, Rajani Mullerpatan	28808/2021-CO/L	Registered
2.	MGM Ground Level Activity Exposure Questionnaire- Brief English Version	Bela Agarwal, Rajani Mullerpatan	18436/2021-CO/L	Applied
3.	Objective Structured Practical Evaluation (OSPE) to assess competency of Bachelor of Physiotherapy graduates in Human Physiology course	Bela Agarwal, Hiranmayee Bagwe, Shrutika Parab, Rajani Mullerpatan	L-116834/2022	Applied
4.	3 Dimensional Gait test Report for children: 13-18 years	Rajani Mullerpatan, Triveni Shetty	3306/2020-CO/L	Applied
5.	MGM Ground Level Activity Exposure Questionnaire- Brief Marathi Version	Bela Agarwal, Rajani Mullerpatan	18440/2021-CO/L	Applied
6.	MGM Ground Level Activity Exposure Questionnaire- Brief Hindi Version	Bela Agarwal, Rajani Mullerpatan	18444/2021-CO/L	Applied
7.	MGM knowledge, Attitude and Practices among Primary Caregivers of children with Cerebral Palsy - English Version.	Triveni Shetty, Rajani Mullerpatan, Sailaxmi Ganesan	6032/2022-CO/L	Applied
8.	MGM's Osteoporosis Risk Assessment Questionnaire	Triveni Shetty, Rajani Mullerpatan, Poonam Desai	14331/2022-CO/L	Applied
9.	3 Dimensional Gait test Report for children: 13-18 years	Rajani Mullerpatan, Triveni Shetty	3306/2020-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

No. of Collaborations/Linkages: 08

Sr. No.	Collaborations	Duration	National/ International	Purpose/ Output
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

MGMIHS ANNUAL REPORT 2021-22

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. Department jointly by BETiC, IIT Bombay and MGMSOPNM
5.	Kaivalyadhama Yoga Institute, Lonavala	Open MOU	National	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
8.	Mahatma Education Society's Pillai College of Engineering	2022-2027	National	Collaborative Research for device development and technology validation

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	8	1	2

MGMIHS ANNUAL REPORT 2021-22

Name of the teacher awarded fellowship, advanced studies, collaboration research	Name of the award / fellowship / conference	National/ International	Year of award of fellowship / advanced study / Conference	Name of Awarding Agency	Participation as Delegate/ Chairperson /Resources speaker / Guest Lecture	Financial support received
Dr. Bela Agarwal	Shiksha 2.0 : Unleashing latent potential of Educators in Higher Education Institutions (HEIs)	National	2022	Sri Sri University ,Human Resource Development Centre	Delegate	INR 1499 per faculty member Total 7495/- Received support for registration fees from MGMIHS
Dr. Mamta Shetty (PT)						
Dr. Raturaj Shete (PT)						
Dr. Payal M (PT)						
Dr. Victoria K (PT)						
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. Shrutika Parab (PT)	Quality assurance through NAAC accreditation process	National	2022	Swayam Online Course Certification	Delegate	NIL
	Scientific Writing in Health Research	National	2022	Swayam Online Course Certification	Delegate	NIL
Dr. Hiranmayee Bagwe (PT)	Development of Self – Learning material	National	2022	Swayam Online Course Certification	Delegate	NIL
	Design and Facilitation of E-learning courses	National	2022	Swayam Online Course Certification	Delegate	NIL
	Academic And Research Report Writing	National	2022	Swayam Online Course Certification	Delegate	NIL
	Scientific Writing in Health Research	National	2022	Swayam Online Course Certification	Delegate	NIL

Details of Resource Person:

Name of the faculty	Designation	Details of the Conference	Organising Agency	Title of the chaired session	Date and Duration	Venue
Dr.Rajani Mullerpatan	Professor-Director	ASET Colloquium	Tata Institute of Fundamental Research	Movement In Health for Health! Application of Human Movement Science In healthcare for Health & wellness.	26 th August 2022	Tata Institute of Social Science, Mumbai
Dr. Rajani Mullerpatan	Professor-Director	Thinkathon : Research opportunities and challenges	The Indian Association of Physiotherapists Women's cell	MGM Centre of Human Movement Sciences: A research model in Physiotherapy	4 th June 2022	Online

Library:

Sr. no.	Name of Institution	Number of Books		Number of Journals		
		Text Books	Reference Books	National	International	E-Journals
1	MGM School of Physiotherapy, Navi Mumbai	605	151	0	5	0

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

Sr. No.	Name of Institution	College	National	International
1	MGM School of Physiotherapy, Navi Mumbai	-	-	1 (17 th February 2022 Prevention and Management of Disability: Translational research is the need of the hour)

Distinguished visitors / speakers to the institution:

Sr. No	Name of Institution	Name of Distinguished Guest	Date	Purpose of visit
1.	MGM CHMS, Navi Mumbai	Dr. Anjali Kulkarni (General Physician, Mumbai)	27 th November 2021	To view various technologies available at MGM CHMS
2.	MGM CHMS, Navi Mumbai	Ms Roma Kulkarni (Model, Mumbai)	10 th December 2021	Understand facilities offered at the MGM CHMS for future participation in research project.
3.	MGM CHMS, Navi Mumbai	Dr. Ashlesha Tawde (Assistant Professor-Community Medicine & Public Health, Unnat Bharat Abhiyan coordinator)	27 th January 2022	Discussion of the plan of action of a PhD project
4.	MGM CHMS, Navi Mumbai	Dr. Deepa Kalliath (DPT) (Physical Therapist, Atlantic health, New Jersey),	16 th February 2022	To view various technologies available at MGM CHMS
5.	MGM CHMS, Navi Mumbai	Mr Balaji Ramamurti (Professional Education Manager, Johnson & Johnson Medical Device India).	28 th March 2023	To view various technologies available at MGM CHMS to validate technologies with respect to orthopaedic implants.
6.	MGM CHMS, Navi Mumbai	Dr Amar Rai (Former Vice Chancellor North Eastern Hill University, Shillong,)	7 th April 2022	As a peer review team member for NAAC 2 nd Cycle Visit
7.	MGM CHMS, Navi Mumbai	Dr Mahesh Gupta (Professor & HOD Pharmacology PGIMS Rohtak, Haryana)	7 th April 2022	As a peer review team member for NAAC 2 nd Cycle Visit
8.	MGM CHMS, Navi Mumbai	Dr Hansa Goswami (Professor and Head, Department of Pathology, B.J. Medical College and Civil Hospital, Ahmedabad)	7 th April 2022	As a peer review team member for NAAC 2 nd Cycle Visit
9.	MGM CHMS, Navi Mumbai	Dr Praveen Singh (Professor Mahatma Gandhi Central University, Motihari, East Champaran, Bihar)	7 th April 2022	As a peer review team member for NAAC 2 nd Cycle Visit

MGMIHS ANNUAL REPORT 2021-22

10.	MGM CHMS, Navi Mumbai	Dr Sheeja Vargheese (Dean, Saveetha Dental College, Tiruvallur ,Chennai, Tamil Nadu)	7 th April 2022	As a peer review team member for NAAC 2 nd Cycle Visit
11.	MGM CHMS, Navi Mumbai	Dr Ashok Mhaske (Medical Director People's Hospital, Madhya Pradesh)	7 th April 2022	As a peer review team member for NAAC 2 nd Cycle Visit
12.	MGM CHMS, Navi Mumbai	Mr Joseph Daly (Professor Expert in field of Bharatanatyam)	3 rd May 2023	As a peer review team member for NAAC 2 nd Cycle Visit
13.	MGM CHMS, Navi Mumbai	Mrs. Anjani Telang (Professional experienced Bharatanatyam dancer)	3 rd May 2023	As a peer review team member for NAAC 2 nd Cycle Visit
14.	MGM CHMS, Navi Mumbai	Dr. Anand Bang (Health advisor TATA Trust, Honorary Health advisor to Chief Minister of Maharashtra, Joint- Director SEARCH, Gadchiroli)	8 th June 2022	Discussion regarding future Collaborative research activity for rural, tribal community
15.	MGM CHMS, Navi Mumbai	Mr. Rameshwar Naik (NRHM Advisor Government of Madhya Pradesh)	8 th June 2022	Discussion regarding future Collaborative research activity for rural, tribal community
16.	MGM CHMS, Navi Mumbai	Mrs. Nandini Krishna (Dance Journalist)	30 th June 2022	Future collaborative research activity in the field of Bharatanatyam

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	Science Shikshika Shodhkarti Mention 2022	Rethink India 7 th March 2022
		Director	EdCom Member, Spine 20 Global Advocacy for Spine care	30 th April 2022
2.	Dr. Bela Agarwal	Professor	Science Shikshika Shodhkarti Mention 2022	Rethink India 7 th March 2022
			Executive Committee Member, The Society of Cardiovascular and Pulmonary Rehabilitation	March 2022
3.	Dr. Rucha Pradhan (PT)	Assistant Professor	Bhave Award	Society of Indian Physiotherapist (29 April -1 st May 2022)
4.	Dr. Shrutika Parab (PT)	Assistant Professor	Young researcher award	Institute of Scholars, India
5.	Dr. Raturaj Shete (PT)	Assistant Professor	Best Teacher Award 2022	Institute of Scholars, India
6.	Dr. Hiranmayee Bagwe (PT)	Assistant Professor	Best Teacher Award 2022	Institute of Scholars, India
7.	Dr. Payal Murkudkar (PT)	Assistant Professor	Best Teacher Award 2022	Institute of Scholars, India
8.	Ms.Damini Aglawe	PG Student	Student Project Program 2022 “Physical function in critically ill patients during duration of ICU admission and hospital admission.”	Institute of Scholars, India
9.	Ms. Vaidehi Gharpure (PT)	PG Student (MPT Semester-III)	2 nd Prize in Paper presentation	28 th July, 2022 Confluence 2022 : An International Medical, research and Medical Humanities conference

Student awards and achievements:

Sr. No.	Name of Award/medal	Name of student
1.	2 nd prize in 'Medathon - The Healthcare Hackathon ,Confluence 2022: An International Medical, research and Medical Humanities conference	Ms. Palak Trivedi
2.	3 rd prize at Maharashtra Judo championship	Ms. Sanvi Khot
3.	1 st prize at Mumbai Judo championship	
4.	1 st position at PTBL State level Badminton League for Physiotherapists	Mr. Vedant Gharat
5.	Renaissance 2022 (Badminton Singles)-Silver Medal	
6.	Renaissance 2022 (Badminton doubles)-Gold Medal	Mr. Vedant Gharat & Mr.Suraj Gupta
7.	PTBL State level Badminton League for Physiotherapists	Ms. Sudhiksha Vyas
8.	Silver medal in discuss throw- Renaissance 2022	Mr. Aayush Sawdawkar
9.	KJSCE SKREAM (Shot-put)- Silver Medal	Ms. Saniya Richard
10.	Renaissance 2022 (Shot-put and discus throw)- Silver Medal	
11.	Silver Medal Relay – Renaissance 2022	Ms. Sudhiksha Vyas, Mr. Ankur Kesarkar, Ms. Rachna Goradia, Ms. Saniya Richard
12.	Renaissance 2022 (100m Sprint)- Gold Medal	Mr. Ankur Kesarkar
13.	Renaissance 2022 (200m Sprint)- Gold Medal	
14.	Level Up 2022 (Cricket)	Ms. Sayali Mandke, Ms. Ritu Shah, Ms. Saniya Richard, Ms. Siddhi Ainkar, Ms. Ishika Kohli, Ms. Samruddhi Sanas, Ms. Ashi Shah, Ms. Moksha Jain
15.	Level Up 2022 (Cricket- Best Batsman)	Ms. Moksha Jain
16.	Level Up 2022 (Cricket-Best Bowler)	
17.	Level Up 2022 (Cricket-Man of the Match 1)	
18.	Level Up 2022 (Cricket-Man of the Match 2)	
19.	Level Up 2022 (Cricket-Man of the Match 3)	
20.	Level Up 2022 (Cricket-Man of the Match 4)	
21.	2 nd Place in Drama Competition- Renaissance 2022	Ms. Navya Shaji, Mr. Sudin Dinkar, Ms. Pruthvi Shetty, Mr. Aditya Narkhede
22.	76th Independence Day celebration (Singing competition)	Mr. Nitanshu Sawant, Ms. Apurva Kalshetty, Mr. Devanshu Gupta, Ms. Pooja Ganjad, Ms. Shreya Jadhav

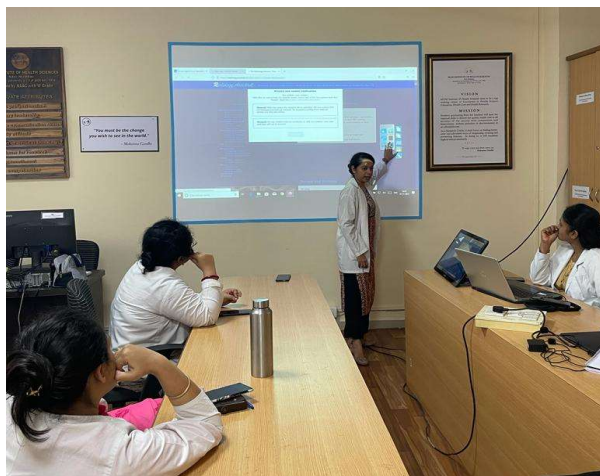
Events & Photographs:



BPT Induction Program (8th – 13th Nov, 2021)



MPT Induction Program (8th – 13th Nov, 2021)



Faculty Development Program on Intellispace on 09th December 2021



Dr. Sabita Ram (Research Director-MGM Institute of Health Science) in discussion with Core Team at MGM Centre of Human Movement Science on various projects carried out at the Centre



Drama competition on occasion of Marathi Bhasha divas 25th February, 2022



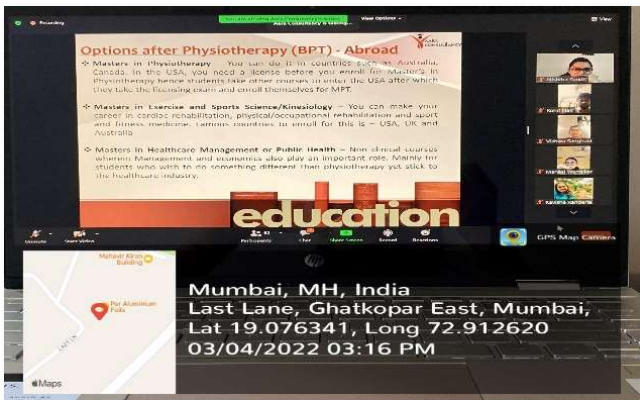
Elocution Competition on occasion of Marathi Bhasha divas 25th February, 2022



Poetry recitation on occasion of Marathi Bhasha divas 25th February, 2022



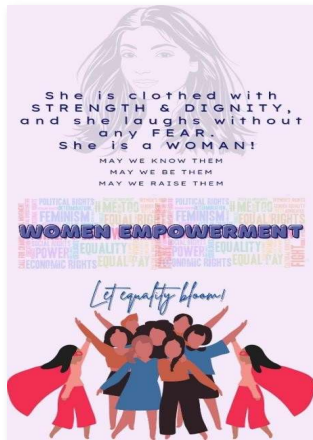
Singing competition on occasion of Marathi Bhasha divas 25th February, 2022



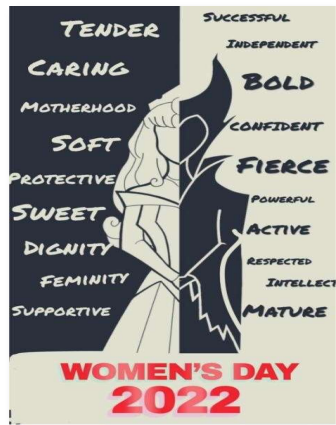
Online study abroad counselling session conducted by representative of AARA Consultancy organised by Placement Cell, MGM School of Physiotherapy on 4th March 2022



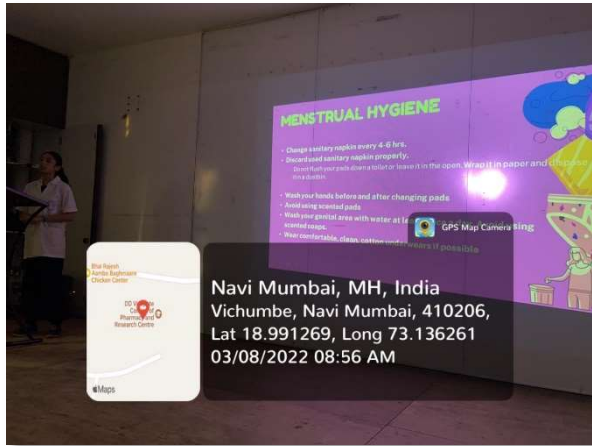
Career Counselling session conducted by representative of Imperial Study Abroad organised by Placement Cell, MGM School of Physiotherapy on 21st March 2022



Poster making competition on International Women's Day -8th March, 2022



Awareness on Gender Equality and Rights of Women in community on International Women's Day -8th March, 2022



Awareness session on Menstrual Hygiene among School children of D. D. Vispute English Medium School organised by NSS Unit on 8th March 2022



NAAC Peer Team visit to MGMSOP, Navi Mumbai on 6th April 2022



NAAC Peer Team visit to MGM Centre of Human Movement Sciences, Navi Mumbai on 6th April 2022



Innovation challenge organized by MGM School of Physiotherapy, NM on the occasion of World Health Day 2022



Essay writing competition organized by MGM School of Physiotherapy, NM on the occasion of 'National Science Day 2022'



Walkathon for Awareness about Parkinson's Disease on 11th April 2022



Dr. Shashank Dalvi (Vice-Chancellor, MGM Institute of Health Sciences) interacting with patients about their journey with Parkinson's Disease on the occasion of World Parkinson's day



Flashmob at Haware Centurion Mall, Seawoods to generate community awareness about Parkinson's Disease on 13th April 2022



Guest Lecture by Dr. Aarti Kulkarni (Neurologist) on Integrated care in Parkinson's Disease on the occasion of Parkinson's Awareness Week



Students engaged in Yoga activity on International Yoga Day-21st June 2022



Tree plantation drive on occasion of World Environment Day on 11th June, 2022

MGMIHS ANNUAL REPORT 2021-22



Digital Art Competition organised by NSS unit on 20th July, 2022



Awareness session at PHC, Nere on World Population Day 2022



Online Webinar on Introduction to Medical Device Innovation and Entrepreneurship on 3rd August, 2022



Prabhat Pheri organized by NSS Unit, MGM School of Physiotherapy on occasion of Independence Day 2022



“Har Ghar Tiranga” organized by NSS Unit, MGM School of Physiotherapy on occasion of Independence Day 2022



Peer Team visit and Document verification by Maharashtra State OTPT Inspectors on 12th August 2022



**MGM SCHOOL OF PHYSIOTHERAPY
AURANGABAD
NAAC Accredited with Grade A++**

1. Year of Establishment:

- 2008

2. Accreditation:

- NABH Accredited
- 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)	21	5
PG	6	5
PhD	0	0

4. Academic Programs Details:

Name of Program	Intake	Number of Admissions/ Enrollments
UG (Physiotherapy)	100	100
PG	12	8
PhD	-	1

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

As our teachers adopted innovative and student centric methods of teaching, students too did their best. At our institution, our teachers came up with excellent ideas of teaching which helped our students in their academic performances. We used different number of Student centric methods like Group discussions, Debate, Roll-Play, Project Based Learning, Cooperative learning etc. The physiotherapy profession is all about practical skills, we made sure that our students are swift with their patient handling skills and knowledge. We feel proud to say all the hard work and determination of our students and teachers have paid off. Our students did exceptionally well in their academics. Here we are presenting the list of rank holders from the last academic year. We congratulate all the students and wish them all the best for the coming academic years.

Link of academic calendar:

<https://www.mgmuhs.com/Academic.html>

RESULTS














STUDENTS PASSING PERCENTAGE FOR YEAR 2021-2022

BPT

Sr No	Program	Batch	Passing Percentage
1	BPT (IIIrd SEM)	2020-21	90.69
2	BPT (IVth SEM)	2019-20	89%
3	BPT (Ist SEM)	2021-22	77%
4	BPT (IIIrd SEM)	2020-21	94%
5	BPT (Vth SEM)	2019-20	89%

MPT

Sr No	Program	Batch	Passing Percentage
1	MPT (IIInd SEM)	2020-21	100%
2	MPT (IVth SEM)	2019-20	100%
3	MPT (Ist SEM)	2021-22	100%
4	MPT (IIIrd SEM)	2020-21	83%

Academic Toppers of MGM SOP Ist Year BPT			
Sr. No	Name	Percentage (%)	Photos
1	Samiksha Dixit-1st rank	70.50%	
2	Karina Choudhary- 2 nd rank	69.50%	
3	Prachunsa Bumb-3rd rank	69.20%	
II nd Year BPT			
1	Nikita Narwade - 1st rank (330)	66%	
2	Ishani Prasade - 2nd rank (316)	63.20%	
3	Nandita Bhala - 2nd rank (316)	63.20%	
4	Nidhee Gaddpawar- 2nd rank (316)	63.20%	
5	Sakshi Deshmukh - 2nd rank (316)	63.20%	
6	Pooja Chaurasia - 3rd rank (315)	63%	
7	Sakshi Gujrathi - 3rd rank (315)	63%	
III nd Year BPT			
1	Khushi Bharuka	67.33%	
2	Javeria Shaikh	67.13%	
3	Shreya Tonpe	66.49%	

Student Awards

Student's Extracurricular Achievements

The best teacher polishes not only the academic aspect of students but also shapes them through cognitive, psychosocial, emotional aspects. This is why we at the MGM School of physiotherapy pay special attention to our students' extracurricular achievements. This year our students left no stone unturned and showed their spark in field of Research, and Innovation. This year, one of our undergraduate students secured an International Patent It was a glorious moment for our institution. We feel proud to showcase the success of our students in different paper presentations, poster presentations, art, and science. We hope our students continue to grow multi-dimensionally, be better humans and contribute to society.

Sr No	Name of The Students	Category	Prize	Date	Description
1	Maliha Fatima (PG)	Panel Discussion	Best Panellist	8 th Feb 2022	Panel Discussion On “Close The Care Gap”
2	Shruti Ramekar (UG)	E-Poster	2 nd	25 th Feb 2022	Virtual Conference At Nootan College Of Physiotherapy, Gujrat
3	Kimaya Patil (UG)	Quiz Competition	1 st	25 th Feb 2022	Quiz Competition Held At Nootan College Of Physiotherapy, Gujrat
4	Bhairavi Ugale (UG)	Quiz Competition	3 rd	25 th Feb 2022	Quiz Competition Held At Nootan College Of Physiotherapy, Gujrat
5	Bhairavi Ugale (UG)	E-Poster	2 nd	25 th Feb 2022	Virtual Conference At Nootan College Of Physiotherapy, Gujrat
6	Sakshi Virsanikar (UG)	E-Poster	2 nd	25 th Feb 2022	Virtual Conference At Nootan College Of Physiotherapy, Gujrat
7	Saba Shaikh (PG)	Paper Presentation	1 st	27 th Feb 2022	Rehab-E-Con International Conference, 2022
8	Maliha Fatima (PG)	Paper Presentation	3 rd	27 th Feb 2022	Rehab-E-Con International Conference, 2022
9	Atharva Sane (UG)	Paper Presentation	2 nd	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College Of Physiotherapy, Pune
10	Kankshi Vetkar (UG)	Paper Presentation	3 rd	4 th June 2022	IAPWC, THINKATHON Conference June 2022

MGMIHS ANNUAL REPORT 2021-22

11	Kankshi Vetkar (UG)	Paper Presentation	1 st	4 th June 2022	IAPWC, THINKATHON Conference June 2022
12	Shruti Ramekar (UG)	E-Poster	2 nd	14 th & 15 th May 2022	Convergence 2022 International Conference, Chennai
13	Shruti Ramekar (UG)	E-Poster	3 rd	June 2022	MGM IIC Biotech Event 2022
14	Shruti Ramekar (UG)	Patent		June 2022	Patent Presented In Namaste India Magazine
15	Shruti Ramekar (UG)	Innovation & Incubation	1 st	June 2022	Innovation And Incubation Held At MGM

Sports and Cultural Achievements:

Sr No	Name of The Student	Category	Prize	Date	Description
1	Shweta Acharya (UG)	Duet Dance	1 st	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College of Physiotherapy, Pune
2	Nandita Bhala (UG)	Duet Dance	1 st	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College of Physiotherapy, Pune
3	Chinmay Videkar (UG)	200 Mt Sprint	2 nd	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College of Physiotherapy, Pune
4	Himanshu Patil (UG)	100 Mt Relay	2 nd	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College of Physiotherapy, Pune
5	Prasad Deshmukh (UG)	100 Mt Relay	2 nd	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College of Physiotherapy, Pune
6	Dev Parab (UG)	100 Mt Relay	2 nd	29 th April to 1 st May 2022	“Renaissance” State Level Intercollegiate Event At Modern College of Physiotherapy, Pune

AWARDS

Achievements of Faculty

To deliver the best knowledge and wisdom to the students a teacher must himself keep learning and achieving new things. Our faculty keeps themselves up to date and hence they deliver the best knowledge to their students. Following is the list of our faculty who have achieved significant appreciation or recognition with certain prestigious awards, as reviewers to reputed journals or as resource persons. They are doing exceptionally well and developing themselves from all aspects. We make sure they get enough opportunities to utilize their skills also we provide them with the infrastructure and technical facilities. We congratulate all of them and hope they gear up for the coming academic year and many more years to come.

Sr No	Name of The Faculty	Awards and Recognition
1	Dr Shrikant Mhase	‘Outstanding Academician Award’ By MGMSOP
2	Dr Pallavi Palaskar	Best Innovation Solutions Award B-Tech IIT Bombay
3	Dr Pallavi Palaskar	Second Prize For Scientific Paper Presentation At International Rehab-E-Con 2022
4	Dr Pallavi Palaskar	‘Best Research Faculty Award’ By MGMSOP
5	Dr Bhalchandra Kharsade	‘Best Teacher Award’ By MGMSOP
6	Dr. Sherin Paulose	First Prize For Scientific Paper Presentation In Junior Professional Category At IAPWC, June 2022
7	Dr Pooja Motar	‘Best NAAC Co-Ordinator’ Award By MGMSOP
8	Dr Pooja Motar	‘Best Class Co-Ordinator’ Award By MGMSOP
9	Dr Vaibhavi Walimbe	‘Best Class Co-Ordinator’ Award By MGMSOP
10	Dr Pooja Kumari Mahaseth	‘Best Paper Presenter’ At The Convergence 2022 International Conference By Vijaya Educational Academy May, 2022, Chennai.
11	Dr Pooja Kumari Mahaseth	Third Prize For Research Paper At “International Multidisciplinary Rehab E-Con 2022” S, By ACNM.
12	Dr Pooja Kumari Mahaseth	As A Reviewer In Turkish Journal Of Health Science And Life
13	Dr. Junneshwar Bidve	Need of Investigation Award by E-MEDHA 2022 A Medical Device Hackathon
14	MGM School of Physiotherapy	Awarded for its excellent contribution in the social and academic field; by bahuddeshiya sevabhavi sanstha.

Resource Person

Sr No	Name of The Faculty	As A Resource Person
1	Dr Rinkle Malani	Virtual Conference On Pedagogical Practice In Physiotherapy At Nootan College Of Physiotherapy, Gujrat
2.	Dr Rinkle Malani	‘Intellectual Property Rights’ At MGM School Of Biomedical Science
3	Dr Rinkle Malani	‘Pain Science Symposium’ At Cauvery College Of Physiotherapy, Mysore
4	Dr Pooja Kumari Mahaseth	For Being ‘Session Chair” At Convergence 2022
5	Dr Utkarsha Kawathekar	Treatment Based Classification For Low Back Pain At MGMIOP

FACULTY PUBLICATIONS

Type	National (Number)	International (Number)
Research Papers	-	47
Books	1	
Patents/ Copyrights	15 (copyrights)	1 (patent)
Funded projects	Dr. Pallavi Palaskar has received Research grant of Rs. 1000000 by Andhra Pradesh med Tech zone for innovation of an idea to “save oxygen on bipap machine”.	

RESEARCH PUBLICATIONS BY FACULTY

The physical therapy profession has to upgrade its method of practice as anecdotes and word of mouth have lost their credibility. It is the moral and professional obligation to move away from assessment and treatment methods based on anecdotal testimonies or opinions. Our faculty is providing the best care to the patients with effective clinical decision making which is entirely based on recent advances and shreds of evidence in physiotherapy. We provide our faculty with sufficient time, support, resources required for the research activities. Our faculty has taken a lot of effort to sharpen their critical thinking and research writing skills. We conducted many Faculty Development Programs to make the faculties aware of the process of research writing, funding, and publishing the research. This all ultimately helps us in providing better care to our patients

SR No	Title	Citations	Indexing
1.	Mononeuritis Multiplex Post Sars-Cov2: Implication for Rehabilitation	Motar P, Munot A, Patange R. Mononeuritis Multiplex Post Sars-Cov2: Implication for Rehabilitation. International Journal of Research and Analytical Reviews. 2022feb18;9(1):902–7.	UGC
2.	Awareness of covid-19 and its effect on cardio-respiratory system among physiotherapy students and professionals–cross sectional study	Dabri A, Bidve JL, Marbate R, Malani R, Mogal N. Awareness of covid-19 and its effect on cardio-respiratory system among physiotherapy students and professionals–cross sectional study. Journal of Cardiovascular Disease Research. 2021:1937-46.	SCOPUS/ Google Scholar
3.	Comparison between the effect of different pranayama through telerehabilitation on stress and quality of life in healthy individuals during covid-19 pandemic	Mogal NR, Bidve JL, Marbate R, Malani R, Dabri A. Comparison between the effect of different pranayama through telerehabilitation on stress and quality of life in healthy individuals during covid-19 pandemic. Journal of Cardiovascular Disease Research. 2021:1739-48.	SCOPUS/ Google Scholar
4.	Immediate effects of cranisacral therapy in patients with non-specific low back pain - A Case report	Immediate Effect of Craniosacral Therapy in a Patient with Non-Specific Low Back Pain- A Case Report [Internet]. [cited 2022 Aug 11].	Indexed Copernicus

MGMHHS ANNUAL REPORT 2021-22

5.	Immediate effect of dry needling semispinalis capitus in a patient with nonspecific neck pain - A Case report	Immediate Effect of Dry Needling for Semispinalis Capitis in a Patient with Non-Specific Neck Pain- A Case Report [Internet]. [cited 2022 Aug 11].	Indexed Copernicus
6.	Insitigatingpne in patient of algophobia chronic low back pain	kulkarni Y, Walimbe V, Mahajan S, Thorat A, Chitapure T. InstegatingPne In Patient of Algophobic Chronic Low Back Pain [Internet]. In Review; 2021 Nov [cited 2022 Aug 11].	Google Scholar
7.	A Narrative Review of Anatomy and Clinical Biopsychosocial Assessment of Sacroiliac Joint Pain.	SHARMA NS, CHITAPURE TB, BHALERAO AA. A Narrative Review of Anatomy and Clinical Biopsychosocial Assessment of Sacroiliac Joint Pain. Journal of Clinical & Diagnostic Research. 2022 Jun 1;16(6).	Web of Science
8.	Efficacy of neural mobilization to improve functional activity in cerebral palsy children - An Experimental study	Efficacy of Neural Mobilization to Improve Functional Activity In Cerebral Palsy Children- An Experimental Study [Internet]. [cited 2022 Aug 11].	UGC
9.	Intensity of Pain and Satisfaction with Pain Management Among Postnatal Mothers After Caesarean Section	Badu B, Dhital N, Mahaseth P. Intensity of Pain and Satisfaction with Pain Management Among Postnatal Mothers After Caesarean Section. International Journal of Special Education. 2022 Mar 4;37:2022–5812.	UGC
10.	Mechanical interventions in the management of knee osteoarthritis: an OA trial bank individual participant data meta-analysis	Macri E, Callaghan MJ, van Middelkoop M, Bennell KL, Hinman RS, Paterson KL, Hunter DJ, de Noronha M, van Ginckel A, Thoumie P, Brouwer RW. Mechanical Interventions In The Management Of Knee Osteoarthritis: An OA Trial Bank Individual Participant Data Meta-Analysis Initiative Status Update. Osteoarthritis and Cartilage. 2022 Apr 1;30:S136.	SCOPUS
11.	GRIN2B-Related Syndrome: A Rare Case Study of a Male Child and Insight into Physiotherapy Treatment	Ramekar SD, Mahaseth PK. GRIN2B-Related Syndrome: A Rare Case Study of a Male Child and Insight into Physiotherapy Treatment. International Journal of Science and Healthcare Research. 2022;7(2):41–6	UGC

MGMHHS ANNUAL REPORT 2021-22

12	Hydrocephalus and physiotherapeutic interventions: Review article	Palaskar, P., Desale, G., Shinde, D., & Naik, K. (2022). Hydrocephalus and physiotherapeutic interventions: Review article. <i>Neuroquantology</i> , 20(6).	SCOPUS
13	Spina Bifida and physiotherapeutic interventions-Review article	Palaskar, P., Shinde, D., Naik, K., Desale, G., & Sant, N. (22AD). Spina Bifida and physiotherapeutic interventions-Review article. <i>Neuroquantology</i> , 20(6)	SCOPUS
14	Rehabilitative management of Down's syndrome-A review of literature	Palaskar, P. R., Sant, N., Naik, K., Desale, G., & Shinde, D. (2022). <i>Rehabilitative management of Down's syndrome-A review of literature</i> . ms, Aurangabad	SCOPUS
15	Effectiveness of surge faradic stimulation and proprioceptive neuromuscular facilitation for rehabilitation of hemiplegic hand in hemiplegic cerebral palsy: a case report	Sant N, Hotwani R, Kulkarni Y, Thorat A, Palaskar P. Effectiveness of surge faradic stimulation and proprioceptive neuromuscular facilitation for rehabilitation of hemiplegic hand in hemiplegic cerebral palsy: a case report. <i>PAMJ-Clinical Medicine</i> . 2022 Feb 10;8(32).	PubMed
16	Combined Effect of Yoga and Aerobic Exercise on Mild Cognition Inpatients with Alcohol Use Disorder"- An Experimental Study.	Motar P, Vaidya A, Tartil SS, Ghodke S. Combined Effect of Yoga and Aerobic Exercise on Mild Cognition Inpatients with Alcohol Use Disorder"- An Experimental Study. <i>INTERNATIONAL JOURNAL OF SPECIAL EDUCATION</i> . 2022May17;37(3):8617-25.	SCOPUS
18	Interlinking Between Awareness of Menstrual Hygiene Practice, Quality of Life And Its Associated Factors Amongst Physically Disabled Females In Aurangabad District, India- A Cross Sectional Study	KankshiVetkar, Dr. Pooja Motar, Interlinking Between Awareness of Menstrual Hygiene Practice, Quality Of Life And Its Associated Factors Amongst Physically Disabled Females In Aurangabad District, India- A Cross Sectional Study. <i>NeuroQuantology</i> June 2022 Volume 20 Issue 6 Page 4718-4724 doi: 10.14704/nq.2022.20.6. NQ22473	SCOPUS

Scientific Presentations by Faculty

This is the era of research, critical analysis and evidence based clinical decisions however merely performing research is not enough, we must be able to disseminate the results our research to the wider range of professionals. This way our research findings can actually make a difference in actual patient care. Presenting a paper at a conference is one of the ways in which we can put light on the findings and conclusion of our research and also learn some new concepts from the other researchers or presenters. Following is the list of papers that have been presented by our faculty members at various reputed national and international conferences many of them have secured the prizes.

Sr No	Name of Faculty	Title of Paper	Conference
1	Dr Pallavi Palaskar	Protocol for Development and validation of “Scale for prediction of ambulation in Indian children with cerebral palsy”.	Scientifica-Conducted By Sancheti in collaboration with MUHS, Pune
2	Dr Pallavi Palaskar	Reliability and validity of Scarf ratio used in muscle tone evaluation of preterm neonates (Second prize in senior category)	International multidisciplinary rehab-e con, Virtual Conference
3	Dr Pallavi Palaskar	Development alpha version of “Scale for prediction of ambulation in Indian children with cerebral palsy”.	NIMS Physiocon Jaipur
4	Dr Pallavi Palaskar	Art based play therapy in paediatricrehabilitation:A case report	Convergence 2022 Chennai
5.	Dr. Pooja Motar	The Validity and Reliability Of Swaymeter in Neurologic Patient Population – A Preliminary Study	International Multidisciplinary Rehab-E- Con 2022, Virtual Conference
6.	Dr. Pooja Motar	Interlinking Between Awareness Of Menstrual Hygiene Practice, Quality Of Life And Its Associated Factors Amongst Physically Disabled Females In Aurangabad District, India- A Cross Sectional Study.	Convergence 2022 Chennai
7	Dr. Sherin Paulose	Effect of School based Yoga program on nocturnal enuresis in 6-10 year old children: A Randomized Control trial	International Continence Society 2021, Melbourne (Online)
8	Dr. Sherin Paulose	Impact of Brain Gym exercise on attention span in Physiotherapy students with smartphone addiction: A quasi experimental study	IAPWC, MUMBAI, 2022

MGMIHS ANNUAL REPORT 2021-22

9	Dr Namrata Sant	The Influence Of Age-related Changes In Sensory Threshold & Grip Strength On Manual Dexterity In Older Adult Males	International Multidisciplinary Rehab E-Con 2022, 26 th & 27 th February 2022, by Association for Clinical Neurology and Mental Health (ACNM) and MGM School of Physiotherapy
10	Dr Namrata Sant	Early Physiotherapy Rehabilitation Of Palatal Palsy In Juvenile Dermatomyositis – A Rare Case Report	CONVERGENCE 2022- Internation conference on Allied Health Sciences organized by Vijaya Educational Academy and Society for Nursing Practices (SFNP) on 14 TH and 15 TH may, 2022, Chennai, India
11	Dr. Pooja Kumari Mahaseth	“Ergonomics Modifications And Improving Well-being As An Early Disease Prevention In School Going Children”	International Multidisciplinary Rehab E-Con 2022, 26 th & 27 th February 2022, by Association for Clinical Neurology and Mental Health (ACNM) and MGM School of Physiotherapy
12	Dr. Pooja Kumari Mahaseth	“Effect Of Exercise In Resting Tremor Using sensor Analysis”	SHODH SHIKHAR- 2022 Inter-university National Research And Innovation FESTIVAL, on 25 th and 26 th March, 2022 at Rabindranath Tagore University Campus, Bhopal.
13	Dr. Pooja Kumari Mahaseth	“A survey and awareness study of imposter syndrome among physiotherapists and other health care professionals: a cross-sectional analysis”	CONVERGENCE 2022- Internation conference on Allied Health Sciences organized by Vijaya Educational Academy and Society for Nursing Practices (SFNP) on 14 TH and 15 TH may, 2022, Chennai, India

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	INVENTION TITLE	NAME OF INVENTOR	DIARY NO.	REGISTRATION DATE
1	Brace Strap Theraband Technique	Shruti Ramekar, Dr Nidhi Suresh Sharma	L-116555/2022	30/06/2022
2	Unique Protocol on Breast Cancer Patients With Pain And Lymphedema	Dr. Pooja Motar Kankshi Vetkar	L-116553/2022	30/06/2022
3	Evidence Based Physiotherapy Rehabilitation For Peripheral Vascular Disease	Dr Triveni Ashok Gosavi Dr Nawaj Pathan, Dr Snehal Thakur, Dr Gauravi Sanjay Desale	L-116464/2022	29/06/2022
4	Gravilance Exercise Protocol For Children With Downs Syndrome	Dr Gauravi Desale Dr Rekha Marbate Dr Ankita Deshmukh	L-116462/2022	29/06/2022
5	Rota Veb Exercise Protocol For Children With Downs Syndrome	Dr Ketaki Ravindra Naik Dr Gauravi Sanjay Desale Dr Dipti Mahadev Shinde Dr Pallavi Palaskar	L-116461/2022	29/06/2022
6	Upper Limb And Hand Rehabilitation Protocol For Hemiplegia Seconday To Malignant Mca Infarction	Dr Ketaki Ravindra Naik Dr Gauravi Sanjay Desale Dr Dipti Mahadev Shinde Dr Pallavi Palaskar	L-116459/2022	29/06/2022
7	Rehabilitation Protocol To Improve Pulmonary Function In Post Stroke Patients	Sakshi Shah, Dr Nawaj Pathan	L-116437/2022	29/06/2022
8	Unique Protocol On Breast Cancer Patients With Pain And Lymphedema	Sakshi Shah, Dr Nawaj Pathan	L-116436/2022	29/06/2022

MGMIHS ANNUAL REPORT 2021-22

9	Lengthening Exercises for Tendoachilies in Cerebral Palsy	Dr Pallavi Palaskar Mansi Subhedar, Dr Namrata Sant Sneha Chhajed	L-115636/2022	20/05/2022
10	Guidelines For Advanced Rehabilitation After Z Plasty In Hemiplegic Cerebral Palsy	Dr Pallavi Palaskar Mansi Subhedar, Sneha Chhajed Dr Rinkle Malani	L-115635/2022	20/05/2022
11	Advanced Physiotherapeutic Guidelines for Conservative Management of Erbs Palsy in Pediatric Population	Dr Namrata Sant, Dr Pallavi Palaskar, Dr Rinkle Malani	L-107088/2021	01/09/2021
12	Model for Early Intervention in Infants at High Risk of Developmental Delay	Dr Namrata Sant Dr Pallavi Palaskar Dr Rinkle Malani	L-107233/2021	03/09/2021

Patents

Shruti Ramekar, our final year BPTH. student of MGM School of Physiotherapy, has received an international patent from Germany on "**A wearable device for predicting and controlling upcoming seizures**" along with the team consisting Dr. Raju Ramekar, Mr. Himanshu Ramekar and Mr. Ajinkya Kottawar.

Utility model no. 20 2022 101 032

IPC: A61B 5/11

Book Publication

Our faculty Dr Ashwin Kshirsagar published a chapter named '**Fluid and Electrolyte Balance**' in the edited book '**Current Trends in Physical Education & Sports**'. (ISBN-978-93-91331-33-7)

Dr Satyam Bhodaji was a co-author along with Dr Ketan Bhatikar in the book titled '**Clinical Physiotherapy Case Studies and Research**'

ACADEMIC EVENTS

In the last academic year we have focused on multidimensional development of our students and faculty. Each of our academic activity was thoughtful and proved to be a step towards better clinical decision making and ultimately best patient care. We organized an International Conference successfully and hosted many hands on workshops and faculty development programs and CMEs. Amidst all these we are on our toes to fulfill our social commitment and that reflects through our outreach activities. Here we showcase all of our fruitful workshops, FDPs, CMEs and Outreach activities.

ACADEMIC ACTIVITY					
WORKSHOP					
Sr. no	Topic	Resource Person	Duration	No. of Participants	Significance
1	Integrated Spine Manual therapy	Dr. Subhash Khatri	3 Days	55	The students were enlightened with the core knowledge of different forms of manual therapy applied to the spine in different conditions.
2	Integrated peripheral joint manipulations	Dr. Subhash Khatri	3 Days	55	In the second module, various kinds of manual therapy techniques along with major recent techniques used in modern physiotherapy were made familiarized to the students by our eminent resource person.

INTEGRATED APPROACH MODULE 1



INTEGRATED APPROACH MODULE 2



CONFERENCE

Sr. No.	Name	Date	Participants	Significance
1.	International Multidisciplinary Rehab-E-Con-2022	26 th -27 th Feb 2022	280	This international conference was a grand success for MGM SOP, Aurangabad. In total 189 papers were registered for presentation.





MGM School of Physiotherapy

International Multidisciplinary Rehab-E-Con-2022

26th & 27th February 2022
MGM School of Physiotherapy, Aurangabad, Maharashtra, India

Organized by
 Association for Clinical Neurology and Mental Health
 MGM School of Physiotherapy, Aurangabad, Maharashtra, India

Theme : A Journey Towards Inclusive Society.

Scientific Partner



BioLEAGUES Worldwide

Research Partner



United Innovators

Academic Partner



SPB Physiotherapy College

Call For Papers Topics

- ▶ Cerebrospinal Disorder
- ▶ Musculoskeletal And Sports Condition
- ▶ Cardiopulmonary Disease
- ▶ Community Wellness (Geriatric, Women Health and Onco-Rehabilitation)

Important Dates

<p>REGISTRATION DEADLINE 20TH DECEMBER 2021</p>	<p>ABSTRACT SUBMISSION DEADLINE 15TH DECEMBER 2021</p>
---	--

Registration Fee

REGISTRATION CATEGORIES	NATIONAL (INR)	INTERNATIONAL (USD)
Students	INR 1200	USD 60
Professionals/Academicians	INR 1450	USD 80



For More details call us
+91 8925457124



Email Address
rehabconf@bioleagues.com



www.laneuro.com/MGM-physiotherapy-conference
VISIT OUR WEBSITE



BioLEAGUES
Integrating Medicine...Incubating Research 2017



MGM School of Physiotherapy



ACNM
ASSOCIATION FOR CLINICAL NEUROLOGY AND MENTAL HEALTH

International Multidisciplinary Rehab-E-Con-2022

26th & 27th February 2022
MGM School of Physiotherapy, Aurangabad, Maharashtra, India

Organized by
Association for Clinical Neurology and Mental Health
MGM School of Physiotherapy, Aurangabad, Maharashtra, India
Theme : A Journey Towards Inclusive Society.

Scientific Partner
 **BioLEAGUES**
Integrating Medicine...Incubating Research 2017
BIOLEAGUES Worldwide

Research Partner
 **UNITED innovators**
United Innovators

Academic Partner
 **SPB Physiotherapy College**
SPB Physiotherapy College

Important Dates

Earlybird Registration
20th December 2021

Abstract Submission
15th December 2021

Call For Papers Topics

- ▶ Cerebrospinal Disorder
- ▶ Musculoskeletal And Sports Condition
- ▶ Cardiopulmonary Disease
- ▶ Community Wellness (Geriatric, Women Health and Onco-Rehabilitation)

Registration Fee		
REGISTRATION CATEGORIES	NATIONAL (INR)	INTERNATIONAL (USD)
Students	INR 1200	USD 60
Professionals/Academicians	INR 1450	USD 80

MGM School of Physiotherapy Fee Structure

Registration Fee	
REGISTRATION CATEGORIES	NATIONAL (INR)
Students	INR 1000
Professionals/Academicians	INR 1200

 For More details call us
+91 8925457124

 Email Address
rehabconf@bioleagues.com

 www.janeuro.com/MGM-physiotherapy-conference
VISIT OUR WEBSITE

International Multidisciplinary Rehab-E-Con-2022

26th & 27th February 2022
Theme : A Journey Towards Inclusive Society.

That which enhances performance, prevents injury.
In the next 50 years, Physiotherapy will unveil mind-blowing advancements.




Scientific Partner
 **BioLEAGUES**
BioLEAGUES Worldwide

Research Partner
 **UNITED innovators**
United Innovators

Academic Partner
 **SPB Physiotherapy College**
SPB Physiotherapy College

Venue 

Organized by
Association for Clinical Neurology and Mental Health
MGM School of Physiotherapy, Aurangabad, Maharashtra, India

Chief Patron



Shri. Kamal Kishor Kadam
Hon. Chancellor
MGM Trust, India.

Patron



Shri. Anukshrao Kadam
Hon. Secretary
MGM Trust
India.

Dr. Shashank Dalvi



Dr. Shashank Dalvi
Hon. Vice-Chancellor
MGMS, Near-Mumbai
India.

Dr. Pravin Sunjayrao Patil



Dr. Pravin Sunjayrao Patil
Deputy Dean
MGM Medical College
& Hospital,
Aurangabad,
India.

Dr. P. M. Jadhav



Dr. P. M. Jadhav
Hon. Vice-Chairman
MGM Trust
India.

Dr. R. B. Bohra



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

Conveners



Dr. Binika Malani
Principal
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Pojja Motor



Dr. Pojja Motor
Assistant Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Binika Malani



Dr. Binika Malani
Principal
MGM School of Physiotherapy,
Aurangabad,
India.

Mrs. Priyanka Dalvi



Mrs. Priyanka Dalvi
Senior Lecturer, Deputy Registrar,
MGM University
India.

Dr. Navej Pathan



Dr. Navej Pathan
Associate Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Pallavi Pataskar



Dr. Pallavi Pataskar
Assistant Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Steering Committee



Dr. Pojja Motor
Assistant Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Pojja Kurnal Mahapatra



Dr. Pojja Kurnal Mahapatra
Assistant Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Shashi Palushe



Dr. Shashi Palushe
Assistant Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Namrata Sant



Dr. Namrata Sant
Assistant Professor
MGM School of Physiotherapy,
Aurangabad,
India.

Dr. Kingal Vipul shah(MPT)



Dr. Kingal Vipul shah(MPT)
Physiotherapist
MGM Medical College (Mumbai), MGM
MGM Medical College
Department of
Physiotherapy, King
MGM University, India.

Dr. Parth Desai(MPT)



Dr. Parth Desai(MPT)
Physiotherapist
Department of
Physiotherapy,
MGM Medical College &
Hospital, MGM University,
India.

Keynote Speakers



Ken Ware
Head of Research And Development
Merrill Lynch International Therapeutic Institute
Australia.

Dr. Geeta Seth



Dr. Geeta Seth
Founder
Dr. Geeta Seth National Academy
India.

Dr. Deeksha Singh



Dr. Deeksha Singh
Assistant Health Physiotherapist and MPT Specialist
Senior Lecturer, Department of Physiotherapy,
Rajiv Gaikwad Physiotherapy Clinic,
India.

Shubhoji Bhattacharya



Shubhoji Bhattacharya
BSc Medical, Multidisciplinary Specialist
Certified Coordinator
India's First Two Wheeler Rider Without Both Hands
India.

Dr. Suresh T



Dr. Suresh T
Mentor Health Professional
Psychiatric Social Worker
India.

Dr. N.S. Senthil Kumar, PH.D (Rehab)



Dr. N.S. Senthil Kumar, PH.D (Rehab)
Chief Scientific Officer & Executive Director
The Association of People with Disability
India.

Dr. Snehal Dharmayat



Dr. Snehal Dharmayat
Associate Professor and Head,
Dept. of Community Physiotherapy,
KJ Somaiya Institute of Physiotherapy
India.

Dr. Nishiketha Chance Christian



Dr. Nishiketha Chance Christian
General Secretary (Co-Founder) KJSPS-103
National League, Department of Physiotherapy,
University of Florida Health Alliance

Dr. Todd Roberts



Dr. Todd Roberts
CEO MPT-ADVANCE
Healthcare Technology Development, LLC,
United States.

K.Vadivelan, MPT, (PhD)



K.Vadivelan, MPT, (PhD)
Associate Professor of Physiotherapy
MGM College of Physiotherapy, MGM University,
India.

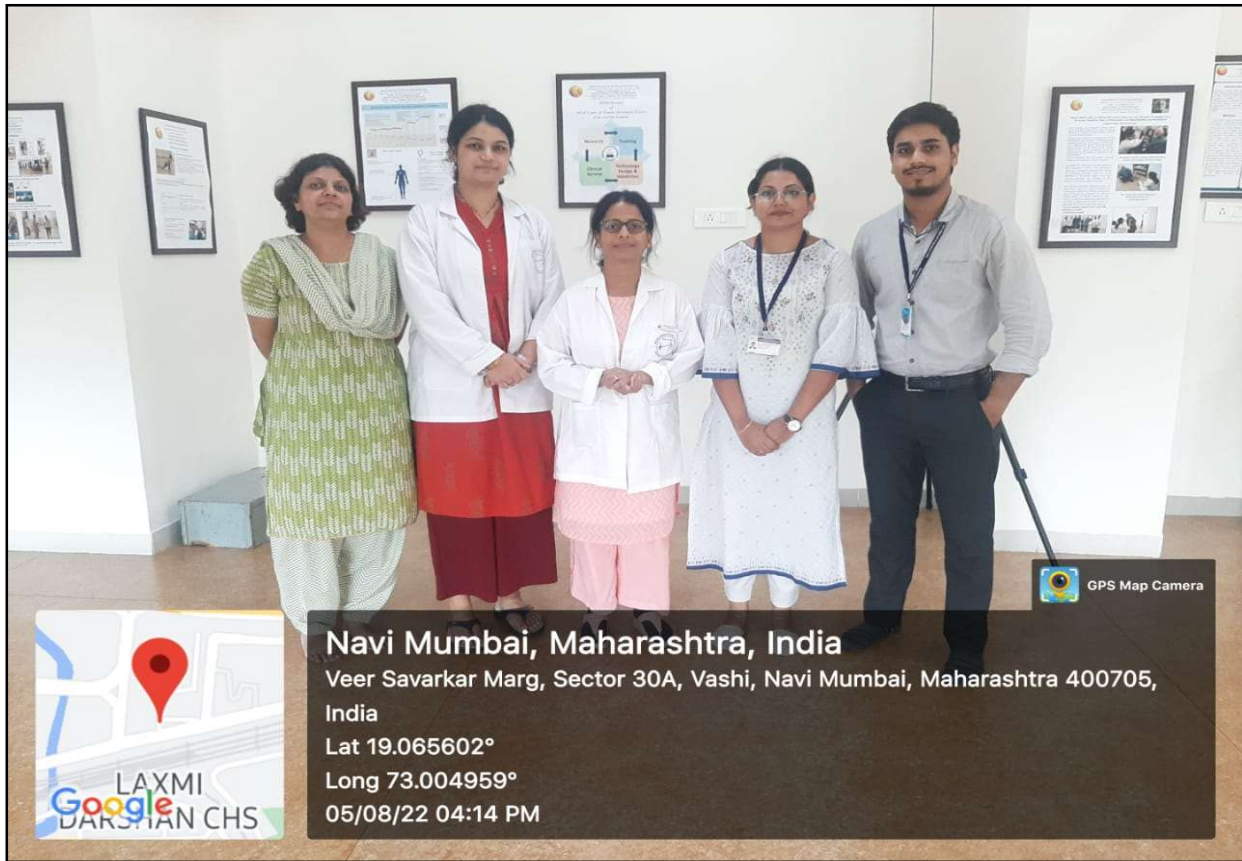
 For More details call us
+91 8925457124

 Email Address
rehabconf@bioleagues.com

 www.janeuro.com/MGM-physiotherapy-conference
VISIT OUR WEBSITE

FACULTY DEVELOPMENT PROGRAM

Sr. No.	Activity	Date	Venue	Participants	Significance
1	2D Motion Analysis	5 th August 2022	Human Movement Science Lab, MGM Hospital, Navi Mumbai	2 Dr. Pooja Mahaseth Dr. Manibhadra Panda	Faculties were trained about 2D Motion Analysis of human movements and locomotion



CMEs

Sr.no	Topic	Resource Person	Duration	No. of Participants	Significance
1	Recent trends in Cancer Rehabilitation	Dr. Gayatri Karnik Dr.Prafuljathale Dr.SupriyaNakhate Dr.Prakash Shroff	9 th Feb 2022	200	Students and staffs were presented with deep knowledge on various recent advances in the field of cancer rehabilitation by our eminent speakers.
2	Re-think Pain	Dr. Parvesh Kumar (Australia)	15 th June 2022	200	Our internationally renowned speaker enlightened all the participants with various advanced knowledge on pain, Nociception, Pain theories and pain science education.



MAHATMA GANDHI MISSION
MGM School of Physiotherapy, Aurangabad
Organising
**CME ON RECENT TRENDS IN
CANCER REHABILITATION**
📅 9TH FEB, 2022

THEME: CLOSE THE CARE GAP/REALISING THE PROBLEM

CME SESSION



DR. GAYATRI KARNIK
Scientific Assistant B-Physiotherapist,
Homi Bhabha Cancer Hospital and Research Centre, Vishakapatnam.
ROLE OF PHYSIOTHERAPY IN PREVENTION OF CANCER
🕒 10:00 AM - 10:50 AM



DR. PRAFFUL JATALE
MBBS DRM (BARC) DNB (Tata Memorial Hospital)
Fellow European Board of Nuclear Medicine, MICNM, Dip.CBNC(USA)
Consultant Incharge Nuclear Medicine and PETCT, United CIIGMA Hospital
ROLE OF NUCLEAR MEDICINE AND PET CT IN ONCOLOGY
🕒 10:55 AM - 11:50 AM



DR. SUPRIYA NAKHATE
Physiotherapist from Tata Memorial Hospital, Navi Mumbai
HEAD AND NECK CANCER REHABILITATION
🕒 11:55 AM - 12:40 PM



DR. PRAKASH R. SHAROFF
Director PHYSIOHEALTH Pain Management &
Performance Enhancement
NEURO IMMUNE ASPECT OF PAIN CANCER
🕒 12:45 PM - 1:45 PM

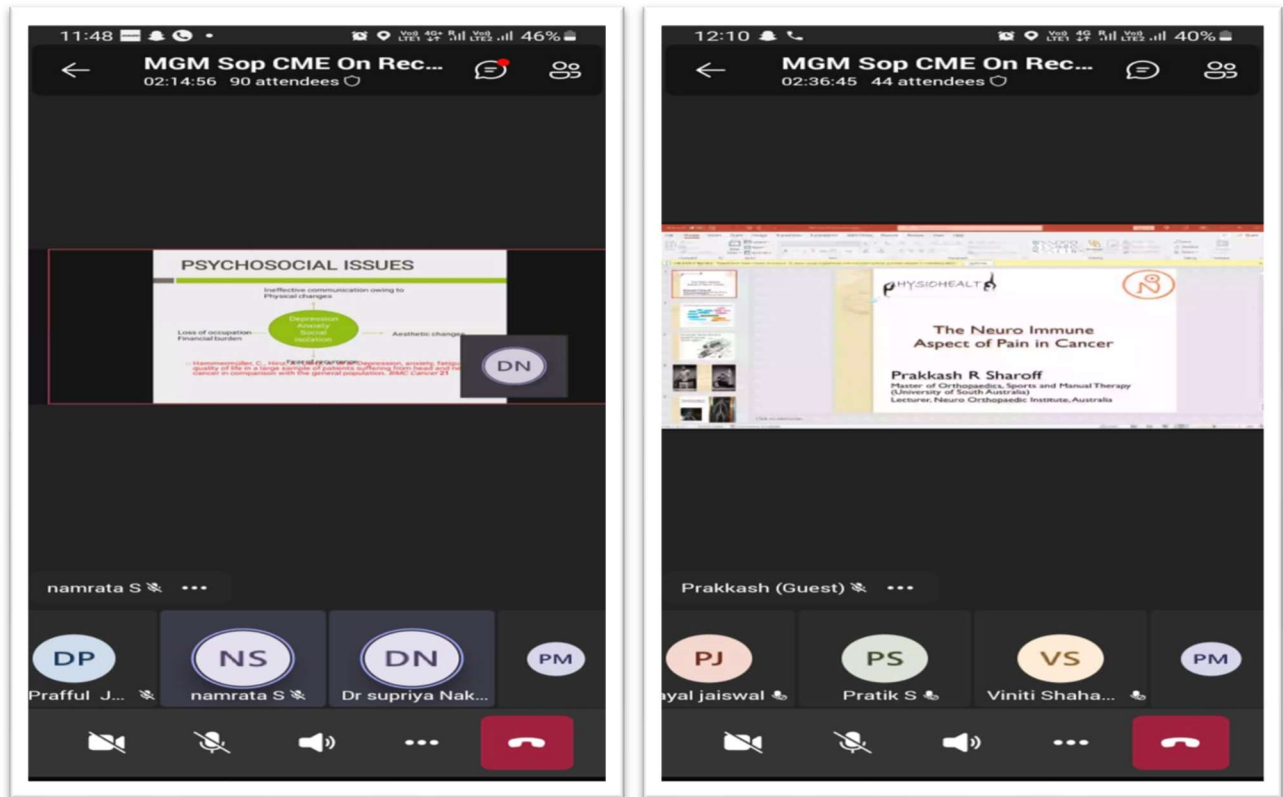
Registration Fees: ₹. 200
Registration Link: www.bit.ly/mgmiop09022022

**PLATFORM:
ONLINE**

ACCOUNT DETAILS:
Account Holder's Name: MGM School of Physiotherapy,
BANK NAME: IDBI BANK
Account No. - 0076104000791526
IFSC Code: - IBKL0000076

Event Coordinator: Dr. Satyam Bhodaji (9146180090)

MGMIHS ANNUAL REPORT 2021-22



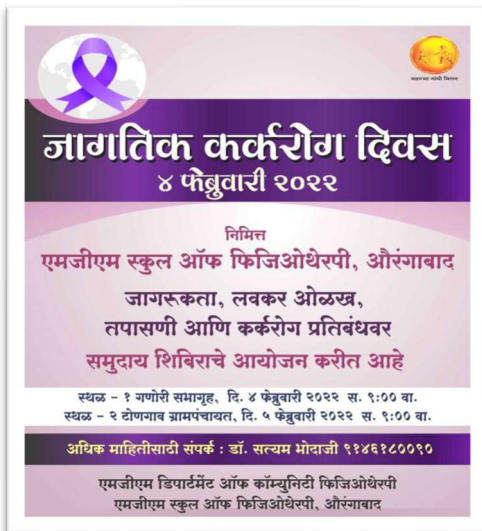
CME on Recent trends in Cancer Rehabilitation



CME ON **RETHINK PAIN** by International Speaker Dr. Parvesh Kumar (Australia)

OUTREACH ACTIVITIES

Year	Name of the activity	Organising unit/ agency/ collaborating agency	Number of students participated	Number of teachers participated
2021	Free Cancer Physiotherapy Camp	MGM School of physiotherapy, Aurangabad	6	1
2022	Cancer awareness and screening camp	MGM School of physiotherapy, Aurangabad	42	3
2022	Physical assessment camp	MGM School of physiotherapy, Aurangabad	40	1
2022	CPR Awareness week	MGM School of physiotherapy, Aurangabad	21	4
2022	NSS activity on the occasion of international yoga day	MGM School of physiotherapy, Aurangabad	84	2
2022	Awareness and Beat plastic pollution Program	MGM School of physiotherapy, Aurangabad	65	1



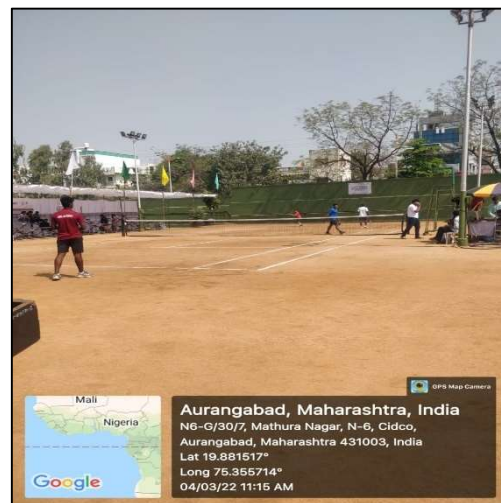
Cancer awareness camp at Tongaon on on 4-5/2022



CPR AWARENESS CAMP AT MAHAL PIMPR

SPORTS TOURNAMENTS

Sr.No	Activity	Date	Month	No of Participant
1	All India Open Taekwondo Selection Trials	26 th Feb 2022	July	400
2	All India Inter-University Soft Tennis Tournament In MGM sports club Aurangabad	1 st march – 5 th march 2022	March	30
3	Aurangabad's Fastest Women Competition (under the aegis of Aurangabad athletics association)	6 th march 2022	March	50



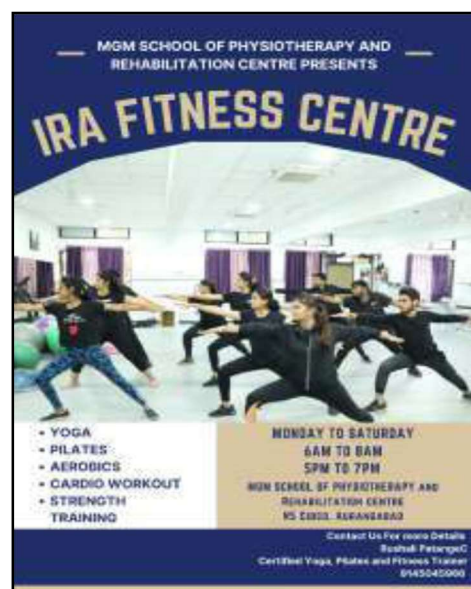
SOFT TENNIS TOURNAMENT



ALL INDIA OPEN TAEKWONDO SELECTION TRIALS

Consultancy

IRA Fitness centre:- Inauguration of the IRA Fitness Centre was done on 16th October 2020. This Centre consists of various fitness domains such as power yog, pilates, Aerobics and strength training. The attendees will also be guided about the nutrition and lifestyle modification. A personalized fitness plan will be prescribed after a thorough assessment. A huge response has been recorded from the participants.



Collaborations/ MOUS/ Partnerships

MOUS and collaboration are the highlighted strengthening point of MGM School of Physiotherapy. The collaborations of the college with various organizations provides more area for outreach activities, experience and exposure. The MOU with various sports complexes provides great clinical exposure to sports physiotherapy masters students.

Details of Collaboration (Academic/ Industry/ Research/ Any Other)	Name Of The Organization Involved In Collaboration	Purpose of Collaboration
Academic and Sports Outposting.	Sports Authority of India	Clinical exposure and PG posting
Sports Outposting	Dr.Babasaheb Ambedkar Marathawada University	Clinical posting
Research and pediatric outposting	Swayam Siddha (Special Children School)	Interns posting
Research and pediatric outposting	AARAMBH (Special Children School)	Interns posting
Academic and research	Primary Health Care (PHC- Warudkazi)	Clinical exposure, awareness program Research, Academic
Academic and research	Rukmini Autism Center	Clinical exposure, awareness program Research, Academic
Academic and research	Primary Health Care Centre, Adul. (2021)	Clinical exposure, awareness program Research, Academic

DOING OUR BIT!!

MGM School of Physiotherapy was awarded for its excellent contribution in the social and academic field; this effort was appreciated by Bahuddeshiya Sevabhavi Sanstha.



MGM School of Physiotherapy was awarded for its excellent contribution in the social and academic field; this effort was appreciated by Bahuddeshiya Sevabhavi Sanstha.

- 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, the stones 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 Serve at Wari and set an remarkable example of how the health care professionals can do their bit!



Dr. Junneshwar Bidve providing service at the Wari

Health Days Awareness Activities

1. CPR Awareness week (22th July – 27th July 2022) was organized by the Cardio



Respiratory and CBR Department to create awareness and encourage students to get trained in CPR as “When someone goes into sudden cardiac arrest, every second counts”.

2. National cancer survivors month(30th June 2022)



have boldly fought cancer. An aerobic session, one-minute games and meditation at MGM Arogyam were organised for cancer survivor patients.

National Cancer Survivor’s Month is recognized as a "celebration of life" in June 2022 to honour the incredible journey of cancer survivors, those people who

3. World health day (7th April 2022)



the planet healthy. MGM School of Physiotherapy in association with the community medicine department, we organised a rangoli, poster, essay, and elocution competition for BPT and MPT students to create awareness.

World Health Day 2022 is observed on April 7, across the world. Our Planet, Our Health was the theme that focused global attention on the urgent actions needed to keep humans and

4. World cancer day (4th Feb, 2022)

Close the Care Gap on February 4, 2022, in observance of World Cancer Day. MGM SOP understands the importance of education. We are aware that each and every one of us has the power to influence the world in some way, no matter how tiny, and that by working together; we can significantly lessen the impact of cancer on the world. An awareness camp, a quiz contest for undergraduates, a panel discussion for postgraduates, an online CME, and prize distribution were all part of a week-long campaign to raise awareness of cancer.



5. World disability day (3rd December 2021)

On World Disability Day in 2021, the first-ever mini MGM SOP Paralympics was held in the MGM Cloverdale grounds under the slogan "open for change, keep moving ahead." R.R. Patil (head of Aurangabad disability association) And Mrs. Purna Dalvi, the administrative head of MGM, inaugurated the event for patients with specific impairments; the event featured a red carpet walk and activities including carom, weight lifting, cricket, and chess. The competitors received gold medals, and the media was there to cover the paralympic



6. World Stroke Day (29th October 2021)



MGM SOP has come together to spread knowledge about World Stroke Day, which was recognized on October 29th, among students and Marathwada

residents. For undergraduate and postgraduate student's webinars on the impacts of early mobilisation and goal-oriented therapy, a stroke support group programme, and a brainstorming competition were organised. Also, the neurophysiotherapy department conducted free screening of stroke, treatments, skits and flash mob at Tongao on October 30, 2021.

7. World arthritis day (12th October 2021)

Every year on October 12th, we observe World Arthritis Day to raise awareness of the need of prompt diagnosis and treatment of arthritis. World Arthritis Day's theme for 2021 was "Don't Delay, Connect Today: Time2Work." The free



camp for those with joint and spine pain was organised by the musculoskeletal physiotherapy department to help people and to raise awareness of their predicament.

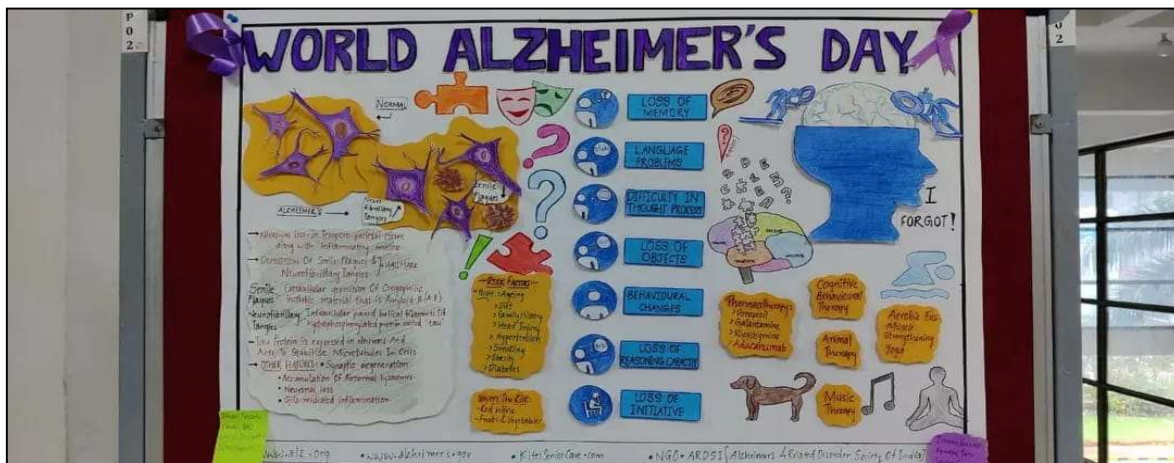
8. World cerebral palsy day (6th October 2021)

October 6 acknowledged with cerebral palsy. The MGM SOP gives persons with cerebral palsy (CP) the chance to: show pride in the lives and accomplishments of those with CP, and the people and the organisations that assist them; and develop a strong voice for people with CP to improve their environment. In order to foster social change and education campaigns, increase awareness on a local and national level, and produce concrete actions and outcomes to enhance the lives of persons with CP. A talent hunt competition for children with special needs was conducted at Vihang Special School and gifts were distributed to the Bagwan Baba orphanage in Aurangabad by these young people. An online webinar by Dr. Asha Chitins was conducted.



9. World Alzheimer’s day (21st September 2021)

MGM SOP recognizes Alzheimer's Day as an effort to increase public understanding of the illness, its symptoms, and risk factors. The postgraduates of the Neurophysiotherapy Department held a poster competition and gave a seminar presentation to inform the students about Alzheimer's disease



10. World Physiotherapy Day (8th September 2022)

This year's World PT Day is centred on long COVID rehabilitation, and the role of physiotherapists in the care of those who have long COVID. On this day, every faculty member and student participated in the Fit India programme organised by the Indian government. Additionally, a flash mob at Prozone Mall, games, a immunity booster master chef competition, a rangoli competition and a poster competition.



11. World Heart Day (29 September 2021)

World Heart Day 2021 motive was to promote worldwide CVD awareness, prevention, and management by using the potential of digital health. The Cardio-Respiratory and Community-Based Rehabilitation Departments have held an awareness camp in Gangapur Village, an intercollegiate short film competition, a digital health campaign, and a fitness session at the nursing college.



12. World autism day (2nd April 2022)

Every year on 2nd April, MGMSOP commemorate World Autism Awareness Day in an effort to inspire others, promote understanding of and acceptance of persons with autism, and develop global support. It is a day to promote compassion and raise awareness of autism. The paediatric physiotherapy department hosted a guest lecture by neurologist Dr. Anjali Banglore on the topic "Autism: A Physiotherapy Perspective."



Provide Any Other Highlight

MGM School of Physiotherapy underwent Maharashtra State OTPT Council inspection on 23/02/2022 for staff approval.



OTPT INSPECTION 23/02/2022

IQAC AUDIT

Internal audit-1	Criteria 1,2,7-11/9/2021 Criteria 3,4,5,6-13/9/2021	Internal Audit Was Conducted with The Agenda Of preparation for peer team visit. All the lacking information and documentation was addressed and preparations were done accordingly. The vice chancellor and registrar of the institute visited the college for same.
Internal audit-2	24/9/21	Internal audit-2 was conducted for the final approval of the check list prepared for NAAC visit. All criteria's were keenly observed by the expert and final changes were done accordingly.
External audit	9 /10/2021	The external audit team visit was scheduled on 9 th October at 5pm all the documents were scrutinized for the final time
NAAC First Visit	20/10/2021	Expert peer team visited college on 20 October 2021. Firstly, the team visited all the OPDS, laboratory, yoga room and class rooms. The team actively performs the chair aerobic session which was conducted at sports OPD by the IRA fitness centre instructor and students. The team member had interactive question answer session with all the post graduate's student in the OPD. Than team examined all the infrastructure and facilities available in the college. At last the team went through all the files of documentation and cross verified each information. The session was completed with word of appreciation by the NAAC visit team.
AAA AUDIT	9 th October 2022	The external audit team visit was scheduled on 9 th October at 5pm all the documents were scrutinized for the final time
NAAC Re-Visit	5 th , 6 th and 7 th April 2022	The score of the Institute was 3.58 with grade 'A ++' by NAAC for the second cycle accreditation of MGMIHS



NAAC peer team visit on 24/09/2021



**MGM NEW BOMBAY COLLEGE OF
NURSING**

NAAC Accredited with Grade A++

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 top ranking 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. Dasila

Professor & Director

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



The current health care environment is greatly different from the past. It demands highly competent nurses who are authorized to function independently and collaboratively for an extended clinical role. 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

Currently the college is offering Post Graduate Nursing Programme with Medical Surgical Nursing speciality. The inspection by Directorate of Medical Education & Research (DMER) was conducted on 9/01/2020 for Enhancement of seats for B.Sc. Nursing from 50 to 100 seats on 16/01/2020.

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

Dr. Prabha K. Dasila
Professor & Director



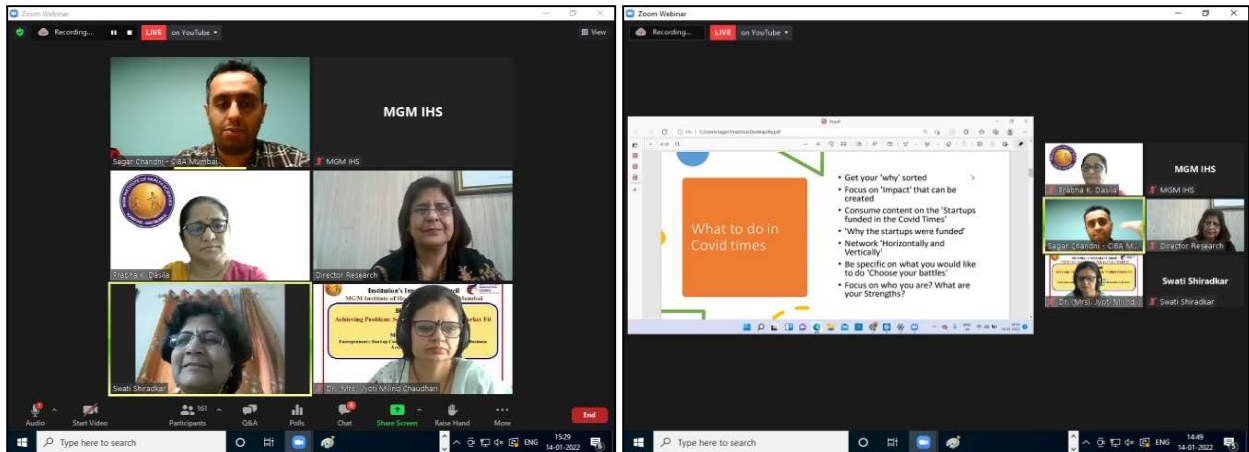
Programmes Offered

Programmes		Duration	Seats
Under Graduate	Basic B. Sc. Nursing	4 years	50
	Post Basic B.Sc. Nursing	2 years	30
Post Graduate	M.Sc. Nursing (Medical Surgical Nursing)	2 years	10
	Nurse Practitioner in Critical Care (NPCC)	2 years	20
PhD Nursing		3 - 5 years	1:6 Guide student ratio

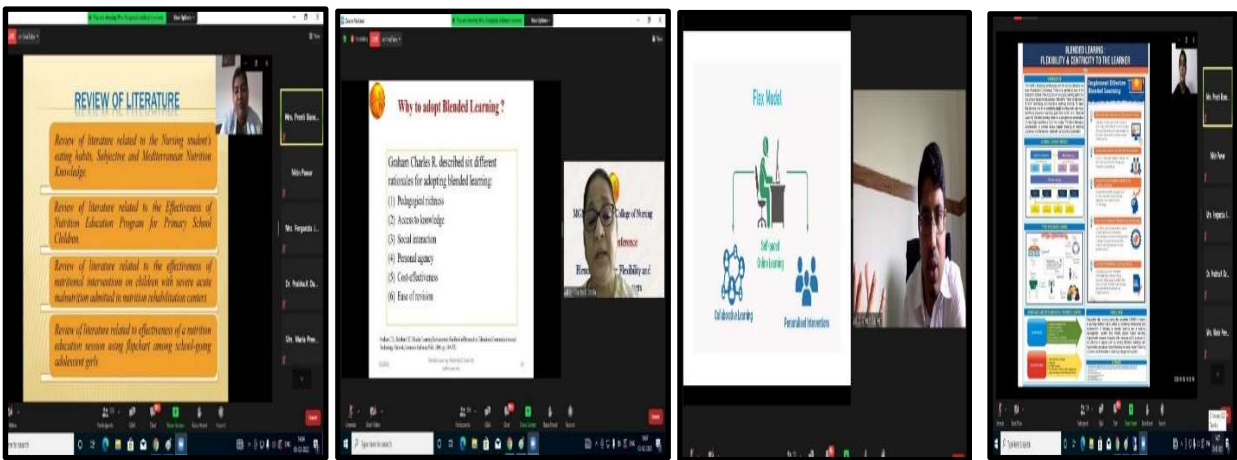
Workshop / Conferences / Seminar Organized:

1. **“My Story: Motivational Session by Successful Innovator”** organized by MGM New Bombay College of Nursing & MGMIHS Incubation and Innovation Centre, Navi Mumbai on 07/01/2022. **Participants -226**
2. **“Session on Achieving Problem: Solution Fit & Product-Market Fit”** organized by MGM New Bombay College of Nursing & MGMIHS Incubation and Innovation Centre, Navi Mumbai on **14th January 2022.**
3. National e – Conference on **“Blended Learning: Flexibility and Centricity to the learners”** on **3rd and 4th February 2022.**
4. International E-Workshop on **“Basics of Anesthesia for Nurse Practitioners”** organized by MGM New Bombay College of Nursing, Kamothe, Navi Mumbai on **21st & 22nd April 2022.**
5. National Webinar on **“Rhythm Recognition: Save a Beat”** on **23-07-2022.** Resource Persons: - 3 Total Participants – 269
6. **“In-Service Education in Fall Risk Assessment and Prevention”** Organized by Second Year P.B.B.Sc. Students on 22-07-2022. Total Participants - 47

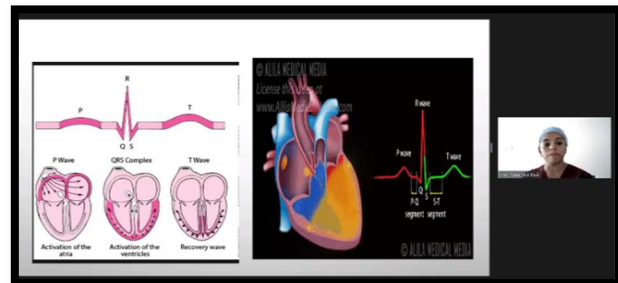
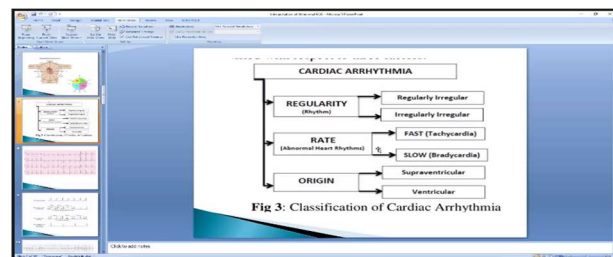
“Session on Achieving Problem: Solution Fit & Product-Market Fit” on 14th January 2022.



National e – Conference on Blended Learning: Flexibility & Centricity to the learners on 3rd & 4th February 2022



National Webinar on “Rhythm Recognition: Save a Beat” on 23-07-2022




In-Service Education In Fall Risk Assessment & Prevention on 22-07-2022



International E-Workshop on "Basics of Anesthesia for Nurse Practitioners" 21st & 22nd April 2022

International E-Workshop
On
Basics of Anaesthesia for Nurse Practitioners



Organized By
MGM New Bombay College of Nursing
MGM Institute of Health Sciences
On
21st & 22nd April 2022

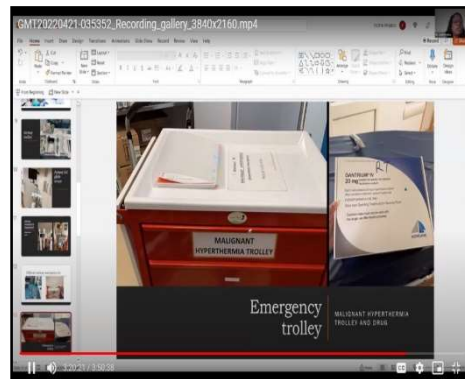
[Click here for registration](http://mshh.mgm.edu.in/webinar/register?W_ID=525087&AC=267&bc=9)

International E-Workshop
On
Basics of anaesthesia for Nurse Practitioners
PROGRAMME SCHEDULE
Day 01 (21.04.2022)

Time	Session	Resource Person
10:00 am to 10:30 am	Registration Session	
10:30 am to 11:00 am	Types and Modes of delivery of General anaesthesia Selection and administration	Dr. Praveen Jain Chair of Anaesthesia, MGM Medical College & Hospital, Kamothe
11:00 am to 11:30am	Regional analgesia	Dr. Nikita Ranjan Lecturer, Dept of Anaesthesia, MGM Medical College & Hospital, Kamothe
11:30 am to 12:00 pm	Pre anaesthesia assessment and Preparation	Ms. Sneha Chaudhary Senior Anaesthesia Nurse Chief & Pharmacist MGM Foundation Trust, CE
12:00 pm to 12:30 pm	Assessment: Assessment: Drug selection, Maintenance and Post Sedation protocol	Ms. Prachi Bhatia Assistant Nurse Royal Free Hospital & Regent London Hospital
12:00 pm to 12:30pm	Break	
12:30 to 1:00pm	Paper Presentation	

Day 02 (22.04.2022)

10:00 am to 10:30 am	Pre anaesthesia assessment	Dr. Aksh Kumar Singh Lecturer Dept of Anaesthesia, MGM Medical College & Hospital, Kamothe
10:30 am to 11:30 am	Airway Management	Dr. Geeta Jain Lecturer Dept of Anaesthesia, MGM Medical College & Hospital, Kamothe
		Ms. Sneha N Nurse Practitioner Emergency Medicine ICU MGM Medical College & Hospital, Kamothe
11:30 am to 12:00 pm	Role of Nurse Assessment Clinical Nurse specialist	Ms. Mohi Yashara Certified Registered Nurse Anaesthesia, Ohio State Hospital, Chicago, USA
12:00 pm to 01:00pm	Poster Presentation:	
01:00 pm to 01:30 pm	Videoconfer	



Workshop / Conferences / Seminar/Guest Lecture Participated

1. Dr. Prabha K. Dasila, Professor & Director, MGMNB CON invited as Chair person in “**NRSI Conference:- Strengthening Nursing Scholarship through Publications**” organized by Yenepoya Nursing College, Mangaluru, on 26th & 27th November 2021
2. **Mrs. Preethi Mathew**, Associate Professor, MGM New Bombay College of Nursing, Kamothe has successfully completed Online Faculty Development Programme on “**Soft Skills for Capacity Building**” organized u St. Joseph’s Academy of Soft skills, Tiruchirapalli, Tamil Nadu from 08.11.2021 to 12.11.2021
3. **Mrs. Ferganzia Jubilson, Assistant Professor**, MGM New Bombay College of Nursing, Kamothe successfully completed Online “**Academic Writing**” from 8.11.2021 to 12.11.2021
4. **Mrs. Preethi Mathew, Associate Professor**, MGM New Bombay College of Nursing, Kamothe has Participated in a Online Community Practice session on “**Transformation that will change your life forever**” organised by National Quality of Care Network (NQOCN) on 20th November 2021
5. **Mrs. Preethi Mathew**, Associate Professor, MGM New Bombay College of Nursing, Kamothe Participated & presented Poster in NRSI 24th National e-Conference organized by Yenepoya Nursing College, Mangalore on ‘**Strengthening Nursing Scholarship through Publications**’ from 26.11.2021 & 27.11.2021.
6. **Dr. Jyoti Chaudhari**, Associate Professor, MGM New Bombay College of Nursing, Kamothe Participated in NRSI 24th National e-Conference organized by Yenepoya Nursing College, Mangalore on ‘**Strengthening Nursing Scholarship through Publications**’ from 26.11.2021 & 27.11.2021
7. **Dr. R. Ponchitra** was invited as an External Practical Examiner for MSc NPCC- Krishna Institute of Medical sciences on 27.12.2022 and for M.Sc. Critical Care Nursing at Pravara Institute of Medical Sciences.
8. **Mrs. Preethi Mathew**, Associated Professor & Dr. Jyoti Chaudhari, Associate Professor, MGM New Bombay College of Nursing, Kamothe has Received Certificate of Recognition on “**Certified Microsoft Innovation Educator**” organised by Microsoft Educator Centre on 12th December 2021.
9. **Mrs. Preethi Mathew**, Associate Professor, participated in Caritas Quest Research Series organized by Caritas College of Nursing on “**Nursing Research Proposal Preparation – Focus and Grant proposal and Reliability testing of research tools conducted**” on 05.01.2022.

10. **Dr. R. Ponchitra** has participated as an expert Scientific committee member in International E-Conference on “Evidence Based Practice “Organised by Dr. Vithal Rao Vikhe Patil Foundation College of Nursing on 28.01.2022
11. **Dr. Prabha K. Dasila**, Professor & Director are invited for panel discussion on ‘**Assertiveness and leadership for nurse executives**’ and session on ‘**How assertive nurses are in their work place?**’ organized by **MIMS College of Nursing, Puthukode, Malappuram** on 2nd - 3rd February 2022.
12. **Mrs. Vandana Kumbhar**, Associate Professor / NSS Co-ordinator attended NSS Training Programme from 03.02.2022 to 09.02.2022 organized by NSS unit at MGM Medical College Ahemadnagar

Co-curricular & Extracurricular Activities

1. Educational Visit to Anganwadi to know infra structure, administration, functions and staffing pattern of anganwadi under ICDS by the Fourth Year B.Sc. N year (N) 25 students on 18/04/2022 & 19/04/2022 at Anganwadi-1 and Anganwadi-2 Dhodani.
2. Educational Visit to Grampanchyat to know infra structure, administration, functions and staffing pattern of Grampanchyat by the Fourth Year B.Sc. N year (N) 25 students on 18/04/2022 & 19/04/2022 at Grampanchyat, Maldunge.
3. School Health checkup and Health Awareness activities by Participants Fourth Year B.Sc year (N) on 20 /04/2022 and 25/04/2022 in MGM School, Nerul.
4. International Women's Day celebrated with Integrated Child Development Department, Panvel, Hindalco Industries Ltd for 350 Anganwadi workers and village women on 08/03/2022 at Samaj Mandir Wavanje, Panvel.
5. Educational Visit to **K J Somaiya College of Nursing**, Beneficiaries: 08 M.Sc. Nursing I Year.
6. Azadi ka Amrit Mohotsav, cultural events is organised by MGMIHS on 75th Independence Day, 15th August 2022.
7. Online session on Breast feeding week Awareness session conducted for ICDS Field Workers on the theme for World Breastfeeding Week 2022: “**Step Up for Breastfeeding: Educate and Support**” in collaboration with Integrated Child Development, Department Panvel Division (Ministry of Women and child Development, Maharashtra) on 4th August 2022.
8. Adolescent girls training Programme and Anganwadi visit for session on Good Touch and Bad Touch Protection for 100 ASHA workers On 29/03/2022 at Anganwadi, Kopra, Kharghar.

**Glimpses of Co-curricular & Extracurricular Activities
Cancer Screening Camp on 26/06/2022**



Educational Visit to Grampanchyat at Maldunge on 18/04/2022 and 19/04/2022



Educational Visit to Grampanchyat at Maldunge on 18/04/2022 and 19/04/2022



School Health Programme at MGM School, Nerul on 20/04/2022 and 25/04/2022

MGMIHS ANNUAL REPORT 2021-22

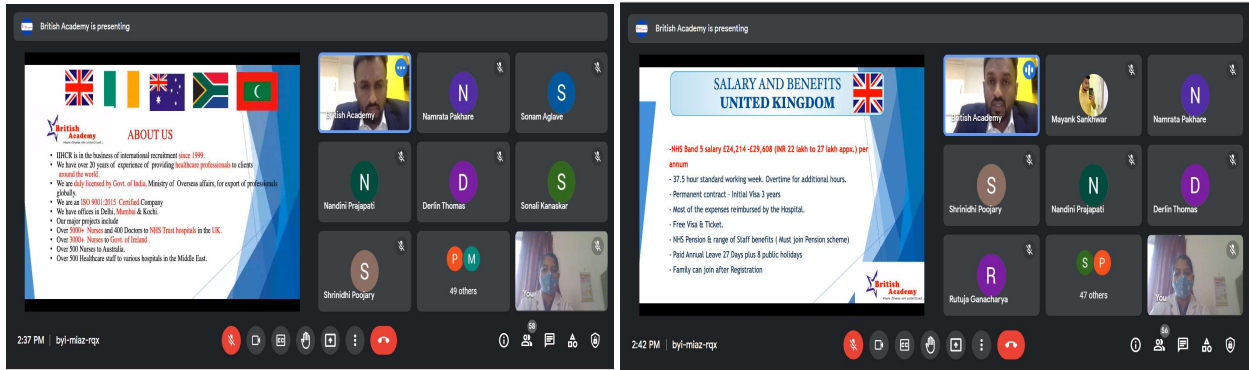


Samuh Rashtrageet Abhiyan on the occasion of Azadi ka amrit Mahotsav on 17.08.2022 at 11.00 am in the presence of all faculties and 250 students.



Nurses Career Development Online Seminar on 28-01-2022

MGMIHS ANNUAL REPORT 2021-22



Azadi ka Amrit Mohotsav, Cultural events, organised by MGMIHS on 75th Independence Day, 15.08.2022



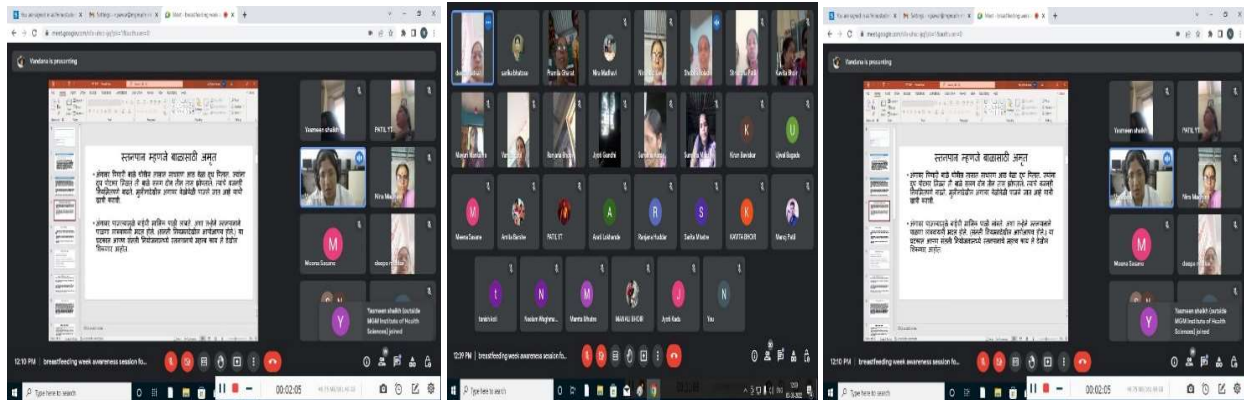
Health awareness by Nursing students for OPD patients



Adolescent girls training Programme and Anganwadi visit



Online session on Breast feeding week Awareness session conducted for ICDS Field Workers on the theme for World Breastfeeding Week 2022: “Step Up for Breastfeeding: Educate and Support”



Extension & Outreached Activities

1. Awareness campaign was organized on Healthy Food Habits on 03.01.2022 at Ramabai Nagar, Belapur. Beneficiaries 100
2. Pulse polio training with collaboration with Panvel Municipal Corporation on 25/02/2022. Participants:- 49 B.Sc. (N) students & PMC staff 2, beneficiaries:- 49
3. Marathi Rajbhasha din organized by NSS unit MGM Medical College, participated in Role Play Competition & Won 3rd Prize, on 28/02/2022 at MGM Medical College, Kamothe. Participants:- 15 first year B.Sc (N) students.
4. Marathi Rajbhasha din Marathibhasha Lipi ani Vyakran Spardha on 25/02/2022 at New Panvel.
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

Glimpses of Extension & Outreached Activities

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



MGMIHS ANNUAL REPORT 2021-22

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



Marathi Rajbhasha din **organized by** NSS unit MGM Medical College, participated in Role Play Competition and Won 3rd Prize, **Participants:-** 15 first year B.Sc (N) students on 28/02/20022 at MGM Medical College, Kamothe



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

Research Projects (UG Students)

Title of the Projects	Name of the students	Name of the guide
Knowledge and attitude regarding COVID-19 Vaccine among women	Ms. Aakanksha Rajendra Patil	Mrs. Preeti Banerjee
	Ms. Amitha Mathew	
	Ms. Apurva Ravindra Koli	
	Ms. Deepti Vijay Bharsat	
	Ms. Shamal Shashikant Mhatre	
	Ms. Shreya Padmakar Mokal	
	Ms. Abisha Ebenezer	
Assess the awareness regarding Polycystic Ovarian Syndrome among Women	Ms. Anaswara Raju	Mrs. Nisha Mane
	Ms. Merlin Mathew	
	Ms. Pallavi Satywan Yewale	
	Ms. Jasmine James	
	Ms. Bhagyalekshmi Ajit	
	Ms. Priti Padyal	
	Ms. Vaibhavi Uday Mhatre	
Knowledge and attitude regarding menstrual hygiene (Menstrual cup) among women	Mr. Rahul Shivaji Karkhele	Ms. Dipali Pingale
	Ms. Sakshi R Purarkar	
	Ms. Shital Dnyandeo Hirave	
	Ms. Sanskruti Rajkumar Gompatil	
	Ms. Harshitha V K Haridas	
	Ms. Vishnupriya Padmanabhan	
	Ms. Mohini Saail Gowari	
Assess modifiable behavioral risk factors of Non- Communicable Diseases among young adults	Ms. Jisha Mariyam Joseph	Mrs. Sanjukta Mohanty
	Ms. Jeeva S Varghese	
	Ms. Sneha Philip	
	Ms. Aishwarya Ajimon	
	Ms. Aneeta Mathew	
	Ms. Ashily Varghese	
	Ms. Albi Mathew	
Perception and Adherence to Psychotropic medications among patient attending OPD	Ms. Merlin B Thomas	Mrs. Karishma R Shibin
	Ms. Nileena Sabu	
	Ms. Jiya Samuel	
	Ms. Juby Anna James	
	Ms. Anet Mariam Mathew	
	Ms. Kesiya L Riji	
	Ms. Jerin Mariya Shaji	
Body Mass Index and Menstrual pattern among Adolescence girls: A correlation study	Ms. Mishal Pinheiro	Mrs. Punam Rane
	Ms. Simi Elza Varghese	
	Ms. Varsha Anna Cherian	
	Ms. Nutan Kumari	

MGMIHS ANNUAL REPORT 2021-22

	Ms. Anushka Santosh Koltharkar	
	Ms. Ankita Anant Bhatade	
	Ms. Priyanka santosh Patil	
Awareness regarding HPV Vaccination among women in selected areas of Navi Mumbai	Ms. Aditi Prakash Panigrahi	Mrs. Snehal Lakade
	Ms. Janvi Patel	
	Ms. Shruti Laxman Talekar	
	Ms. Patil Rupesha Gautam	
	Ms. Elsha Lalu	
	Ms. Merin Mary Sam	
	Ms. Alphy Joseph	
Stress level and coping strategies among parents of primary school children during COVID 19 pandemic	Mrs. Namrata Pakhare	Mr. Muniyandi S
	Mr. Mayank Sankhwar	
	Ms. Rutuja Ganacharya	
	Mr. Raviraj Wadkar	
	Mrs. Vaishali Urankar	
To assess stress and coping strategies among parents of Thalassemia children during COVID 19 pandemic in selected hospitals in Navi Mumbai	Ms. Sanika Ithape	Mrs. Vandana Kumbhar
	Ms. Sayali Acharekar	
	Mr. Rupesh Gadhari	
	Mrs. Jayanthi Achary	

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 Puduserry	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 RM 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 adolescents.	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,

Research Publications

Mrs. Manisha V. Sawant, Mrs. Susan Jacob, Effect of Buzz Group Regarding Content Knowledge and Practice on Fistula Care for Patients with Hemodialysis among Second year Baccalaureate Nursing Students Innovational Journal of Nursing and Health Care ISSN: 2454-4906 Peer- reviewed and Index Journal Vol.7 (4) October-December 2021.

Mrs. Smruti Parkar, Mrs. Susan Jacob, Effect of Web-based Learning on Content Knowledge and Practice Regarding Care of Patients with Tracheostomy among Second Year B.Sc. Nursing Students. Indian Journal of Nursing Sciences e-ISSN: 2581-463X International Peer Reviewed Journal, Vol.6 (4) October-December 2021

Mrs. Seeta Devi, Dr. (Mrs.) Prabha K. Dasila, Verbal, Written, and Video-Based Health Education on Prevention and Early Detection of Cervical Cancer, Journal of Data Meghe Institute of Medical Sciences University Vol.15 (3)

Dr. Padmaja Dhawale, Dr. (Mrs.) Prabha K. Dasila, A Retrospective Study on Morbidity and Mortality of Low Birth Weight Infants During First Year of Life, International Journal of Current Science (IJCS PUB) 2 May 2022.

Copyright Registrations

Sr. No.	Author Name	Tool	Diary number & Date	Remark
1	Dr. Sindhu Thomas Dr. Nimain Mohanty Dr. Prabha K. Dasila	Observation Checklist to assess the effect of breast crawl on breastfeeding practices among mothers	13512/2022-CO/L Submission Date - 24/06/2022	Registration Number L-130466/2023
2	Dr. Sindhu Thomas Dr. Nimain Mohanty Dr. Prabha K. Dasila	Structured questionnaire to assess awareness and practices on breastfeeding among mothers	13328/2022-CO/L Submission Date - 22/06/2022	Registration Number L-130467/2023
3	Dr. Jyoti Chaudhari Dr. Anuradha Mhaske Dr. Prabha K. Dasila	Semi structured interview schedule to assess self-reported performance and related problems of CABG patients after discharge	13317/2022-CO/L Submission Date - 22/06/2022	Status Showing "Re-Scrutiny"

Clinical Services

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

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

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

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

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

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

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

**MGM SCHOOL OF BIOMEDICAL
SCIENCES NAVI MUMBAI**

NAAC Accredited with Grade A++

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.

To wipe every tear from every eye

Mahatma Gandhi

From the Director's Desk,



A Good Education Is One of The Requisites for The Betterment of Tomorrow.

We here at **MGM SCHOOL OF BIOMEDICAL SCIENCE, NAVI MUMBAI** work with the aim of providing quality education for the holistic development of our students. In these past years of my service to the Institute, I have witnessed the overwhelming progress of the college and have seen our students soaring high. In this short span of time, with combined efforts, we were able to overcome many hurdles and emerge as one of the premium colleges offering allied health CBCS program.

We offer Undergraduate, Postgraduate, and Ph.D. programs in various allied health CBCS program with a mission to provide the best paramedical professionals to our society. A meticulously designed curriculum, adequate clinical training, problem-based, evidence-based teaching approach, and providing opportunities for interdisciplinary research are the prime highlights of the facilities that we cater to our students.

With the drastic change that the health sector has undergone over the past decades, there arises a need for skilful and competence-based healthcare professionals to meet the needs of healthcare services across the community.

MGM SBS, NM trains the aspiring paramedical professionals for providing the best quality health care 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.

The college is extensively involved in the field of research and innovation with a talented team of research scholars and has various patent, publication, books and chapters to its credit which in turn have motivated numerous students to explore the path of clinical research.

We prioritize the overall wellbeing of our students and thus have included value based spiritual education in our curriculum to create a student friendly learning environment.

As rightly quoted by Mahatma Gandhi *“Education is the Basic Tool for the Development of Consciousness and the Reconstitution of Society”*

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 the aspiring paramedical professionals to **MGM School of Biomedical Sciences** to explore, learn and grow as professionals in the field of health sectors.

Dr. Mansee Thakur

(Ph.D. Biotechnology)

I/c Director

MGMSBS, Navi Mumbai

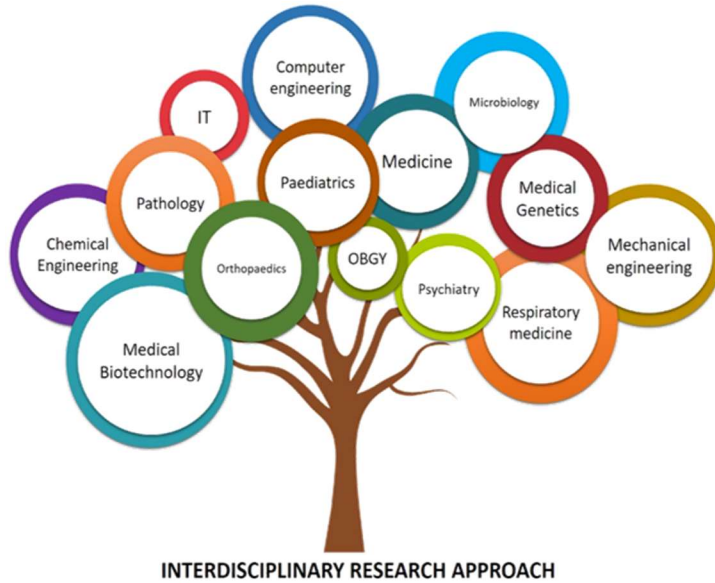
MGM School of Biomedical Sciences (MGMSBS), Navi Mumbai, MGMIHS offers undergraduate and post graduate degree programme as well as Ph.D. programme according to the guideline of UGC Govt. of India. All the UG & PG programs follow the Choice-Based Credit System pattern with semester pattern which is designed to provide academic flexibility and holistic approach supported with value added courses consisting interdisciplinary components to empower the knowledge to the society.

Research Profile of the Department:

MGMSBS aspires to provide quality of Education & Research with aim to disseminate knowledge and human health practices to alleviate human suffering. MGMSBS fostering the emerging research in fields including allied sciences, the humanities, and health care that is relevant to today's society. The institution is dedicated to providing the necessary infrastructure, training, and support for fostering high-quality research while upholding the highest ethical standards. SBS has well qualified research oriented young faculty and research scholar. MGM SBS has Scopus, Web of science and PubMed indexed publications in peer reviewed national and international journals. MGMSBS is committed for applied and translation research, IPR and product development from the R&D supports. SBS Individual faculty members are also supported by extra mural research grants from the National funding agencies such as Department of Science & Technology (DST), Department of Biotechnology (DBT), Indian Council of Medical Research (ICMR), Board of Research in Nuclear Sciences (BRNS) etc.

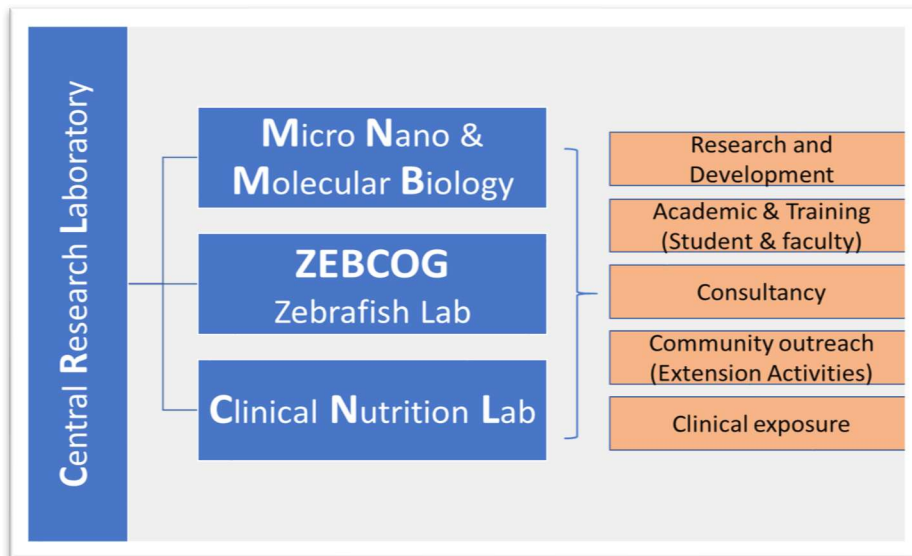
MGM Central Research Laboratory:

The Central Research Laboratory established by MGM School of Biomedical Sciences offers exclusive facilities to undertake genetic, molecular and biotechnological applied research in sync with the thrust areas of research of the Institute. The laboratory is well- equipped with high-through put technique of PCR as well as technology for ELSIA, DNA/RNA extraction, electrophoresis (vertical/horizontal), microbiological assays NAAT, DNA hybridization assays, EVOS FL Auto microscope, immunological assays and Culture and Drug Susceptibility studies, and Zebra fishy cultivation (as animal model). These facilities have resulted in development of rational drug discovery, discovery of novel predictive biomarkers of diseases, affordable and rapid diagnostic kit for detection of TB and Malaria, Prediction of disease and prophylactic disease management and decoding infectious diseases at host genome level. These facilities will enable strengthening of development of robust algorithms for early identification of diseases and offering novel solutions for management.



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

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



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.



MGMIHS ANNUAL REPORT 2021-22

Clinical exposure: The department is giving clinical exposure to the post graduate students throughout their degree program by providing them the clinical postings in the tertiary care hospitals running by the MGMIHS. The students are getting hands on training to counsel the patients and to conduct their exploratory and interventional studies.

Institute is having nine hundred bedded hospital there the Dietetics department is working with the coordination from medical and paramedical staff. We have conducted several studies on type 2 diabetes, cardiovascular diseases, renal and kidney problems.

Community outreach activities: The faculties and students are getting lot many opportunities to work in the rural and tribal communities. They are involved in screening program of non-communicable diseases. The institute is providing the facilities to train the students to work in the community. The screening programs giving the opportunities to conduct formative researches with the coordination of Central research laboratory and hospital central laboratory and further helpful to plan intervention studies for the betterment of patients.

PROGRAMME

Course	Duration in years	Academic Year	Admissions
B.Sc. Allied	4 years (3 years Academic & 1 year Internship)	2021-22	110
M.Sc. Allied	2 years	2021-22	75
Ph. D		2021-22	5

UNDER GRADUATE (UG) PROGRAMME

Course Name	Intake	Enrolled
B.Sc. Perfusion Technology	5	3
B.Sc. Medical Dialysis Technology	20	14
B. Optometry	20	10
B.Sc. Operation Theatre & Anaesthesia Technology	20	20
B.Sc. Medical Imaging Technology	30	30
B.Sc. Medical Laboratory Technology	30	29
B.Sc. Cardiac Care Technology	5	5

POST-GRADUATE (PG) PROGRAMME

Course Name	Intake	Enrolled
M.Sc. Medical Biotechnology	20	20
M.Sc. Medical Genetics	20	9
M.Sc. Clinical Embryology	5	5
M.Sc. Molecular Biology	20	3
M.Sc. Clinical Nutrition	10	10
Masters of Public Health	5	2
Master of Hospital Administration	15	14
M.Sc. Biostatistics	10	1
M.Sc. Cardiac Care Technology	5	1
M.Sc. Medical Radiology & Imaging Technology	5	5
M. Optometry	5	3

Ph. D PROGRAMME

Course Name	Enrolled
Medical Biotechnology	1
Medical Genetics	Nil
Molecular Biology	Nil
Biostatistics	Nil
Master of Hospital Administration	2
Health Profession	2

Details of Teaching Faculty

Sr. No.	Designation	Staff Strength
1	Professor	2
2	Assistant Professor	3
3	Tutor	15

MGMIHS ANNUAL REPORT 2021-22**List of Staff for the Academic Year 2021-22**

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	Dr. Anajli N. Kanoongo	Research Officer	Omics
6	Mr. Yogesh Patil	Tutor/Ph.D fellow	Biotechnology
7	Mrs. Chandana Kulkarni	Tutor/Ph.D fellow	Omics
8	Mrs. Priyanka Rathod	Tutor/Ph.D fellow	Omics
9	Ms. Panikar Surya Anand Sheela	Tutor/Ph.D fellow	Genetics
10	Mr. Pratik Morade	Tutor	Dialysis Tech.
11	Mrs. Anamika Chalwadi	Tutor	MLT
12	Mr. Rohit Gupta	Tutor	Optometry
13	Mr. Shubham Rajan Sawal	Tutor	Radiology
14	Mr. Shreeyash Tulpule	Tutor	Cardiology
15	Ms. Patcy Bellarmin	Tutor	Anatomy
16	Ms. Neelam Yeram	Tutor	Biochemistry
17	Mr. Subodh Rahate	Tutor	Radiology
18	Ms. Harshita Mohanty	Phd Fellow	Omics
19	Ms. Alisha Atul Bhangle	Phd Fellow	Omicss
20	Ms. Sanjana Thuruthel Philip	Ph. D Fellow	Omics

RESEARCH CONTRIBUTION:

Extramural Projects:

Name of the Project, Clinical Trial, Endowment, Chairs	Name of the PI	Funding agency	Department of PI	Year	Amount	Duration
Impact of fortified Rice with Vitamin C rich food on iron status of anaemic school age children (6-12 years)	Dr Priyanka Pareek	DBT	Dept of Clinical Nutrition, MGM SBS Kamothe	2022	2895760/-	2 years
Development of comprehensive nutrition intervention to prevent hidden hunger among adolescent girls	Dr Priyanka Pareek	ICMR	Dept of Clinical Nutrition, MGM SBS Kamothe	2022	32,85600/-	2 years

Ongoing / Completed Research Projects

Sr. No.	Name of the Institution	Ongoing	Completed
1	MGM School of Biomedical Sciences, NM	Post graduate -76 PhD - 15	Post graduate -55 PhD - 2

PUBLICATION: Research Paper:

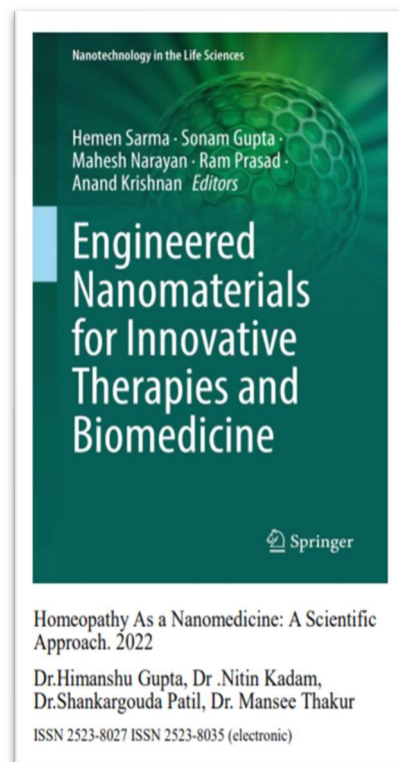
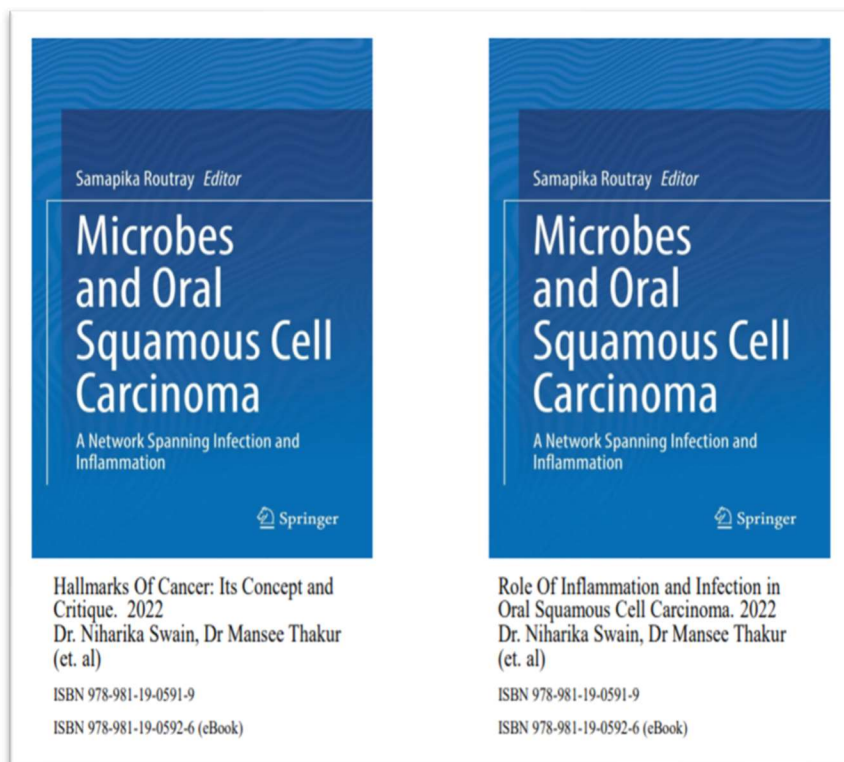
Sr. No	Year of Publication	Title of paper	Name of the Authors	Name of Journal	National / International
1	2022	Evaluation of Immune Expression of Stat3 as Early Event for Cellular Alteration in Tobacco Stressed Oral Mucosa	Kini V, Awachar S Dekate K, Thakur M, Walekar S, Choudhari S.	International Journal of Biology, Pharmacy and Allied Sciences	International
2	2022	Association of premenstrual syndrome with adiposity and nutrient intake among young Indian women.	Thakur H, Pareek P, Sayyad MG, Otiv S.	International Journal of Women's Health	International
3	2022	Comparison of Bioelectrical Impedance Analysis and Skinfold Thickness to Determine Body Fat Percentage among Young Women.	Thakur HK, Pareek PA, Sayyad MG.	Current Research in Nutrition and Food Science Journal.	International
4	2022	Angiogenic Potential and Its Modifying Interventions in Dental Pulp Stem Cells: a Systematic Review	Badodekar N, Mishra S, Telang G, Chougule S, Bennur D, Thakur M, Vyas N	Regenerative Engineering and Translational Medicine.	International

MGMIHS ANNUAL REPORT 2021-22

5	2022	Identification of genetic instability in peripheral blood lymphocyte of oral squamous cell carcinoma patients assess by comet assay	Dekate K, Barpande S, Tupkari J, Thakur M, Swain N	Journal of Oral and Maxillofacial Pathology: JOMFP	International
6	2022	Altered immunoexpression of SOX2, OCT4 and Nanog in the normal-appearing oral mucosa of tobacco users	Swain N, Thakur M, Pathak J, Patel S, Hosalkar R, Ghaisas S	Dental and Medical Problems	International
7	2022	Community mapping of COVID-19 cases admitted from April to June 2020 at a tertiary health care hospital in Raigad district in Maharashtra, India	Jadhav S, Waingankar P, Thakur M.	MGM Journal of Medical Sciences.	National
8	2022	Isolation of <i>Stenotrophomonas pavanii</i> DSM 25135(T) from Textile Effluent and Bioremediation of Carcinogenic Dye Basic Fuchsin in Free Cell vs Immobilized Cell System	Babar P, Samant S, Thakur M	IJEP	International
9	2021	Progens progesterone receptor gene polymorphism as a risk factor for preterm delivery	Panikkar S, Jadhav S, Sharma S, Thakur M.	J Med Pharm Allied Sci	National

Chapter:

Sr. No	Year of Publication	ISBN No	Title of paper	Name of the Authors	Name of Journal	Journal/ International
1	2022	978-3-030-82917-9 eBook: 978-3-030-82918-6	Homeopathy as a Nanomedicine: A Scientific Approach	Gupta H, Kadam N, Patil S, Thakur M	In Engineered Nanomaterials for Innovative Therapies and Biomedicine	International
2	2022	978-981-10591-9 eBook :978-981-19-0592-6	<u>Hallmarks of Cancer: Its Concept and Critique</u>	Niharika Swain, Rashmi Hosalkar, Mansee Thakur, Antony Herold Prabhu	Microbes and Oral Squamous Cell Carcinoma	International
3	2022	978-981-10591-9 eBook :978-981-19-0592-6	<u>Role of Inflammation and Infection in Oral Squamous Cell Carcinoma</u>	Niharika Swain, Jay Gopal Ray, Rashmi Hosalkar, Mansee Thakur, Kapil Singh Thakur	Microbes and Oral Squamous Cell Carcinoma	International



No of MoU/ Collaboration/linkages: 14

Name of the collaborating agency with contact details	Name of the participants	Year of collaboration	Duration	Nature of the activity
Heartfulness Education Trust	Dr Mansee Thakur MGM SBS Navi Mumbai	2021	1 year	Student training, Project work ,Collaborative research , Industrial Visit ,Skill Development
SRCC Centre of Child Development	Dept of Optometry MGM SBS (Rohit Gupta)	2021	Till date	Student training, Project work ,Collaborative research
Bai Jerbai Wadia Hospital for children Parel	MGM SBS (Dr Anjali Sabnis and Rose Jimson)	2021	Till Date	Student training, Project work ,Collaborative research
Bai Jerbai Wadia Hospital for children Parel	MGM SBS (Dr Anjali Sabnis and Pradnya Shahir	2021	Till Date	Student training, Collaborative research
SRL Diagnostics Goregaon	MGM SBS (Dr Anjali Sabnis and Pooja Waghela	2021	Till Date	Student training, Collaborative research
SRL Diagnostics Goregaon	MGM SBS (Dr Anjali Sabnis and Tejaswini Mahajan	2021	Till Date	Student training, Collaborative research
Logical Life Sciences Pvt Ltd Pune	MGM SBS (Dr Mansee Thakur and Biotech students	2021	Till Date	Collaborative research, Industrial Visit, Skill Development
Lilac Insights Pvt. Ltd. Mahape Navi Mumbai	MGM SBS Kamothe	2020	Till Date	Collaborative research, Industrial Visit, Skill Development
Progressive Education Society's Modern College of Art , Science & Commerce , Ganeshkhind Pune	Dept of Med Biotechnology MGM SBS (Dr Mansee Thakur)	2019	Till Date	Project Work, Internship, Collaborative Research, Students/ Faculty exchange
Samruddhi TBI Foundation ,Sangli	MGM Institute of Health Sciences	2019	Till Date	Research, Start-up, Entrepreneurship
Jugaadfunda Innovations LLP Pune	MGM Institute of Health Sciences	2018	Till date	Research, Start-up, Entrepreneurship
Nirmala Niketan college of Home Sciences , New Marine Lines Mumbai	MGM SBS (Dr Mansee Thakur)	2019	Till Date	Project Work, Internship, Academic, Clinical training, Collaborative research, Students/ Faculty exchange
Apollo fertility centre	MGM SBS (Dr Mansee Thakur,Dr Mini)	2019	Till Date	Project Work, Internship, Academic, Clinical training, Collaborative research, Students/ Faculty exchange
SVERI college of Engineering Pandharpur	MGM School of Biomedical Sciences (Dr Mansee Thakur)	2018	Till Date	Project Work, Internship, Academic, Clinical training, Collaborative research, Students/ Faculty exchange

Number of awards/recognitions

Name of the awards	Name of the Faculty/ students	Designation	Awarding Agency	Year
Innovation in Health care Management	Dr Ruhina Khan	Students	Thunderbird School of Global Management	2022
Innovation in Health care Management	Dr Sayali Sangire	Students	Thunderbird School of Global Management	2022
Innovation in Health care Management	Ms Naushin Palawkar	Students	Thunderbird School of Global Management	2022
Best Poster Presentation Won 2nd Prize With a cash prize of Rs 2000 In Low cost India Specific vaccum dressing system	Madhu Singh	Students	National Conference on Building a start-up innovation ecosystem at st claret college, Bangalore University	2022
Kamala Bhagwat Sohoni Science Shikshika / shodhkartri Mention 2022	Dr Mansee Thakur	Teacher	Rethink India	2022
2nd Prize for oral competition at MICON 2022	Mrs. Anamika Chalwad	Teacher	Yenepoya Research Centre, Mangluru	2022
Inspiring Woman Award 2022	Dr Mansee Thakur	Teacher	Fourth Screen Education and Pandit Dharma Prakash Sharma Memorial Charitable Trust	2022
2nd Prize for folk dance at Art Festival 2022	Smruti Mhatre	Students	District Art & Culture, Youth Convention, Azadi ka Amrit Mahotsav organized by Ministry Youth Affairs and Sports, Govt Of India	2022
Certificate of Appreciation received by MGM INSTITUTE OF HEALTH SCIENCES for the enthusiastic participation and excellent performance of the students from MGMIHS in the Global Heartfulness Essay Writing Event 2022	MGMIHS		United Nations Information Centre for India and Bhutan [UNIC], UNESCO MGIEP and the Heartfulness Education Trust	2022





St. Claret College
Affiliated to Bangalore University | A Claretian Missionary Institution
NURTURING VALUES AND EXCELLENCE
Bengaluru - 560 013.

IQAC & SCC-IIC
Present

**NATIONAL LEVEL
VIRTUAL STUDENT
CONFERENCE**

Thursday
June 30, 2022

**Building a Startup
Innovation Ecosystem**

UG and PG Students of Any Stream



St. Claret College
Affiliated to Bangalore University | A Claretian Missionary Institution
NURTURING VALUES AND EXCELLENCE

IQAC & SCC-IIC
Organised
**NATIONAL LEVEL
VIRTUAL STUDENT CONFERENCE**

Congratulations!

To Prize Winners

PAPER PRESENTATION

First Prize | Cash Prize : 10,000
Ashwini Prabhu, Pavithra A. Sarjee & Shubham Goyal
Arihant Institute of Commerce and Management,
Bengaluru

Second Prize | Cash Prize : 5,000
Sindu G., Soumya S. & Suvarna
St. Francis College, Koramangala, Bengaluru

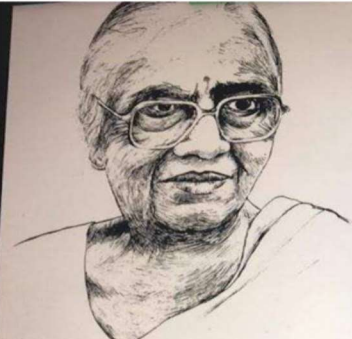
POSTER PRESENTATION

First Prize Cash Prize : 5000 Jathin Kumar S. St. Claret College, Bengaluru	Second Prize Cash Prize : 3000 Madhu Singh MGM School of Biomedical Sciences, Mumbai
--	--

**IIC Special Awards for Claretine
Presentations**

Cash Prize : 1500


Nikitha, Nishu Kumari & Prajwal Raj (II B. Com A)	Anagha Hari & Nithya P. (II M. Com)	Thejas P. S. (I BBA)
--	--	-------------------------




**KAMALA
BHAGWAT
SOHONIE**
Science
Shikshika
Shodhkartri
Mention 2022

International Day of Women and Girls in Science 2022

**Dr. Mansee
Thakur**
Director
MGM School of Biomedical Sciences, Navi Mumbai

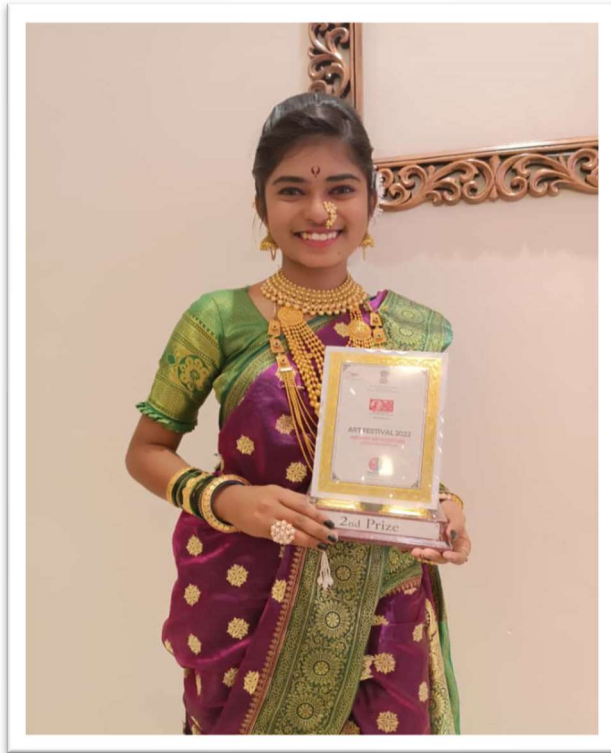
re.think  *Surkhi Vaid*

25, Magha
Shukla Paksha, Dashami
2078 Ananda Vilas



Mansee Thakur

MGMIHS ANNUAL REPORT 2021-22



ART FESTIVAL 2022
DISTRICT ART & CULTURE
YOUTH CONVENTION

Dance Competition
Folk Dance
Solo Dance
Classical Dance
Singing Competition
Reels Competition

HEARTFULNESS ESSAY EVENT 2021
 ORGANISED BY
 • Heartfulness Education Trust • Shri Ram Chandra Mission
 • UNESCO MGIEP • UNIC for India and Bhutan

Certificate of Appreciation

This certificate is awarded to
MGM INSTITUTE OF HEALTH SCIENCES
 Sector 1, Kamothe, Navi Mumbai, India

for an outstanding contribution to the
Heartfulness Essay Event

Kamlesh D. Patel
 Kamlesh D. Patel
 PRESIDENT
 Shri Ram Chandra Mission

Rajiv Chandran
 Officer-In-Charge
 UN Information Centre
 India and Bhutan

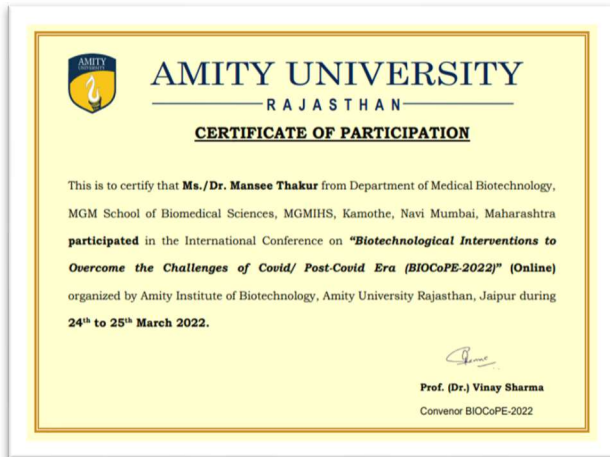
**Faculty participation in Development Programme / Seminars/
Conferences /**

Sr No	Year	Name of Faculty	Name of workshop/ conference attended	Date
1	2022	Dr. Mini Mol	Healthcare Facility For Basic Reproductive Biomedicine Techniques	1 st to 3 rd September 2022
2	2022	Ms. Rafiya S	Healthcare Facility For Basic Reproductive Biomedicine Techniques	1 st to 3 rd September 2022
3	2022	Dr. Himanshu Gupta	Modernization of traditional Indian Medicine	1 st to 4 th August 2022
4	2022	Dr. Mansee Thakur	Sensitization on innovation & cutting-edge technologies	27 th Jun to 1 st July 2022
5	2022	Swati Amin	Online workshop On Nutrition Research	30 th and 31 st July 2022
6	2022	Dr. Shruti Vrushal Papal	Online workshop On Nutrition Research	30 th and 31 st July 2022
7	2022	Vaishnavi Yashwan Rao	Online workshop On Nutrition Research	30 th and 31 st July 2022
8	2022	Dr. Himanshu Gupta	Genetic counselling across various medical speciality	1 st to 3 rd July 2022
9	2022	Mr. Rohit Gupta	Shiksha 2.0	18 th June to 17 th July 2022
10	2022	Mrs. Anamika Chalwadi	Shiksha 2.0	18 th June to 17 th July 2022
11	2022	Dr. Neelam Yeram	Shiksha 2.0	18 th June to 17 th July 2022
12	2022	Prachi Haresh Naik	Embryology meet	8 th June 2022
13	2022	Madhu Kale	Embryology meet	8 th June 2022
14	2022	Shradha Mishra	Embryology meet	8 th June 2022
15	2022	Shikha Kadam	Embryology meet	8 th June 2022
16	2022	Rajlakshmi Devdas Thakur	Embryology meet	8 th June 2022
17	2022	Madhu Kale	Delegate in Meta Virtual Conference	4 th and 5 th June, 2022
18	2022	Dr Mansee Thakur	Advance GCP training & Recent Updates on Regulatory Requirements	21 st April 2022

MGMIHS ANNUAL REPORT 2021-22

19	2022	Dr Himanshu Gupta	Advance GCP training & Recent Updates on Regulatory Requirements	21 st April 2022
20	2022	Dr. Himanshu Gupta	Nanotechnology	11 th April 2022 to 03 rd May 2022
21	2022	Dr Mansee Thakur	Biotechnological interventions to overcome the challenges of COVID/ post COVID era (BIOCoPE-2022)	24 th to 25 th March 2022
22	2022	Dr. Himanshu Gupta	Biotechnological interventions to overcome the challenges of COVID/ post COVID era (BIOCoPE-2022)	24 th to 25 Mar 2022
23	2022	Mr Yogesh patil	Biotechnological interventions to overcome the challenges of COVID/ post COVID era (BIOCoPE-2022)	24 th to 25 Mar 2022
24	2022	Mrs Anamika Mahesh Chalwadi	The road map for literature review writing	5 th March 2022
25	2022	Mrs. Anamika Chalwadi	NSS	11 th to 17 th Feb 2022
26	2022	Mrs Anamika Chalwadi	MiCON 2022	2 nd February 2022
27	2022	Dr Himanshu Gupta	Focus on fish : Practical refinements for fishes in research and testing	23 rd February 2022
28	2022	Dr Priyanka Pareek	MNT for CKD on dialysis	29 th January 2022
29	2022	Shravya Karkera	Annual Webinar On Can Processed Foods be Healthy and Nutritious?	12 th January 2022
30	2022	Dr. Shruti Vrushal Papal	Annual Webinar On Can Processed Foods be Healthy and Nutritious?	12 th January 2022
31	2022	Yogesh patil	IDEATHON 2022	24 th to 20 th January 2022
32	2021	Madhu Singh	Voice for BT	17 th Dec 2021
33	2021	Madhu Singh	'BILLBOARD'21'	18 th Nov – 22 nd Nov 2021

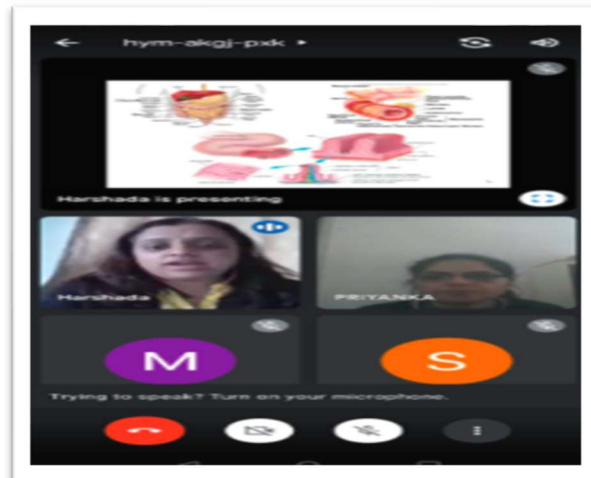
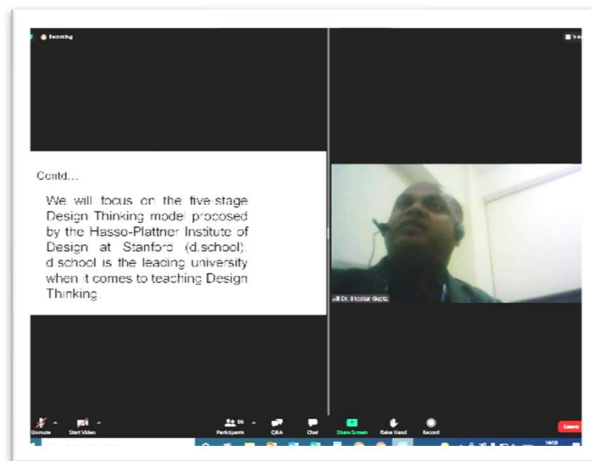
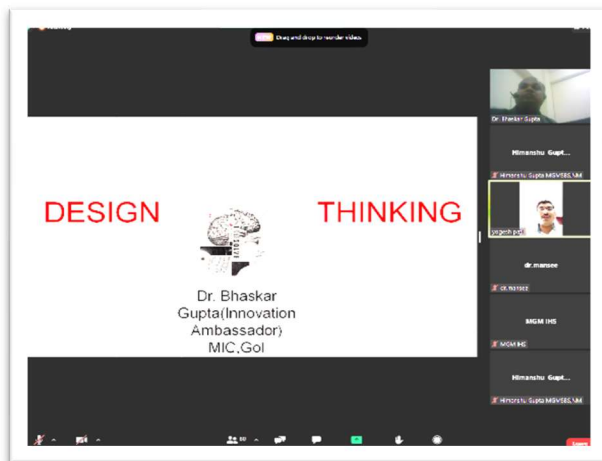






Workshop organised


Sr No	Year	Name of the workshop/ seminar/ webinar Organised	Date From - To
1	2022	Workshop on Scientific Writing	8 th to 9 th Jan 2022
2	2022	Design Thinking, Critical Thinking And Innovative Design	13th Jan 2022
3	2022	An Insight Into ART : Basic Of Embryology	24th Jan 2022
4	2022	MNT For Paediatric Gastrointestinal Disorders	13th Jan 2022
5	2022	Workshop On Culture Of Zebrafish And Molecular Biology Techniques	27th Jan 2022
6	2022	Motherhood	28th Jan 2022
7	2022	Online Lecture Series On Glaucoma For Undergraduates & Post Graduates Of Optometry	27 th to 29 th Jan 2022
8	2022	Webinar On Glaucoma Awareness	31 st Jan 2022
9	2022	Dispensing Workshop Report	30 th June 2022
10	2022	Soft Contact Lens Workshop	16 th July 2022
11	2022	Online E-Poster Presentation Competition On Business Model Canvas Presentation Under Quarter IV	5 th Aug 2022
12	2022	Students Induction Program 2022-23	16th -22 Aug 2022



MGMIHS ANNUAL REPORT 2021-22



ORGANISED BY
DEPARTMENT OF CLINICAL EMBRYOLOGY



MGM SCHOOL OF BIOMEDICAL SCIENCES,
NAVI MUMBAI
A Constituent unit of MGM Institute Of Health Sciences.
Deemed to be university u/s3 of UGC Act 1956

*Invites you to participate in the
Poster Competition*

TOPIC: MOTHERHOOD

INSTRUCTIONS:

- Each Participant can submit only one poster.
- Participants must send their posters via the given link on or before 28th January, 2022.
- The poster can be handmade or digital.
- The poster must be made on A3/A4 size sheet with margins drawn with black ink.
- You can use any editing programs (word processor, publishing programs, photo editing program, etc.) to make posters.

JUDGEMENT CRITERIA :

- Accordance to the theme.
- Originality
- Creativity
- Whether or not the given instructions have been followed.

Click here to submit —
https://docs.google.com/forms/d/1F-AjzCk5d1_Er5DnV1E-CwmAKz8T7x2i0t0p1k5dP5h0i0C-EHx0ZAg/viewform?usp=send_link

Last Day for Poster Submission is 28th January, 2022.

Contact for Queries:
8689857983/8308661309

E-Certificate For both Participants & Winner.

A VIRTUAL WEBINAR ON

"An Insight into ART: Basics of Embryology"

SESSION II
Date: Jan 04, 2022

Organized by
DEPARTMENT OF CLINICAL EMBRYOLOGY
MGM SCHOOL OF BIOMEDICAL SCIENCES,
NAVI MUMBAI
A Constituent unit of MGM Institute of Health Sciences.
Deemed to be university u/s3 of UGC ACT 1956

PATRONS:

-  Dr. Shashank D. Dalvi
Hon'ble Vice Chancellor,
MGMIHS
-  Dr. Nita H Kadam
Hon'ble
Pro Vice Chancellor,
MGMIHS
-  Dr. Manasa Thakar
Director,
MGM SBS, Navi Mumbai

CONVENOR & ORGANIZING SECRETARY:

-  Dr. Mani Mal P.
IC Dept of Clinical Embryology,
MGM SBS, Navi Mumbai

COMMITTEE MEMBERS:

-  Ms. Ratnija S.H. Sangameshwari
-  Ms. Shikha V. Kadam

GUEST SPEAKERS

-  Dr. Shrutiika Thakkar
Director,
MedAnsh Multiplicity Hospital,
Wandri, Mumbai
Topic: "Role of Male and Female Reproductive
Hormones in Infertility"
11:00 am - 12:00 pm
-  Abhinav Dudeja
Senior Clinical Embryologist,
Delhi
Topic: "Setting Up an IVF LAB: Do's & Don't"
12:00 pm - 01:00 pm

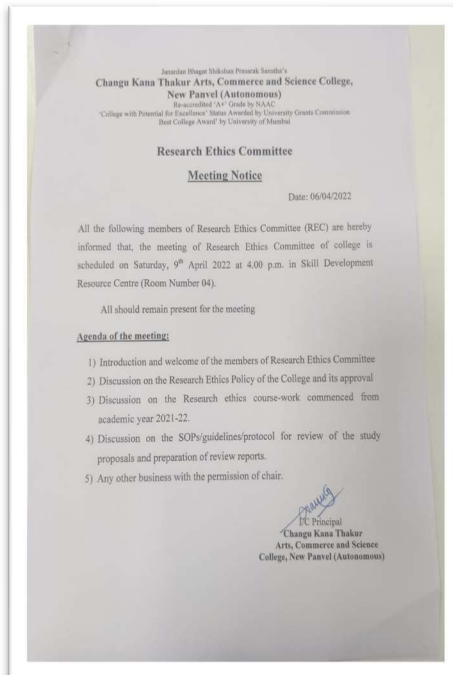
Registration link as follows:
<https://forms.gle/UG6SafD5Cy0eC396>

Contact: 8689857983 / 9326222987


MGMIHS ANNUAL REPORT 2021-22

CONTRIBUTION OF FACULTY AS RESOURCE PERSON:

Sr No	Name of The Faculty	Name of Organisation	Name of the Programm	Postion	Date
1	Dr Mansee Thakur	MGM Dental College NM	Musical strings present Meri Awaz hi mere pahachan hai	Guest Speaker	14th Mar 2022
2	Dr. Himanshu Gupta	Biotechnology laboratory at Pillai college	Audit of Biotechnology Lab	Auditor	22nd April 2022
3	Dr. Himanshu Gupta	CYCU, Taiwan And UST Faculty Of Pharmacy And UST College of Science	Webinar For International Collaboration On Toxicology And Pharmacology	Speaker at international conference	6th and 7th of April 2022
4	Dr Mansee Thakur	University of Mumbai	International conference ICS 2022	Speaker at international conference	4 & 5th August 2022
5	Dr. Priyanka Pareek	Nutrition Society of India, Mumbai		chapter's executive committee members	2022-2024
6	Dr Mansee Thakur	CKT college , Mumbai University		BOS & as member of Research Ethics committee	2022-2023




MGMIHS ANNUAL REPORT 2021-22



MGM Dental College & Hospital, Navi Mumbai
Accredited by NAAC with 'A' Grade

Musical Strings presents 'Meri Awaaz Hi Pehchaan Hai'



A tribute to the voice which revolutionized our Indian music industry,
Bharat Ratna Lata Mangeshkar Ji
(1929 – 2022)

Venue: Auditorium
Date: 14th March 2022
Time: 2:15 pm to 3:30 pm

Chief Guests:
Dr. Sudhir Kadam
Mrs. Lata Kadam
Guest of Honour:
Dr. Sabita Ram
Guest Speaker:
Dr. Mansee Thakur
Special Guests:
Shri Pramod Sarkate
Shri Swaraj Sarkate
(Directors of 'RHYTHM SCHOOL OF MUSIC')



ON THE OCCASION OF WOMEN'S DAY CELEBRATION,
WE CORDIALLY INVITE

Dr. Mansee Thakur Madam

As our Guest Speaker

14/ 03/ 2022 from 1:30pm onwards
AUDITORIUM, 4th FLOOR
MGM DENTAL COLLEGE &
HOSPITAL, KAMOTHE, NAVI MUMBAI



Webinar for international collaboration on toxicology and pharmacology (2022/04/06-07)
Organizer: Chung-Der Hsiao (Chung Yuan Christian University, Taiwan) and UST Faculty of Pharmacy and UST College of Science



Agnes L. Castillo
UST, Philippines



Ross D. Vasquez
UST, Philippines



Allan Patrick Macabeo
UST, Philippines



Nguyen Thanh Vu
HCMBiotech, Vietnam



Himanshu Gupta
MGMSBS, MGMIHS, India



Kelvin H.-C. Chen
NPTU, Taiwan



Yu-Heng Lai
BCU, Taiwan



Chia-Hung Yen
KMT, Taiwan



Chung-Der Hsiao
CYCU, Taiwan



CERTIFICATE OF APPRECIATION

This certificate is presented to:

Prof. Dr. Himanshu Gupta
Mahatma Gandhi Mission School of Biomedical Science and Institute of Health Sciences, India
for sharing her expertise and time as
Resource Speaker

TALK: Visualizing normal and defective bone development using different staining techniques - A valuable approach using zebra fish as a vertebrate model

at the Webinar Series on International Collaboration on Toxicology and Pharmacology organized by Chung Yuan Christian University and the University of Santo Tomas (Faculty of Pharmacy and College of Science) on the 6th day of April 2022



Prof. Aeth Therese L. Dacanay, PhD
Dean, Faculty of Pharmacy
University of Santo Tomas

Prof. Rey Donne S. Papa, PhD
Dean, College of Science
University of Santo Tomas

Prof. Chung Der Hsiao, PhD
Professor, Department of Bioscience and Technology
Chung Yuan Christian University



HOME CONFERENCE SCHEDULE CALL FOR PAPER IMPORTANT DATES GUIDELINES ABOUT US ORGANISING COMMITTEE VISIT THE CONFERENCE





International Conference on Sustainability: Integrated and Scientific Approach (ICS-2022)
4th August, 2022 to 6th August, 2022

VISIT THE CONFERENCE VIEW FLYER

3.10 pm- 3.35 pm	health impact ITH-I-3: Dr. (Mrs.) Mansee Thakur i/c Director - MGM School of Biomedical Sciences, HOD& Professor - Dept of Medical Biotechnology, MGMIHS, Kamothe Title: Low cost TB detection System – A	ITH-II-3: Dr. Kashinath A. Bogle School of Physical Sciences, Swami Ramanand Teerth Marathwada University, Nanded-431606 Maharashtra (India) Title: Sustainability of Water for Healthy Future	ITH-III-3: Mr. Rajendra Kumar Patil Chief Manager, Asian Paints Ltd. Title: Sustainability in paint industry	ITH-IV-3: Mr. Prasad Pant Director, South Asia ZDHC Foundation Title: The need for sustainable chemistry in	using Deep Learning (DL) Techniques ITH-V-3 Dr. Sanjay G. Bhawe Director of Research, Dr. Balasaheb Sawant Kokan Krishi Vidyapeeth, Dapoli Title: Food Security and Prosperity through
------------------	--	--	--	---	---

Extension and outreach activities

Year	Name of the activity	Organising unit/ agency/ collaborating agency
2021-22	Webinar On Chhatrapati Shivaji Maharaj Jayanti; MGM School of Biomedical Science, Navi Mumbai.	NSS unit of MGM SBS NM
2021-22	Marathi Rajbhasha Diwas, Skit MGM, Demo Hall Ground Floor, Navi Mumbai.	NSS unit of MGM SBS NM
2021-22	International Women's Day Celebration; MGM School of Biomedical Science, Navi Mumbai.	NSS unit of MGM SBS NM
2021-22	Webinar On National Deworming Day; MGM School Of Biomedical Science, Navi Mumbai.	NSS unit of MGM SBS NM
2021-22	Webinar On National Voters Day; MGM School of Biomedical Science, Navi Mumbai.	NSS unit of MGM SBS NM
2021-22	World Environment Day; MGM Campus. Navi Mumbai	NSS unit of MGM SBS NM
2021-22	Perfusion Appreciation Week	Dept of PT MGMSBS
2021-22	International yoga day	NSS unit of MGM SBS NM
2021-22	World Embryologist Day	Dept of Clinical Embryology MGMSBS
2021-22	World Dietetic Day	Dept of Clinical Nutrition, MGMSBS
2021-22	Cervical Cancer Awareness Month	NSS unit of MGM SBS NM
2021-22	Government of Maharashtra National Service Scheme 2 Days Youth Leadership Programme	NSS unit of MGM SBS NM
2021-22	World Blood Donor Day	NSS unit of MGM SBS NM
2021-22	Mega Health Camp Organized By MGMIHS	M.Sc. Clinical Nutrition, Biotechnology, Optometry Genetics And MPH
2021-22	Blood Donation Camp At Mylan (Viyash) Company, Taloja, Lubrizol and Turbhe, khalapur, ONGC Uran	NSS unit of MGM SBS NM
2021-22	world breast feeding week, Ram mandir, Belapur	MGM Hospital Belapur and MGM SBS Dept. of Clinical Nutrition
2021-22	World Breastfeeding Week	Dept of Clinical Nutrition, MGMSBS in collaboration with Department of Community Medicine, MGM Medical college
2021-22	World dialysis day	Dept. of Dialysis Technology MGMSBS,
2021-22	National Doctors Day	NSS unit of MGM SBS NM

DAY'S CELEBRATIONS:

World Breastfeeding Week - PHC, Nere



World Breastfeeding Week - MGM

MGM HOSPITAL AND RESEARCH CENTRE
CBD BELAPUR, NAVI MUMBAI

MGM Hospital and Research Centre, CBD Belapur,
is Happy To Announce The Celebration Of

WORLD BREASTFEEDING WEEK 2022

DATE Time - 11.30am
08.08.22
Monday

VENUE
Ram Mandir,
Belapur Gaon

STREET PLAY THEME
Step Up For Breastfeeding, Educate And Support™

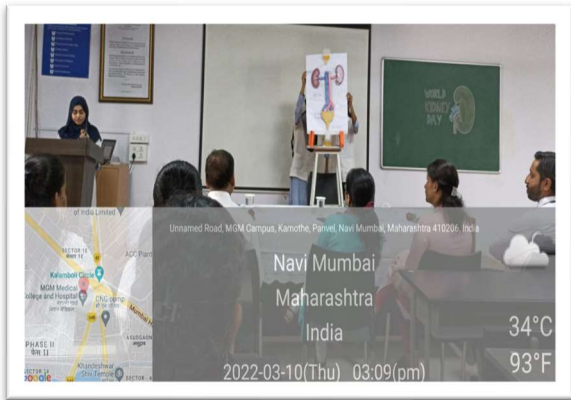
In collaboration with
Department of Clinical Nutrition,
MGM school of Biomedical Sciences

Call us now!
022 35142400/01/02

mgmcbd



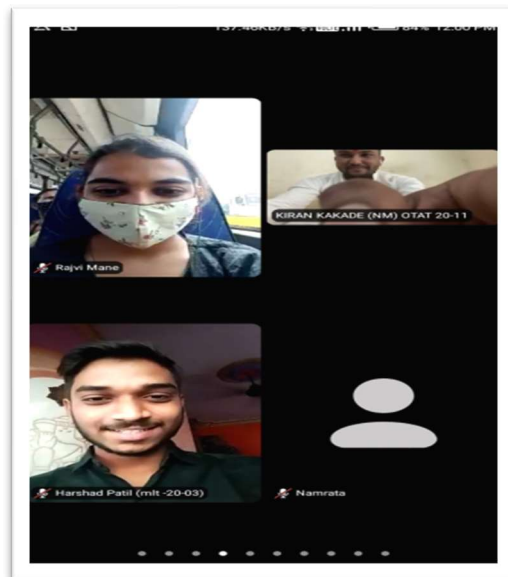
World dialysis day



NATIONAL DOCTORS DAY



WEBINAR ON CHHATRAPATI SHIVAJI MAHARAJ JAYANTI



WELLNESS CORNER

Heartful Enabled Leadership Mastery (HELM)

MGM School of Biomedical Sciences, NM.
Internal Quality Assurance cell (IQAC)

In collaboration with
Heartfulness Education Trust along with Heartful Campus

Presents
Start 'U'P

A fundamental leadership program
for youth by the Heartfulness Institution
for the students of MGM School of Biomedical Sciences, Navi Mumbai.
From 24th January to 11th February, 2022. Every Monday and Friday.
09:00 am to 10:00 am.

Priyanka Sethi
Holds a Bachelor in Commerce (Marketing) and Public Enterprise. Has a MBA in Finance and Information Technology. Entrepreneur and Heartfulness trainer.

Rakhee Arora
Holds a B.Sc. (Tech) degree in textile chemistry. A full time certified Heartfulness Trainer.

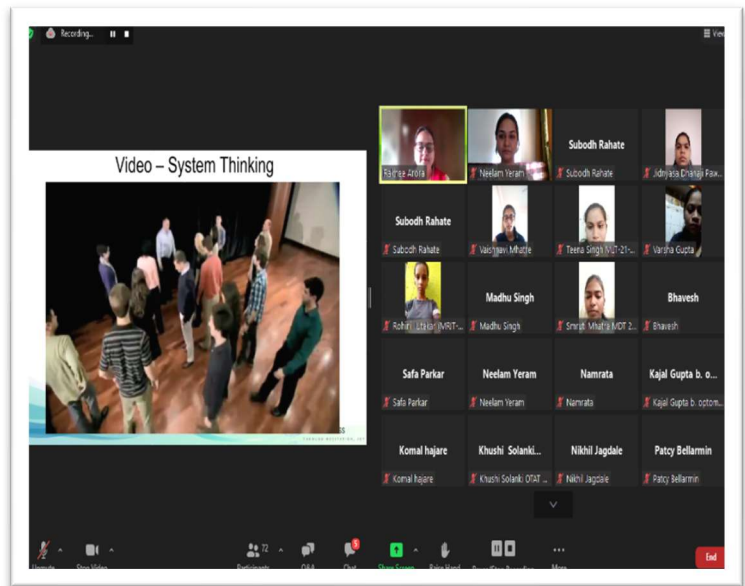
Namrata Walvekar
Holds a Masters degree in Marketing and a vocational degree in Tourism and travel management. A full time certified Heartfulness meditation trainer.

Sriatha Seshadri
Ex Chief Manager: Information Technology, from Bank of Maharashtra. A full time certified Heartfulness Trainer.

An initiative by
Dr Mansee Thakur
Dr Himanshu Gupta

Supporting Faculty
• Ms. Anamika Chawadi
• Ms. Neelam Yeram
• Ms. Patey Bellaramin
• Mr. Subodh Rahate

Student initiative by
• Ms. Shubhangi Dubey
• Ms. Siddhaya Pawar
• Mr. Shubham Malvi



Heartfulness Meditation Workshop

MGM School Of Biomedical Sciences
Navi Mumbai & Aurangabad,
A constituent unit of
MGM INSTITUTE OF HEALTH SCIENCES

In association with Heartfulness Education Trust along with Heartful Campus
Presents
Heartfulness Meditation Workshop
3 days online short term training program
for the students and faculty members of MGM School of Biomedical Sciences, Navi Mumbai.
From 17th to 19th January, 2022. 9.00 am to 10.00 am

Guest speakers

Mr Rajgopal
Ex Chief Finance Officer at Reliance Retail Limited (EPC Division)

Ms. Lalitha Rajgopal
Heartfulness trainer

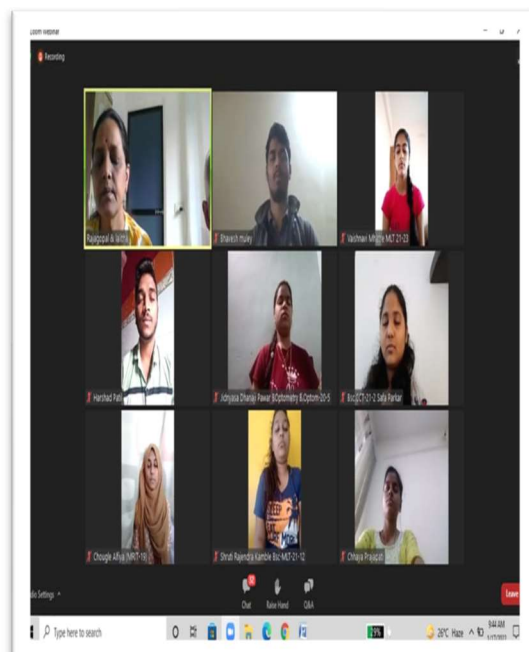
An initiative by
Dr Mansee Thakur
Director MGMBS, Navi Mumbai

Student initiative by
• Ms. Shubhangi Dubey
• Ms. Jidnyasa Pawar

Supporting Faculty
• Dr Himanshu Gupta
• Mrs. Anamika Chawadi
• Ms. Neelam Yeram
• Ms. Patey Bellaramin
• Mr. Subodh Rahate

Dr Lalitha Dhareshwar
Ex Head, Laser & Neuron Physics Division of BARC President of Indian Women Scientists' Association (I.W.S.A.)

Mr Vikas Bonde
Senior Vice president at Reliance Jio Network Services at National HQ



NSS Webinar On CERVICAL CANCER Awareness Month

MGM SCHOOL OF BIOMEDICAL SCIENCE, NAVI MUMBAI
A Constituent Unit of MGM INSTITUTE OF HEALTH SCIENCE
NATIONAL SERVICE SCHEME UNIT

WEBINAR ON CERVICAL CANCER AWARENESS MONTH

PATRONS

Speakers-

Dr. Daxa
Junior Clinical co-ordinator at Asian Cancer Institute, Mumbai, India.
Indian Cancer Society
Introduction and Causes of Cervical Cancer

Dr. Sabrina
Associate Professor at MGM College of Health Sciences, Mumbai
Diagnosis and Treatment of Cervical Cancer

Dr. Shashank Dalvi
Hon'able Vice Chancellor
MGMIHS

Dr. Nitin Kadam
Hon'able Pro Vice Chancellor
MGMIHS

Dr. Mansee Thakur
Director of MGM SBS

Committee Members

Secretary
Mrs. Anamika Chalwadi
Program Officer
MGM SBS, NSS Unit

Mr. Subodh Rahate
Assistant Program Officer
MGM SBS, NSS Unit

Ms. Jidnyasa Pawar
B. Optometry 1st Year
NSS Volunteer

Ms. Rubini Utkar
B.Sc. MBIT 1st Year
NSS Volunteer

Link- <https://zoom.us/j/782961384?pwd=N0lMYUlnRVNROU1kVkd1UUFySmYzZ0Rl>

Date: 22nd January 2022
Time: 2:00 pm to 3:30 pm

What is cancer ?

The body is made up of trillions of living cells (जीवकोष)

Normal cells grow, divide to make new cells and die in an orderly manner

In cancer the cells multiply in a haphazard and uncontrolled manner to form abnormal cells

A disease caused by an uncontrolled division of abnormal cells in a part of the body

Loss of Normal Growth Control

Normal cell division: Cell divides in regular manner. Cell division is regular.

Cancer cell division: Cell divides in uncontrolled manner. Cell division is uncontrolled.

Normal cell division: Cell divides in regular manner. Cell division is regular.

Cancer cell division: Cell divides in uncontrolled manner. Cell division is uncontrolled.

WEBINAR ON NATIONAL DEWORMING DAY

MGM SCHOOL OF BIOMEDICAL SCIENCE, NAVI MUMBAI
A constituent unit of MGM INSTITUTE OF HEALTH SCIENCE NATIONAL SERVICE SCHEME (NSS UNIT)

WEBINAR ON NATIONAL DEWORMING DAY

Patrons

Dr. Shashank Dalvi
Hon'able vice chancellor
MGMIHS

Dr. Nitin kadam
Hon'able provice chancellor
MGMIHS

Dr. Mansee Thakur
Director of MGM SBS

Secretary and Speaker
Mrs. Anamika Chalwadi
Program officer
MGM SBS, NSS UNIT

Mr. Subodh Rahate
Assistant Program officer
MGM, SBS, NSS UNIT

National Deworming Day
A Step to Make Every Child in the Country Worm Free.

Committee members-

Mr. Harshad patil
Bsc. Mit 1st year
NSS Volunteer

Ms. Jidnyasa Pawar
B. Optometry 1st year
NSS volunteer

Date- 10 February 2022
Time- 2.15pm to 3.15pm
Link- <https://www.google.com/url?https://zoom.us/j/782961384?pwd=N0lMYUlnRVNROU1kVkd1UUFySmYzZ0Rl>

Harshad Patil (mit-20-03)	Chetana Keri	Kaushabh Pawar
Anamika Chalwadi (mit)	Edgar Theodore	Maithili Raut
TAS Qureshi Amaan	Harshada Sawant OTAT-4	Maseena Rawoof
Abhishek shelar	Harshata Koli	MAYURI POKHARKAR
Ahmad Jaffer mit 14	Hiteshi Koli -OTAT -21-10	Mr. Pratik Morade
Aiman sungu	Isha solankar	Namrata Rathod MDT-21-12
ALFIA ANIS	Jemimah	Nilam Chevan
Almas Rawoof	Jidnyasa Dhanraj Pawar BQptom..	Parthapattin Malakar
Arka	Kartiki Mandavkar	Pravachan Shedge (MLT-20-15)
Cassandra Dsouza	Kaushabh Pawar	Purvas
Chetana Keri	Maithili Raut	Rajarajeshwari palaniappan b op..
Rajarajeshwari palaniappan b op..	Smriti Surve PT 21-02	Tambe aqsa
Rohini Utkar (MRT-20-24)	Sweetkar Patil	Tanaya Patil(MIT-20-17)
Safa Parkar	Tambe aqsa	Vaibhavi Gaikwad (MLT 20 -12)
Samiksha Patil MLT-22	Tanaya Patil(MIT-20-17)	Vaishali kumar shival MDT 21-11
SANJANA MULIK	Vaibhavi Gaikwad (MLT 20 -12)	Vishwani Mhate
Sanmathipriya naidu	Vaishali kumar shival MDT 21-11	Vignesh
Shreya Mhate	Vaishwani Mhate	Mitali Pingale
Shritya	Vignesh	Charalal Shinde (MRT 20-28)
Shruti Pawar	Mitali Pingale	Rashid Anwar Nizamuddin Khan MLT..
Shruti Rasal	Charalal Shinde (MRT 20-28)	Sadhana solanki miti 22
Smiti Mhate MDT 21-08	Rashid Anwar Nizamuddin Khan MLT..	Sushila Prajapati

Government of Maharashtra National Service Scheme 2 Days Youth Leadership Programme for NSS Volunteers - 21-22nd December 2021



Post by Miss Mariyam Shaikh



Post by Miss Ankita Gaikwad




The M.Sc. Clinical nutrition student are actively participating in social media activities of NSI, every month they are posting the blogs under Facebook and instagram page of NSI. This month they have posted blog on world obesity day, plant power day, salt awareness week and measles immunization day

Post by Miss Shravya Karkare



Post by Miss Vaishnavi Yashwantrao



15th August celebration Events at MGMSBS

DAY – 1 (12TH AUGUST) VENUE : RHYTHM-MGMIHS

On day one various event including elocution, singing solo as well as group and dancing solo as well as group the cultural events audition took place at MGM Rhythm Academy – MGMIHS for singing (solo, group and consolation) and dancing (solo, group and consolation) by director Mr. Pramod Sarkate and Mr. Swaraj Sarkate Associate of Director Rhythm, the selected participant's performed on 15th August.



Sr. No.	Event	Name of Student	Song / Topic
1	Elocution	Sanmathipriya Naidu (2 nd Sem B. Optometry)	Unsung heroes of Independence
2	Singing (Solo)	Aabida Shaikh (2 nd Sem B.Sc. MRIT)	Teri Mitti me Mil Jawa
3	Singing (Group)	1. Vaishnavi Kulkarni (1 st Yr M.Sc. Medical Genetics) 2. Tejaswini Tajne (1 st Yr M.Sc. Medical Biotechnology) 3. Pooja Jaiswar (6 th Sem B. Optometry) 4. Tanvi Gadpayle (6 th Sem B.Sc. MRIT)	Luki Chhupi
4	Dance (Solo)	Samiksha Khandagale (2 nd Sem B.Sc. MRIT)	Des Rangeela
5	Dance (Group)	• Amita Kirar (1 st Yr M.Sc. Medical Biotechnology) • Namirata Trivedi (1 st Yr M.Sc. Medical Biotechnology) • Sejal Manodara (3 rd Sem B.Sc. MRIT) • Sonali (B.Sc. Optometry) • Mansi (B.Sc. Optometry)	Song Mash-up: Vande Mataram (ABCD), Challa (URI)

TOUR DE FORCE

The event took place very smoothly and everyone seemed super excited and competitive to get selected for the final day event.



Navi Mumbai, MH, India
Kamothe, Navi Mumbai, 410209,
Lat 19.016342, Long 73.102815
08/11/2022 03:48 PM


Final selected performances were announced the next day.




DAY – 2 (13TH AUGUST) VENUE – MGMSBS - MGMIHS

On this day, events started at 10 am and continued till 4 pm.


Time	Event	Name of Student	Song / Topic
10.00 am to 10:30 am	Essay Writing	Samiksha Khandagale	Vision India: 2050 or Achievements of India after 75 years of independence
		Aarti Misal Harshada Sawant Sanmathipriya Naidu	
	Drawing	Shahida Khan Aarti Misal	Patriotism
		Anagha Mhatre (B.Optomety Intern) Pooja Waghele (2 nd Yr MSc Med Genetics)	
10.30 am to 11:00 am	Elocution	Sanmathipriya Naidu (2 nd Sem B. Optometry)	Unsung heroes of independence
		Supriya Tiwari (3 rd Yr B.Sc. CCT) Shabana Sultan (6 th Sem B.Sc. MLT)	
		Kiran Kakade (3 rd Sem B.Sc. OTAT)	How we got Independence? India Today
11.00 am to 11:30 am	Singing (Solo)	Aabida Shaikh (2 nd Sem B.Sc. MRIT) Parthapratim Malakar (2 nd Sem B.Sc.)	Teri Mitti me Mil Jawa Ae Watan (Raazi)
		• Vaishnavi Kulkarni (1 st Yr M.Sc. Medical Genetics) • Tejaswini Tajne (1 st Yr M.Sc. Medical Biotechnology) • Pooja Jaiswar (6 th Sem B. Optometry)	Luki Chhupi
11.30 am to 12.30pm	Singing (Group)	• Fardeen Khan • Sujit Achukumar • Parthapratim Malakar	
		Samiksha Khandagale (2 nd Sem B.Sc.MRIT)	Des Rangeela
11.30am to 12.30pm	Dance (Solo)	Sejal Manodara (3 rd Sem B.Sc. MRIT) Saadia Thakur	Sandese aote hai (Female) Des Rangeela mash-up
		Sakshi Nivangune (1 st Sem M.Sc. Med.Biotechnology)	Salaam India mash-up
	Dance (Group)	• Aarti Misal (2 nd Sem B.Sc. MLT) • Harshada Sawant (2 nd Sem B.Sc. MLT)	Mash-up: India wale, Sabse aage honge Hindustani
		• Sejal Manodara (3 rd Sem B.Sc.MRIT) • Sonali Surve (M. Optometry) • Rutuja Chandane (M. Optometry) • Saadia Thakur (B. Optometry)	Song Mash-up: Vande Mataram (ABCD), Jagga Jeetiya (URI), Jai Ho (Slumdog millionaire)




Navi Mumbai, Maharashtra, India
29°C
84°F




Navi Mumbai, Maharashtra, India
29°C
84°F



Navi Mumbai, MH, India
Kamothe, Navi Mumbai, 410209,
Lat 19.017842, Long 73.104907
08/13/2022 03:01 PM



Navi Mumbai, Maharashtra, India
29°C
84°F



Navi Mumbai, Maharashtra, India
29°C
84°F

MGMIHS ANNUAL REPORT 2021-22

DAY - 3 (14TH AUGUST)

VENUE: RESIDENCIES OF STUDENTS AND FACULTIES OF MGMSBS

Wholesomeness and patriotism was seen among people

SR.NO.	Event	Name of Student
1	Har Ghar Tiranga	All students and faculty from MGM SBS



FINAL DAY (15TH AUGUST)

VENUE - MGM CAMPUS, MGMIHS, NAVI MUMBAI

On this day, events by 7.30 am and continued till 11.00 pm. At the entrance, there was a beautiful rangoli, in the presence of a gleeful gathering, flag hoisting was done. Cultural activities such as all the final performances for singing, and dancing took place smoothly. Under the new planet service unit plant saplings were planted to promote green India. The event ended on a good note.

Placards of Independence Quotes

Characters of Freedom Fighters:

1. Jawahriyya Dadarkar - Begum Hazrat Mahal
2. Parthaprastim Malakar - Subhash Chandra Bose
3. Shrushti Chande - Kamaladevi Chattopadhyay



Joint National anthem as per UGC directives



Student welfare

Following the Path of the Mahatma Gandhi's Vision & Mission to spread kindness, Love and Compassion which was shown by our beloved Trustees, of MGMIHS by way of contribution for the Prosthetic hand for Mr Satish Salunkhe B.Sc. MRIT student, MGMSBS NM. The prosthetic support was imported and fitted by Super Motorica company, Moscow Russia. Special thanks to Dr Uttara Deshmukh, Head P& O Dept, MGMIHS, for taking the necessary efforts.





**MGM School of Biomedical
Sciences, Aurangabad.**

NAAC Accredited with Grade A++

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

- To provide basic human science knowledge to the Allied Health Sciences students.
- To impart skills and practical knowledge to students by exploring them to various procedure or practical's.
- To improve their comprehensive skills & applied knowledge.
- **Key facts & Figures:**
- One of the leading schools of Allied health Sciences in Maharashtra.
- Well equipped laboratories with focus on new-age equipment.
- Highly qualified faculties.
- Practical training at the on- campus 900 + beds super speciality MGM Hospital.



Dr. Rajesh K. Dase
Director 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 trajectory in developing, designing and delivering of curriculum, training the budding allied health professions to acquire clinical acumen and skills while promoting research relevant to local, regional and national needs. Presently there are very few institutions which impart proper training to the paramedical staff in a protocol-based manner. MGMSBS is committed to providing quality training in the enormous field of paramedical sciences, through the devotion to the academic as well hands on training of the program. Effective delivery of healthcare services depends largely on the nature of education, training and appropriate orientation towards community health of all categories of health personnel, and their capacity to function as an integrated team. MGMSBS presents an education system that goes beyond chalk and talk; it believes in imparting its students the basic and advanced knowledge of a subject as well as the technical details. We, therefore, take every care for the student's bright future and help them to translate their dreams into reality. Dr. Rajesh K. Dase Director School of Biomedical Sciences, Aurangabad [MS], India.

MGM SBS FACULTIES

TEACHING FACULTIES

1

Dr. Rajesh Dase

Director, Phd Statistics

2

Ms. Anugretha Dhanke

Tutor, Msc. Echocardiography

3

Ms.Sujata Walode

Tutor, Msc Operation Theatre
& Anesthesia Technology

4

Ms.Shreya Patange

Tutor, Msc. Dialysis
Technology

5

Mr.Hrishikesh Gaikwad

Tutor, Msc Medical
Laboratory Technology

6

Ms.Kavita Shirodkar

Tutor, Msc. Medical Radiology
& Imaging Technology

7

Ms.Aarti Agrawal

Tutor, Msc Biotechnology

UNDERGRADUATION PROGRAMME

20
INTAKE

B. Optometry
UG Programme

05
INTAKE

BSC. PERFUSION TECHNOLOGY
UG Programme

10
INTAKE

BSC. CARDIAC CARE TECHNOLOGY
UG Programme

30
INTAKE

BSC.MEDICAL LABORATORY
TECHNOLOGY
UG 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

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

POST-GRADUATION PROGRAMME

10
INTAKE

MSC.CLINICAL RESEARCH
PG Programme

02
INTAKE

MSC.MEDICAL RADIOLOGY AND
IMAGING TECHNOLOGY
PG Programme

02
INTAKE

MSC.CARDIAC CARE TECHNOLOGY
PG Programme

02
INTAKE

MSC.MEDICAL BIOTECHNOLOGY
PG Programme

02
INTAKE

MSC.RENAL SCIENCE AND
DIALYSIS TECHNOLOGY
PG Programme

02
INTAKE

MSC.MEDICAL GENETICS.
PG Programme

Duration of UG Programme is 2 Years .
All Programme as per CBCS Pattern.

COPYRIGHTS

1. Application no: L-115878/2022, MS. SHREYA PATANGE.

KNOWLEDGE OF DIALYZER REUSE PRACTICE AMONG MEDICAL AND PARAMEDICAL PROFESSIONALS WORKING IN HEMODIALYSIS UNIT.

23 May 2022

2. Application no: L-117060/2022, Ms. Sujata Walode.

ASSESSMENT OF KNOWLEDGE, ATTITUDE, AND PRACTICES OF CARDIO PULMONARY RESUSCITATION (CPR) AMONG OPERATION THEATRE AND ANAESTHESIA TECHNOLOGISTS IN MAHARASHTRA: A CROSS SECTIONAL STUDY

24 August 2022



PUBLICATIONS

Sujata Walode, Sahil Lahoti,

" ASSESSMENT OF KNOWLEDGE, ATTITUDE, AND PRACTICES OF CARDIO PULMONARY RESUSCITATION (CPR) AMONG OPERATION THEATRE AND ANAESTHESIA TECHNOLOGISTS IN MAHARASHTRA",

IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P-ISSN 2349-5138, Volume.9, Issue 4, Page No pp.95-107, December 2022

COPYRIGHTS

Copyright Office
Government of India

Extracts from the Register of Copyrights

Date: 24/08/2022

1. Registration Number	L-117060/2022
2. Name, address and nationality of the applicant	MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM CAMPUS, SECTOR-1, KAMOTHE, NAVI MUMBAI, INDIA
3. Nature of the applicant's interest in the copyright of the work	OWNER
4. Class and description of the work	LITERARY, DRAMATIC, WORK IT AIMS TO ASSESS THE KNOWLEDGE, ATTITUDE, AND CURRENT PRACTICES OF CARDIO PULMONARY RESUSCITATION AMONG OPERATION THEATRE AND ANAESTHESIA TECHNICIANS IN MAHARASHTRA
5. Title of the work	ASSESSMENT OF KNOWLEDGE, ATTITUDE, AND PRACTICES OF CARDIO PULMONARY RESUSCITATION AMONG OPERATION THEATRE AND ANAESTHESIA TECHNICIANS IN MAHARASHTRA: A CROSS SECTIONAL STUDY
6. Language of the work	ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease	MR. JULATA WALDOR, MGM SCHOOL OF BIOMEDICAL SCIENCES, MGM CAMPUS, S-6 CIDCO, AURANGABAD, INDIA
8. Whether the work is published or unpublished	UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM CAMPUS, SECTOR-1, KAMOTHE, NAVI MUMBAI, INDIA
12. Names, addresses and nationalities of other persons, if any, authorized to assign or license rights comprising the copyright	N.A.
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work, in the case of an architectural work, the year of completion of the work should also be shown.	N.A.
14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (1) of Section 45 of the Copyright Act, 1957.	N.A.
15. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details.	N.A.
16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000 whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced.	N.A.
17. Remarks, if any	5626/2022 CDL 16/05/2022 16/05/2022

Copyright Office
GOVT OF INDIA
Registrar of Copyrights

Copyright Office
Government of India

Extracts from the Register of Copyrights

Date: 23/05/2022

1. Registration Number	L-115878/2022
2. Name, address and nationality of the applicant	MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM CAMPUS, SECTOR-1, KAMOTHE, NAVI MUMBAI, INDIA
3. Nature of the applicant's interest in the copyright of the work	OWNER
4. Class and description of the work	LITERARY, DRAMATIC, WORK IT AIMS TO ASSESS THE KNOWLEDGE OF DIALYZER REUSE PRACTICE AMONG ALL THE MEDICAL AND PHARMACEUTICAL PROFESSIONALS WORKING IN HEMODIALYSIS UNIT.
5. Title of the work	KNOWLEDGE OF DIALYZER REUSE PRACTICE AMONG MEDICAL AND PHARMACEUTICAL PROFESSIONALS WORKING IN HEMODIALYSIS UNIT.
6. Language of the work	ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease	MS. SHREYA PATANGE, MGM SCHOOL OF BIOMEDICAL SCIENCES, MGM CAMPUS, S-6 CIDCO, AURANGABAD, INDIA
8. Whether the work is published or unpublished	UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI, MGM CAMPUS, SECTOR-1, KAMOTHE, NAVI MUMBAI, INDIA
12. Names, addresses and nationalities of other persons, if any, authorized to assign or license rights comprising the copyright	N.A.
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work, in the case of an architectural work, the year of completion of the work should also be shown.	N.A.
14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (1) of Section 45 of the Copyright Act, 1957.	N.A.
15. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details.	N.A.
16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000 whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced.	N.A.
17. Remarks, if any	5626/2022 CDL 16/05/2022 16/05/2022

Copyright Office
GOVT OF INDIA
Registrar of Copyrights

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 & Critical Care Pvt Ltd, Abad
5. Titan Eye Plus Kalpataru Enterprises Aurangabad

FACULTY DEVELOPMENT PROGRAM

Faculty participation in one month virtual FDP Program on SHIKSHA 2.0 unleashing the latent potential in higher education institutions (HEIs) from 18th June to 17th July organized by Human Resource Development Centre (HRDC) Sri Sri University, Cuttack, Odisha



Faculty participation in one month virtual FDP Program on SHIKSHA 2.0 unleashing the latent potential in higher education institutions (HEIs) from 18th June to 17th July organized by Human Resource Development Centre (HRDC) Sri Sri University, Cuttack, Odisha



AWARDS

Ms. Kavita Shirodkar won first prize for the presentation entitled Computed Tomography Volumetry of Pancreas in Type 2 Diabetes in the session of Cerebrospinal Disorder Students at International Multidisciplinary Rehab E- Conference 2022 organized by MGM School of physiotherapy, Aurangabad and Association for Clinical Neurology and Mental Health (ACNM) on 26th & 27 Feb 2022



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 finding better career opportunities.

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



OBESITY SCREENING

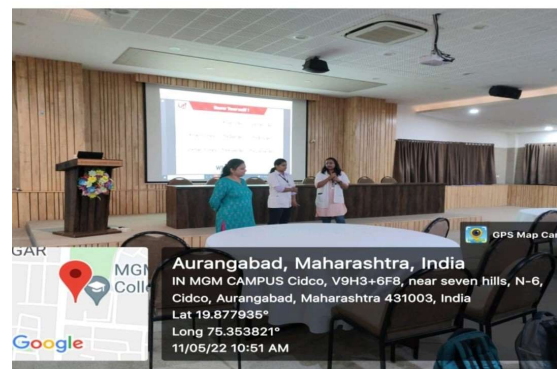
MGM OLYMPICS



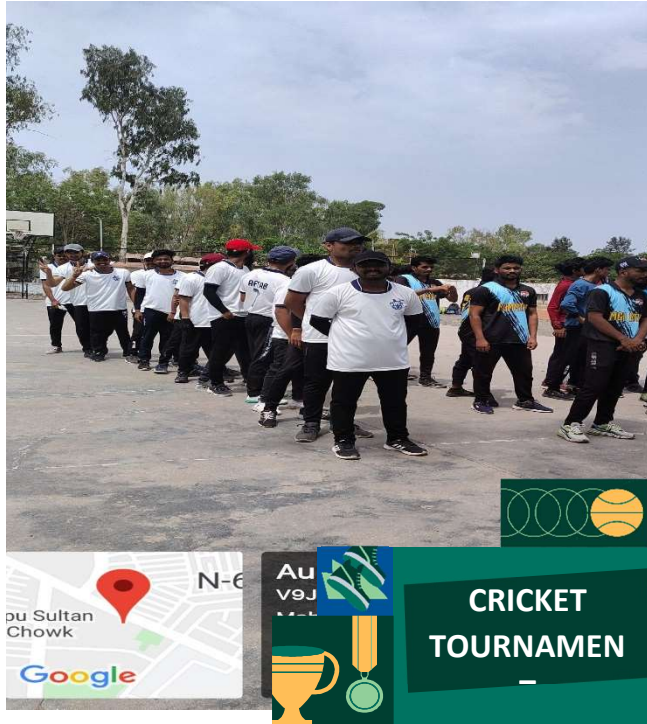
FUTURE PARAMEDICALS IN VARIOUS FIELD



THREE DAYS WORKSHOP ON PERSONALITY DEVELOPMENT BY GTT



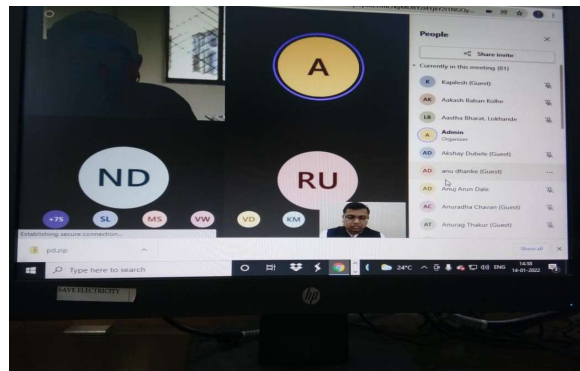
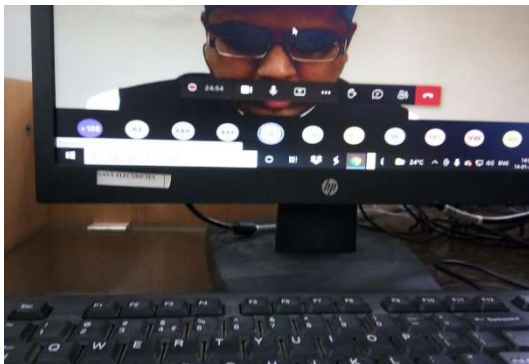
MGMIHS ANNUAL REPORT 2021-22



PLACEMENT BY TITAN EYE PLUS PVT LTD



WEBINAR ON FUTURE ASPECTS OF ALLIED HEALTHSCIENCES



PERSONALITY DEVELOPMENT WEBINAR

PRABHAT PHERI IN MGM CAMPUS -INDEPENDENCE





**MGM Institute's University Department of
Prosthetics and Orthotics**

NAAC Accredited with Grade A++

PRINCIPAL'S MESSAGE:



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 Institutions Innovation Council (IIC) at MGMIHS, which itself is governed by the MHRD. Research and innovation is an integral part of our academics. The institute also promotes student exposure towards National and International Level Conferences by encouraging them to present papers and posters in the same. Besides this, the industry –academia relationship is blooming by the industrial visits of our students to different 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.

In this year our unit have planned two days' National Conference on December 2022, approved by Rehabilitation Council of India, a government statutory body under the Ministry of Social Justice and Empowerment, at MGM Institute of Health Sciences campus, Navi Mumbai, Maharashtra in collaboration with Indian Association of Assistive Technologists (IAAT).

ACADEMIC COURSES RUN

Sr. No.	Name of the Institution	Level of course	Course name	Intake capacity	Students admitted
1.	MGM Institute's University Department of Prosthetics and Orthotics	Under Graduate	Bachelor's in Prosthetics and Orthotics	25	4

TEACHING FACULTIES

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

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	Demonstration of Bionic Hand Technology to Students & Faculty of MGMIUDPO.
2.	MGM Institute's University Department of Prosthetics and Orthotics	Motivational Talk by Dr. Akshay Chavan
3.	MGM Institute's University Department of Prosthetics and Orthotics	IIC Event- Motivational Session by Successful startup-entrepreneur
4.	MGM Institute's University Department of Prosthetics and Orthotics	Demonstration of High-tech Myoelectric Technology to students and Faculty of MGMIUDPO
5.	MGM Institute's University Department of Prosthetics and Orthotics	IIC Event – Lean Start-up & Minimum Viable Product / Business – Mentoring Session
6.	MGM Institute's University Department of Prosthetics and Orthotics	Demonstration of Visphala Advanced Prosthetic Hand Technology to Students.
7.	MGM Institute's University Department of Prosthetics and Orthotics	ALIMCO Assessment camp at MGMIUDPO
8.	MGM Institute's University Department of Prosthetics and Orthotics	ALIMCO Aids & Appliances Distribution camp at MGMIUDPO

DETAILS OF NON-TEACHING PERSONNEL OF THE INSTITUTE

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

LIBRARY

Sr.No.	No. of Books		No. of Journals		
	Text Books	Reference Books	National	International	E-Journals
1	24	-	01	01	-

LIBRARY BOOK DETAILS

List of Books on Orthotics & Prosthetics

Sr. no.	Author	Title	Edition	Year	Qty
1.	HSU JD	AAOS ATLAS OF ORTHOSES & ASSISTIVE DEVICES	4TH EDN	2008	1
2.	MAY, BJ	AMPUTATIONS & PROSTHETICS : A CASE STUDY APPROACH	2ND EDN.	2002	5
3.	BRADDON RL	HANDBOOK OF PHYSICAL MEDICINE & REHABILITATION		2004	3
4.	LUSARDI MM	ORTHOTICS & PROSTHETICS IN REHABILITATION	3RD EDN	2013	1
5.	MCKEE, P	ORTHOTICS IN REHABILITATION: SPLINTING THE HAND & BODY		1998	1
6.	EDELSTEIN J E	ORTHOTICS: A COMPREHENSIVE CLINICAL APPROACH		2004	1
7.	CHINNATHURAI R	SHORT TEXTBOOK OF PROSTHETICS & ORTHOTICS		2010	1
8.	ROWE, FJ	CLINICAL ORTHOPTICS		1997	1
9.	TURCO, V.J.	CLUBFOOT.		1981	1
10.	ADAMS, MA	BIOMECHANICS OF BACK PAIN	3RD EDN.	2013	1
11.	BERTA, BOBATH	ADULT HEMIPLEGIA: EVALUATION AND TRATEMENT	3RD EDN.	2002	1
12.	BHARGAVA, N. N.	BASIC ELECTRONICS & LINEAR CIRCUITS		1984	1
13.	BHUSHAN V	INTRODUCTION TO SOCIOLOGY: INCLUDING OBJECTIVE QUESTIONS	XLLII EDN	2008	1
14.	BOLE, S.V.	EARLY MANAGEMENT OF CEREBRAL PALSY INCLUDING CHILDREN WITH DEVELOPMENT DELAYS	1ST EDN.	2007	1
15.	BRADDON RL	PHYSICAL MEDICINE & REHABILITATION	3RD EDN	2007	1
16.	BRAMMER CM	MANUAL OF PHYSICAL MEDICINE & REHABILITATION	1ST EDN	2002	1
17.	CAILLIET R	FOOT & ANKLE PAIN	3RD EDN	2005	1
18.	CAILLIET R	KNEE PAIN & DISABILITY	3RD EDN	1992	1
19.	CAILLIET R	LOW BACK PAIN SYNDROME	4TH EDN	1988	1
20.	CAILLIET R	NEXK & ARM PAIN	3RD EDN	1992	1
21.	CAILLIET R	SHOULDER PAIN	3RD EDN	2005	1
22.	CAILLIET, R	HAND PAIN & IMPAIRMENT	3RD EDN.	1992	1
23.	CAILLIET, R	SOFT TISSUE PAIN & DISABILITY	2ND EDN.	1992	1
24.	CREPEAU EB	WILLARD & SPACKMAN'S OCCUPATIONAL THERAPY	11TH EDN	2009	1
25.	ENDERLE JD	INTRODUCTION TO BIOMEDIACAL ENGINEERING	3RD EDN	2012	1
26.	HAMILL J	BIOMECHANICAL BASIS OF HUMAN MOVEMENT	3RD EDN	2009	1
27.	HICKS, C.M.	RESEARCH METHODS FOR CLINICAL THERAPISTS: APPLIED PROJECT DESIGN & ANALYSIS	4TH EDN.	2004	1
28.	HUNG GK	BIOMEDICAL ENGINEERING PRINCIPLES IN SPORTS		2004	1
29.	KAPANDJI, I. A.	PHYSIOLOGY OF THE JOINTS, VOLUMS. 3	2ND EDN.	1974	1
30.	KAPANDJI, I. A.	PHYSIOLOGY OF THE JOINTS: ANNOTATED DIAGRAMS OF THE MECHANICS OF THE HUMAN JOINTS. 2. VOLUMES.	5TH EDN.	1982	2
31.	KRAMER P	FRAMES OF REFERENCE FOR PEDIATIRC OCCUPATIONAL THERAPHY	3RD EDN	2010	1
32.	KUMAR, S.	MCQ'S IN BIOMECHANICS	1ST EDN.	2006	1
33.	LEVANGIE PK	JOINT STRUCTURE & FUNCTION: A COMPREHENSIVE ANALYSIS	4TH EDN	2006	1
34.	LEVANGIE, P.K.	JOINT STRUCTURE & FUNCTION: A COMPREHENSIVE ANALYSIS	3RD EDN.	2001	1
35.	MAGEE DJ	PATHOLOGY & INTERVENTION IN MUSCULOSKELETAL REHABILITATION		2009	1

MGMIHS ANNUAL REPORT 2021-22

36.	MEHTA, V. K.	PRINCIPLES OF ELECTRONICS (FOR DIPLOMA, AMIE, DEGREE & OTHER ENGINEERING EXAMINATIONS)	1ST EDN.	1980	1
37.	MUSCOLINO JE	KINESIOLOGY: THE SKELETAL SYSTEM & MUSCLE FUNCTION	2ND EDN	2011	1
38.	NORDIN, M	BASIC BIOMECHANICS OF THE MUSCULOSKELETAL SYSTEM	3RD EDN.	2001	1
39.	NORDIN, M.	MUSCULOSKELETAL DISORDERS IN THE WORKPLACE: PRINCIPLES AND PRACTICE	2ND EDN.	2007	1
40.	OATIS CA	KINESIOLOGY: THE MECHANICS & PATHOMECHANICS OF HUMAN MOVEMENT	2ND EDN	2009	1
41.	O'YOUNG BJ	PHYSICAL MEDICINE & REHABILITATION	3RD EDN	2008	2
42.	PEDRETTI, L W	OCCUPATIONAL THERAPY: PRACTICE SKILLS FOR PHYSICAL DYSFUNCTION	4TH EDN.	1998	1
43.	PENDLETON HM	OCCUPATIONAL THERAPY: PRACTICE SKILLS FOR PHYSICAL DYSFUNCTION	6TH EDN	2007	1
44.	PRUTHVISH, S.	COMMUNITY BASED REHABILITATION OF PERSONS WITH DISABILITIES	1ST EDN.	2006	1
45.	RANGWALA RT	PRACTICE OF REHABILITATION IN ONCOLOGY	1ST EDN	2004	1
46.	ROTHSTEIN J M	REHABILITATION SPECIALIST'S HANDBOOK	3RD EDN	2006	1
47.	SMITH LK	BRUNNSTROM'S CLINICAL KINESIOLOGY	5TH EDN	1996	1
48.	SUNDER S	TEXTBOOK OF REHABILITATION	3RD EDN	2010	1
49.	SUNDER, S.	MCQ'S IN REHABILITATION & MEDICINE	1ST EDN.	2005	1
50.	TRAMBLY, CATHERINE	OCCUPATIONAL THERAPY FOR PHYSICAL DYSFUNCTION	5TH EDN.	2002	1
51.	WILTON J	HAND SPLINTING: PRINCIPLES OF DESIGN & FABRICATION	1ST EDN	1997	2
52.	CHOUDHARY S.K.	ELEMENTS OF WORKSHOP TECHNOLOGY VOL.1&2	13 TH EDN	2006	2
53.	KAPANDJI, A.I.	THE PHYSIOLOGY OF THE JOINTS VOL1,2&3	5 TH EDN	2009	3
54.	PITT-BROOKE	REHABILITATION OF MOVEMENT	1 ST EDN	1998	1
55.	Hsu,JD	AAAS ATLAS OF ORTHOSES AND ASSISTIVE DEVICES	4 TH EDN	2008	1
56.	HAMIL,JOSEPH	BIOMECHANICAL BASIS OF HUMAN MOVEMENT	4 TH EDN	2015	1
57.	HALL,SUSAN	RESERCH METHODS IN KINESIOLOGY AND THE HEALTH SCINCES	1 ST EDN	2014	1
58.	OATIS,C.A.	KINESIOLOGY	3 RD EDN	2017	1
59.	SOLANKI PV	MCQ'S IN BIOMECHANICS AND OCCUPATIONAL THERAPY IN ORTHOPEDIC CONDITIONS		2010	1
60.	KUMAR NSS & OTHERS	MCQ'S IN BIOMECHANICS		2006	1
61.	ARUN B & OTHERS	MCQ'S IN BIOMECHANICS AND APPLIED ANATOMY		2007	1
62.	GANVIR SD	BIOMECHANICS OF JOINTS		2013	1
63.	BAHL A	BASICS OF BIOMECHANICS		2010	1
64.	AGARWAL AK	ESSENTIALS OF PROSTHETICS & ORTHOTICS		2013	1
65.	NORDIN M	BASIC BIOMECHANICS OF THE MUSCULOSKELETAL SYSTEM	4 th Edn	2012	1
66.	LIPPERT LS	CLINICAL KINESIOLOGY AND ANATOMY	4 th Edn	2007	1
67.	MOW VC	BASIC ORTHOPAEDIC BIOMECHANICS AND MECHANO-BIOLOGY	3 rd Edn	2005	1
68.	GIFU D X	BRODDOMS PHYSICAL MEDICINE AND REHABILITATION		2016	1
69.	LUSARDI,M.M.	ORTHOTRICS AND PROSTHOTRICSIN REHABILITATION		2013	1
70.	BRODDOM	HANDBOOK OF PHYSICAL MEDICINE AND REHABILITATION	1 ST	2004	1
71.	BRAMMER	MANUAL OF PHYSICAL MEDICINE & REHABILITATION	1 ST	2002	1
72.	JEBSON	HAND SECRETS	3 RD	2006	1

Total Books: 84

NO. OF NATIONAL /INTERNATIONAL CONFERENCES/C.R. E ORGANIZED BY THE INSTITUTION: - ONE

CONTRIBUTION IN NATIONAL/INTERNATIONAL CONFERENCES

Sr. No.	Name of the Presenter	Designation	International/ National Conference	Name of the Paper	Mode of Presentation
1.	Dr. Uttara Deshmukh (P&O)	Associate Professor & I/C Principal	National Conference	Dynamic Anticlaw Positioning Splint	PPT presentation via offline mode at OPAI CONFERENCE 2022

VISIT TO THE INSTITUTE BY EMINENT VISITORS/SPEAKERS

Sr. No.	Name of The Eminent Visitors/Speakers	Designation And Name of the Institution	Date	Purpose of Visit
01	Mr. Osden	Co-founder, Robo Bionics	11-12-2021	Demonstration of Bionic Hand Technology to Students.
02	Dr. Akshay Chavan	MPO, Gold Medalist	09-03-2022	Motivational Talk
03	Mr. Anisha Karma	Innovator & social Entrepreneur, Founder – Shukrrab Research Foundation (SRF)	05-02-2022	IIC Event
04	Ms. Valerie	Prosthetist & Orthotist (Motorica Moscow)	26 -05-2022	Demonstration of High-tech Myoelectric Technology to students
05	Mr. Tarun Kulshreshtha	Director, Head : Business & Operations, College Park Health Care India Pvt.Ltd.	22-06-2022	IIC Event
06	Mr. Priyabrat Swain	Prosthetist & Orthotist (Vispala Prosthetics)	19-07-2022	Demonstration of Vispala Advance Prosthetic Hand Technology to Students.

CRE/WEBINAR/WORKSHOP ACTIVITIES OF MGMIUDPO FOR THE ACADEMIC YEAR 2021-2022

Name: Demonstration of Bionic Prosthetic Hand Technology to the students.

Date: 11th December 2021.

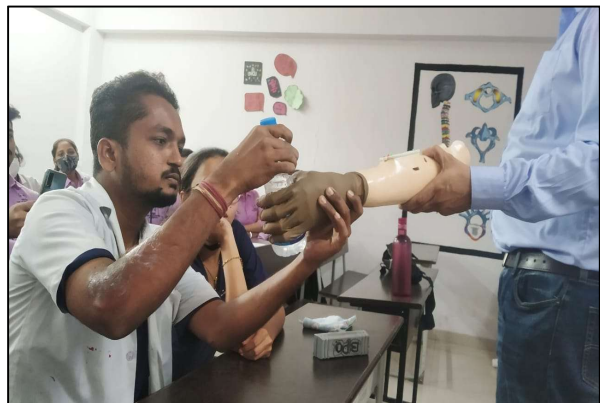
No. of participants: 23 Students and 01 faculty of MGMIUDPO.

Outcome: Myoelectric Prosthetic technology is the most advanced, useful and demanding technology for the rehabilitation of Upper Limb Prosthetic management. To develop the academic industrial relationship, MGM Institute's University Department of Prosthetics & Orthotics organized a session on “**Bionic Hand-Prosthetic Technology**” in association with Robo-Bionics Pvt. Ltd on 11th December 2021 at MGMIUDPO.

The program was started with warm welcome of **Mr. Osden Mascarenhas (Co-Founder & CEO), Robo-Bionics** and explanation about the theme of the program to the students by Dr. Uttara Deshmukh (P&O), In-charge Principal, MGM Institute's University Department of Prosthetics & Orthotics. The program was continued with demonstration by **Mr. Osden**. He proceeded with the demonstration of Bionic Hand Prosthetic function and its working mechanism.

After the demonstration the students interacted with Mr. Osden and he solved all the doubts and gave solution to their queries related to this technology. He also advised about the formation Start-up Company and its management and shared his experience till date.

All students practiced to learn the technology within themselves which was an amazing experience for them. The students and faculties were benefited by upgrading their knowledge through this session.



Name: Webinar on Motivational session by Successful Entrepreneur /Startup founder.

Date: 05th February 2022.

No. of participants: 184 Participants.

Outcome: The event was started with warm welcome to all delegates including dignitaries, students & faculty of MGMIHS and the chief guest of the programme Mr. Aneesh Karma, Innovator & Social Entrepreneur, Founder – Shukrrab Research Foundation (SRF) by Dr. Uttara Deshmukh (P&O), In-charge Principal, MGM Institute’s University Department of Prosthetics & Orthotics.

In the welcome address, Dr. Raman P. Yadav, Convener, Institution Innovation Council, MGMIHS explained about the Innovation Council to popularize innovation among the students and faculty in educational institutes.

The session was continued by Mr. Aneesh Karma. He spoke about his journey from a layman to the start-up founder! He informed that he and his wife are the victims of Polio. Hence they were in search of better quality of life by means of orthotic devices. He continued stating the invention journey of Mechanical Activated Stance Control Knee Ankle Foot Orthosis (M.A.S.C.K.A.F.O.) and start-up of Aumeesh Tech. Pvt. Ltd. which is society of innovation and entrepreneurship specialized in the field of design, development, manufacturing and distribution of assistive devices incubated in SINE and IIT Bombay. During his journey, he has faced many ups and downs but he struggled throughout his life without getting demoralized. In this way Mr. Aneesh inspired the attendees by setting an example in front of all. Also he has proven the proverb, “Necessity is the mother of Invention”.

Finally, Hon’ble Vice Chancellor Dr. Shashank D. Dalvi appreciated the efforts made by Mr. Aneesh Karma for his start-up and assuring that his story would definitely motivate our participants.

Lastly Dr. Ravi Barela (P&O) concluded the program by giving a vote of thanks to MGM Management, faculties, students and all delegates including the IT department and Mr. Aneesh Karma.

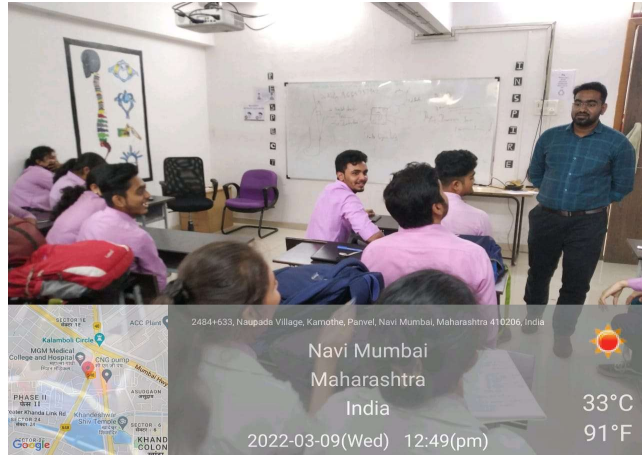


Name: Motivational Guest lecture by Dr. Akshay Chavan.

Date: 09th March 2022.

No. of participants: 22 students & 01 faculty of MGMIUDPO.

Outcome: Dr. Uttara Deshmukh (P&O) gave a warm welcome to Dr. Akshay Chavan, MPO, Gold Medalist followed by acknowledgement statement by her in which she shared about the achievements Mr. Akshay with students.



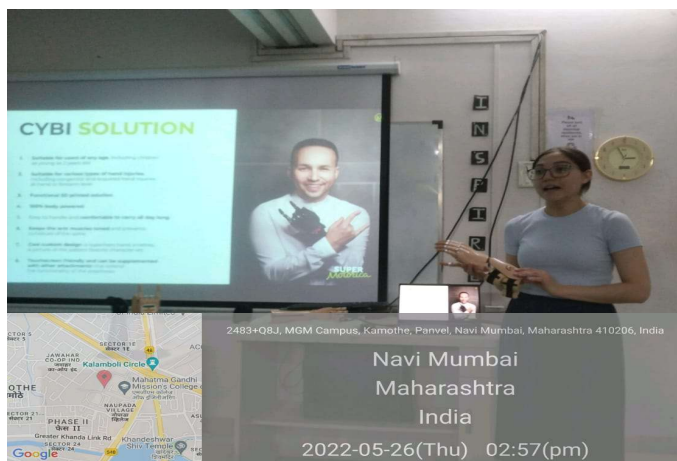
The session started with students' interaction about their perception regarding P&O field, then a questionnaire session was taken by Dr. Akshay Chavan in which he questioned about advancement of Prostheses and Orthoses, also clarified the doubts of the students regarding the same. After that he provided guidance and basic skills requirement for the beginning of the start-ups.

Overall the session was very interactive and informative to all students in which the students learned about the facilities of Government of India for the benefits of them.

Workshop on Myoelectric Technology at MGMIUDPO.

Date: 26th May 2022.

No. of participants: 16 students and 01 faculty of MGMIUDPO.



Outcome: MGMIUDPO organized a one-day Workshop on Myoelectric Technology to demonstrate practical knowledge of various parts and assembling of Myoelectric Prosthesis and to educate students about fitment of Myoelectric Prosthesis to the patients with Motorica India Pvt. Ltd. and Surehab Pvt. Ltd. In which Mr. Nabil Ahmed from Motorica demonstrated the technology of “Myoelectric Prosthesis” and its function to the students and Mr. Nitin Bagade from Surehab Pvt. Ltd demonstrated the

assembling and disassembling of Myoelectric Prosthesis to students. Lastly Mr. Mahen Pitale the Ambassador of Motorica, shared his own story and experience with the prosthesis.

The workshop session was overall beneficial for all.

Lean Start-up & Minimum Viable Product / Business Mentoring Session – IIC Event.

Date: 22nd June 2021.

No. of participants: 36 Participants



Outcome: MGMIUDPO invited Mr. Tarun Kumar Kulshreshtha, Director, Head: Business & Operations, College Park Healthcare India Pvt. Ltd. in an Institutional Innovation Council (IIC) Activity which was organized by the institute. In the session during the interaction with students he elaborated his own life journey in the Prosthetics & Orthotics field. Also he explained about the initiation of Startup, with minimum viable products/business. He explained about the

difference between startup and traditional business also its pros and cons and finally he concluded with the journey of College Park company in India and USA.

Demonstration of Vispala Prosthetic Hand technology at MGMIUDPO.

Date: 19th July 2021.

No. of participants: 24 students, 1 faculty of MGMIUDPO.

Outcome: Vispala Technologies is a medical device manufacturing company headquartered in Kolkata, India. It manufactures and designs Prosthetic, Orthotic and Assistive Robotic Devices for differently abled people.

Mr. Priyabrata Swain from Vispala Technologies visited MGM Institute’s University Department of Prosthetics and Orthotics for demonstration of Prosthetic hand technology to all the students and faculty. He demonstrated the Mechanical and Electronic prosthetic hand which is working through Bluetooth switch operated system.

He also demonstrated about the prosthetic hand which is operated by Mechanical and Electronic power system to all students. Students from all batches asked various questions about the working principle of the hand. Mr. Priyabrata cleared each and every doubt of students with proper justifications.

Overall the session was beneficial to all students. They learned about the high-tech P&O technologies apart from the conventional and myoelectric technologies which would be beneficial for them in future professional field.



NSS ACTIVITIES OF MGMIUDPO FOR THE ACADEMIC YEAR 2020-2021

Unnat Bharat Abhiyan Villages-2021, Locomotor Disability Survey.

Date: 18th November 2021 to 18th December 2021.

No of participants: 40 students and 01 faculty of MGMIUDPO.



Outcome: MGMIUDPO had conducted Locomotor Disability Survey under Unnat Bharat Abhiyan Scheme, in which the students of MGMIUDPO conducted survey of villages which are adopted by MGM Institute of Health Sciences. By this survey 51 patients with various types of disabilities were identified and later the department gave various types of prostheses and orthoses devices to them.

Students Participation in 06th MGM Olympic 2021.

Date: 1st – 3rd December 2021.

No of participants: 11 students and 01 faculty of MGMIUDPO.

Outcome: 11 students and 01 faculty of MGMIUDPO had participated in 06th MGM Olympic -2021, which was organized at Chhtrapati Shambhaji Nagar, MGM Campus. Students participated in various sports events.

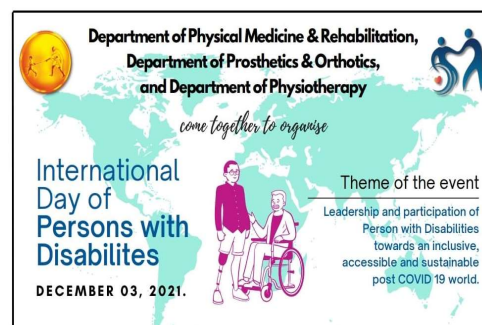


Celebration of International Day for Persons with Disability -2021.

Date: 03rd December 2021.

No of participants: 113 attendees (faculties, students and patients)

Outcome: On the occasion of International Day for Persons with Disability, MGMIUDPO, MGMSOP & Department of Community Medicine of MGMIHS celebrated this day with patients. All the department organizes various types of sports and cultural events in which patients participated and won prizes.



Blood Donation Camp-2022 on the occasion of World Health Day -2022

Date: 09th April, 2022

No of participants: 06 students and 02 faculties of MGMIUDPO.

Outcome: On the occasion of World Health Day -2022, the event was organized by NSS Unit of MGMIUDPO. Blood donation is an important humanity service to the society. With this motto 02 faculties and 06 students of MGMIUDPO donated Blood to MGM Blood Bank.



76th Independence Day Celebration, “Azadika Amrit Mahotsav” at MGMIHS.

Date: 15th August 2022

No of participants:18 Students and 04 faculties of MGMIUDPO.



Outcome: On the occasion of this auspicious day many students of MGMIUDPO participated in Prabhat pheri and in Tree Plantation Programme with other students of MGMIHS. After that institute distributed various types Prostheses and Orthoses to Divyangjan under Unnat Bharat Abhiyan Scheme. Lastly students of all constituent Unit Performed a skit on the theme “Tribute to Indian Army” which was praised by everyone.

EXTENSION ACTIVITIES ORGANIZED BY MGMIUDPO

Basic Course on the use of LTTP material in rehabilitation

Date: 18th January 2021.

No of participants: 03 students and 01 faculty of MGMIUDPO.

Outcome: Dr. Pratiksha Shelar, Demonstrator, and 03 students of MGMIUDPO had participated in this one-day course which was organized by Dr. Mukesh Doshi, Director of POCL Pvt. Ltd. in which all participants got exposure to various types of High-tech Thermoplastics equipment used for rehabilitation.



Industrial Visit to Proactive India Pvt. Ltd

Date: 18th February 2022



No of participants: 27 students and 01 faculty of MGMIUDPO, 08 students from MGM New Bombay college of Nursing, 04 Students from MGM School of Physiotherapy.

Outcome: An educational visit was conducted on 18th February 2022 at Proactive Orthopedic Pvt. Ltd at Nigdi, Pune. They have three main offices at Nigdi and the workshop which is located at Bhovse Industry which about 5km from Nigdi. Students were educated about different

types of Prosthetic & Orthotic components like foot pieces, adaptors, such as Double mouth adaptors and Pyramid socket adapters.

Proactive have a production of about 200 kits per month which give students experience of handling of mass production. Also students had seen working mechanism of Drilling Machine, Milling Machine, and lathe machine. In conclusion, industrial visit enhanced the knowledge and provided clearance about many aspects.

OPAI Conference -2022.

Date: 28th, 29th & 30th March 2022.

No of participants: 28 Students and 01 faculty of MGMIUDPO.

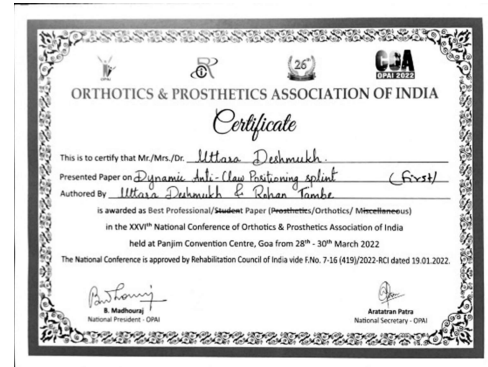
Outcome: 26th National Conference was organized by Orthotics Prosthetics Association of India (OPAI) at Goa. Students and faculty of MGMIUDPO had presented various posters and paper project in front of judges, which was appreciated by all. Mr. Tejas and Ms. Sana got best student award and Ms. Afra awarded as 2nd Best Prize in Orthotic Paper presentation category.

**BEST STUDENT AWARD (2020-2021)
Mr. Tejas Pandit.**



MGMIHS ANNUAL REPORT 2021-22

BEST STUDENT AWARD (2020-2021)
Mr. Tejas Pandit.



Faculty development programme organized by SRI SRI University.

Date: 18th June 2022 to 16th July 2022. (One Month)

No of participants: 03 faculties of MGMIUDPO

OUTCOME: The Human Resource Development Centre of Sri Sri University had organized a One-month faculty development programme for various educational institutes of India.

MGM Institute of Health Sciences (MGMIHS) being a prominent health science university of Maharashtra & India, sponsored this programme for MGM Institute's University Department of Prosthetics and Orthotics (MGMIUDPO) is a constituent unit of MGMIHS and other constituent units participated in this event.

5 faculties of MGM Institute's University Department of Prosthetics & Orthotics had attended the programme from 18th June – 16th July 2020.

In the one-month programme all faculty gained knowledge on various topics like Uses of Canva, how to make PowerPoint presentation, how to write a book, how to publish a paper in various journals also about Data analysis through SPSS, Intellectual property rights and various other topics from eminent faculty of various institutes of India.

On the last day i.e. on 16th July 2022 valedictory session was organized in which Vice-Chancellor of Sri Sri University, Prof B.R Sharam had joined the programme & shared his views about the faculty development programme. Large number of participants also shared their feedback.

Lastly all faculty of MGMIUDPO received the E-certificate of faculty development programme.



MGMIHS NSS UNIT

MGMIHS NSS UNIT

Introduction:

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 Name	Date of advisory Committee (2019-2020)	Self Finance NSS Unit				
		NSS strength allocated in 2019-20 Self Finance	No of Self Finance Units	Male	Female	Total
MGM Institute of Health Sciences	---	500 (300 MGM NM + 200 MGM Aurangabad)	01	203(40.6)	293 (58.6)	496 (99.2)

Actual Enrollment of NSS Volunteers of Constituent colleges under MGMIHS NSS Unit :					
Constituent MGMIHS Colleges	of	Allotted Volunteers by Higher Technical Education	Actual Registration of NSS Volunteers		
			Male	Female	Total
MGM MC, Navi Mumbai		143	70	73	143
MGM, SBS, Navi Mumbai		80	20	60	80
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, Swachataa 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 & awareness drive for the community
- Health Education on Common ailments in community with the help of Role play, IEC, songs, video, street plays & Rallies
- Social Networking with stake holders like Surpanch, Community Members, and Health teams in Public Health Sectors for better implementation of National 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

Different Activities conducted under NSS Nov 2021 to Aug 2022

Activities	Total No	NSS Volunteers Involved	Total Beneficiaries
Tree Plantation	04	127	300-400 samplings are planted in the MGM Campus
Blood Donation Camp	29	237	1406 Blood units are collected
Yoga Training	19	707 (through from April 22 to June 22)	1800 students & staff
Pulse polio Immunization	05	405	1302 under 5 Children are benefitted
Health education Rallies	02	54	500, Nere, community
Street plays	04	85	925 pts and community people
Swachata Bharat Abhiyan , cleaning of garbage & tree plantation in surrounding area	03	50	500 villagers of Dhodani & Nere
Self defence training for girls	02	154	154 Learnt the practical skills of self defense
Self defence training for women in community	01	04	100 Learnt the practical skills of self defense

Celebration of important days since Nov 2021 to Aug 2022:

Activities	Total No	NSS Volunteers Involved	Beneficiaries
Maharashtra Divas celebration	05	175	500
130 th Birth Anniversary of Dr Baba Saheb Ambedkar	05	185	300
Road Safety Campaign	5	154	500
Shiv Swaraja Day celebration	1	40	50
Rabindranath Tagore Jayanti	1	5	50
WHO Day Celebration	03	124	100
Marathi Rajbhasha Day on 29 Feb 2022	08	175	500
International Women's Day on 8/03/2022	02	39	500
Health Camps	5	52	1600
IEC activities on important Public Health Problems	35	856	3000



Glimpses of activities Done by MGMIHS NSS Unit

Fit India movement on 15th Aug 2022 : Azadi ka Amrut Mahotsava (Har Ghar Tiranga 2022)

9

The main purpose of the programme is to create awareness in students mind about physical fitness and in turn they will motivate others for maintaining Good Health. 300 NSS volunteers are participated in this activity



Pulse Polio Immunization:

8



Tree Plantation & environment day sensitization activity in Catchment area of dept of Community Medicine in June to Aug 22

7





Name of Awardee: Dr. Bhavna Pramod Joshi (NSS Program Officer, MGM Medical College, Chh. Sambhajinagar)

Name & Year of Award: NSS Karamveer Award, 2021

Awarding Agency Name: Krisha Foundation



Future Plan of MGMIHS NSS Unit:

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



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

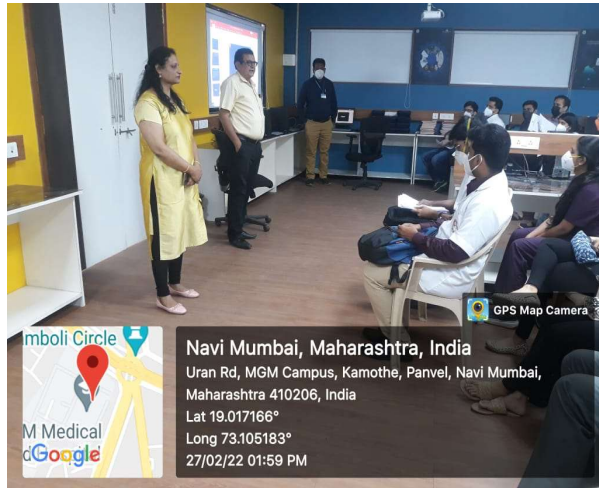
1) A “**Sensitization workshop on Medical Ethics**” was conducted by **Dr. Mrunal Pimparkar**, Secretary cum Nodal Officer (Navi Mumbai campus), MGMIHS Bioethics Unit, Navi Mumbai, on **3rd February 2022**, for first batch of First year PG (MD/MS) students admitted in 2021 batch, during their PG Induction Programme organized by Medical Education Unit, MGM Medical College, Navi Mumbai. The Total no of PG students who participated in first batch of workshop were 26.

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 appreciated the workshop 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 Medical Ethics” for first batch of First year PG (MD/MS) students admitted in 2021 batch, during PG Induction Programme on 3rd February 2022

- 2) A “**Sensitization workshop on Medical Ethics**” was conducted on **27th February 2022**, for second batch of First year PG (MD/MS) students admitted in 2021 batch, by **Dr. Mrunal Pimparkar**, Secretary cum Nodal Officer, MGMIHS Bioethics Unit, Navi Mumbai, during their PG Induction Programme organized by Medical Education Unit, MGM Medical College, Navi Mumbai. The Total no of PG students who participated in workshop were 74. The PG students were sensitized about Principles of Medical ethics. The students deliberated on various case scenarios highlighting ethical dilemmas in Medicine and health care. The students found the session very informative and interactive.



Dr. Mrunal Pimparkar, Secretary cum Nodal Officer, MGMIHS Bioethics Unit, Navi Mumbai conducting “Sensitization workshop on Medical Ethics” for second batch of First year PG (MD/MS) students admitted in 2021 batch, during PG Induction Programme on 27th February 2022



UNNAT BHARAT ABHIYAN NAVI MUMBAI

UBA Coordinator’s Name: Dr. Prasad Waingankar / Dr. Rajesh Goel

Email: hodpsmmgmmcnm@gmail.com / registrar@mgmuhs.com

Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	Dhamni <ul style="list-style-type: none"> • Mothi Dhamni • Lahaan Dhamni • Hausachiwadi 	Panvel	Raigad
2	Dhodani <ul style="list-style-type: none"> • Dhodani • Pimplewadi • Chinchwadi 		
3	Dehrang <ul style="list-style-type: none"> • Dehrang • Bapdevwadi 		
4	Tawarwadi <ul style="list-style-type: none"> • Tawarwadi • Satichiwadi • Kombaltekdi • Kondichiwadi • Maldunge • Tadpati 		
5	Waghachiwadi		

List of Activities:

1. General Health check-up
2. Immunization
3. Special activities
4. ANC & PNC

ACTIVITY 1: GENERAL HEALTH CHECKUP

Title of the Activity: - GENERAL HEALTH CHECKUP CAMP:

- **DHODANI** (05-01-2022) (28-02-2022) (04-05-2022), (08-07-2022), (08-08-2022)
- **DHAMINI** (06-01-2022) (22-03-2022) (08-04-2022) (19-04-2022), (02-05-2022) (04-07-2022) (01-08-2022)
- **DEHRANG**(17/02/2022) (13-06-2022),
- **KOMBALTEKDI** (13-04-2022)
- **WAGHACHIWADI** (22-04-2022) (06-05-2022) (03-06-2022) (01-07-2022) (05-08-2022)
- **TAWARWADI** (27-04-2022) 05-05-2022), (02-06-2022) (02-08-2022),
- **MALDUNGE** (30-04-2022)
- **HOUSECHIWADI** (04-07-2022) (01-08-2022)
- **BAPDEWADI AND KONDECHIWADI** (11-07-2022).

Need of the Activity:

Accessible general health care, availability of primary health care at the door step for 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 health facilities 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: - 600

ACTIVITY 2: IMMUNISATION CAMP:

- **DHODANI** (05-01-2022) 04-05-2022), (8-7-22), (8-8-22)
- **TAWARDWADI** (18-02-2022) (07-04-2022) (05-05-2022) (02-06-2022) (02-08-2022)
- **DHAMINI** (24-02-2022) (04-04-2022) (02-05-2022), (04-07-2022) (01-08-2022)
- **CHINCHWADI** (17-03-2022)
- **WAGHACHIWADI**(01-04-2022) (06-05-2022)(03-06-2022) (01-07-2022) (05-08-2022)
- **MALDUNGE** (07-04-2022)
- **KOMBALTEKDI** (13-04-2022)
- **DEHRANG** (13-06-2022)
- **HOUSECHIWADI** (04-07-2022) (01-08-2022)
- **BAPDEWADI AND KONDECHIWADI** (11-07-2022)

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: 508

ACTIVITY 3: SPECIAL ACTIVITIES

1. NCD and Substance Abuse survey was conducted at Dhamani with 9 beneficiaries (06-01-2022)
2. 73rd Republic day was celebrated at Gram Panchayat, Maldunge (26-01-2022)
3. ROAD TRAFFIC SAFETY: STREET PLAY 18/02/2022
4. CAPACITY BUILDING ACTIVITY FOR ASHA WORKERS 22/02/2022
5. YOUTH SENSITIZATION AND EMPOWERMENT FOR PROACTIVE INHEALTH SEEKING BEHAVIOUR 28/02/2022

Title of the Activity: NUTRITIONAL COUNSELLING AND CHECK UP 28/02/2022

Title of the Activity: International Women Day CELEBRATION AT PHC NERE WITH ASHA WORKER (09/03/2022)

Title of the Activity: CERVICAL CANCER SCREENING CAMP (22/03/2022)

Title of the Activity: WORLD WATER DAY (23/03/2022)

Title of the Activity: COVID 19 VACCINATION CAMP FOR ADOLESCENT AT SCHOOL (24/03/2022)

Title of the Activity: World Health Day-Drawing Competition at Primary School Dehrang (01-04-2022)

Title of the Activity: WORLD CANCER DAY 04/04/2022

Title of the Activity: World Health Day-Drawing Competition & primary School Health Check-up at Primary School Dhamni (08-04-2022)

Title of the Activity: School Health Check-up and Earth Day – Drawing Competition at Wagachiwadi (22-04-2022)

Title of the Activity: Family Planning Camp (27-04-2022)

Title of the Activity: MJPJAY camp at Maldunge (30-06-2022)

Title of the Activity: Multi speciality camp (23-05-2022 to 31-05-2022) of 1193 pt.

Title of the Activity: International Yoga Day Celebration 21/06/2022

Title of the Activity: SEARCH Foundation visit and presentation on UBA (08-06-2022)

Title of the Activity: Doctors day celebration (01-07-2022)

Title of the Activity: World Population Day (11-07-2022)

Title of the Activity: Multispeciality Camp at Chiple (Ashram School) (19-07-2022)

Title of the Activity: GENERAL HEALTH CAMP AT Nere School (28-07-2022)

Title of the Activity: Celebration of Breast-feeding week (03-08-2022)

Title of the Activity: International Indigenous Population Day (10-08-2022)

Title of the Activity: Nasha Mukht Abhiyan Program (12-08-2022)

Title of the Activity: Rally by Zilla Parishad School Students (12-08-2022)

Title of the Activity: Har Ghar Tiranga Karyakram (13-08-2022)

Title of the Activity: Azadi Ka Amrit Mohotsav (15-08-2022)

Title of the Activity: ‘Students Participation in evaluating Government Schemes’ UBA Webinar (29-08-2022)

ACTIVITY 4: ANC AND PNC CHECK UP CAMP

Title of the Activity: ANC HEALTH CHECK UP CAMP

KALAMBOLI: (19-01-2022), (28-02-2022), (16-03-2022), (20-04-2022), (18-05-2022), (15-06-2022), (20-07-2022),(17-08-2022),

TAWARWADI (16-02-2022),

Need of the Activity: Provide essential maternal and child health services for women and children in tribal communities.

Brief Description (Need/Impact/Action/Picture (if any)): Door to door visits with the help of anganwadi workers, women are enquired about the well-being of their baby and themselves, 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 advice is given.

ACTIVITY 4: COVID 19 VACCINATION

Title of the Activity: COVID 19 ADOLESCENT VACCINATION AT:

DEHARANG (17/02/2022)

DHAMNI (28/02/2022)

TOTAL BENEFICIARIES: - 177



GENERAL HEALTH CHECK UP



ANC-PNC CHECK UP





Multi Specialty Camp



MJPJAY Camp at Maldunge



Selfie to Save: By National Water Mission

UNNAT BHARAT ABHIYAN ACTIVITIES FOR AZADI KA AMRIT MAHOTSAV (12/08/22 – 15/08/22)

Azadi ka Amritmahotsav program, was celebrated with enthusiasm and pride across the institutes. A general planning meeting was held on 01.08.2022 by Hon'ble Vice Chancellor Sir in MGM Auditorium where in all the institutional Head of the Departments along with the officials were present for the meeting to organize special events for Azadi ka Amrit Mahotsav.

A follow-up meeting was taken on 01.08.2022 and 03.08.2022 to finalize the activities under Azadi ka Amrit Mahotsav.

As per the discussion, the following were the activities decided for Azadi ka Amrit Mahotsav under the UBA in campus as well as in the adopted villages.

After the events were finalized, the budget required to conduct the events was prepared and sent to the respected Dean Sir of MGM Medical College for the approval.

A total budget of Rs.9,878/- was approved by respected VC Sir. A copy of the budget letter is hereby attached along with this report.

The following events/activities were conducted:

Rally under RHTC field practice regarding awareness of Azadi ka Amrit Mahotsav

- A rally was held by MGMIHS in Nere to spread awareness regarding Azadi ka Amrit Mahotsav 2022 wherein secondary school children of Zilla Parishad school and Gram Panchayat School were involved. Along with the students, Gram Panchayat Nere Sarpanch and its members were also present to influence people in participating in the events under Azadi ka Amrit Mahotsav.
- Beneficiaries: Entire Village Population appx 1200
- Har Ghar Tiranga' is a campaign under the aegis of Azadi Ka Amrit Mahotsav to encourage people to bring the Tiranga home and to hoist it to mark the 75th year of India's independence. The idea behind the initiative is to invoke the feeling of patriotism in the hearts of the people and to promote awareness about the Indian National Flag.
- To begin with this activity, the villages adopted by Unnat Bharat Abhiyan like Dhamini, Dehrang and Dhodhani were identified and the teams required to distribute Tiranga were also identified.
- On 13.08.2022 morning, MHA, MPH students along with the MBBS interns gathered in the Department of Community Medicine for the instructions.
- Dr.Nupur Kulkarni who is an Assistant Professor in the Department of Community Medicine briefed the students and interns regarding the activity.
- The team later went to the field practice area. There the Medical Social Worker who had already informed the local co-ordinator which included teachers and youth members of the villages along with school students and Community Health Workers, small teams were formed which included our students and interns as well.
- These students carried Tiranga with enthusiasm and visited every house in each village where they presented Tiranga to the family members of the house and a selfie was clicked along with family member and students.
- As mentioned in the guidelines by UGC, similarly the students talked about various good habits of long and healthy living, good habits to adopt for healthy long life and nutrition.

MGMIHS ANNUAL REPORT 2021-22

- The selfie booth was created for central place in front of the Group Gram Panchayat office Maldunge where people from the village were encouraged to visit this selfie booth and click a photo and post them on the social media website with specific identification such as Har Ghar Tiranga-Azadi k Amrit Mahotsav.
- This encouraged the youth members as well as older population to come out of their houses for the activity, gather together.
- To mark this momentous occasion, people were encouraged to hoist the flag in their homes from 13 to 15 August 2022.
- A total of 100 houses were covered for flag distribution.
- **Attended by:**
 - Maj.Dr Ashlesha Tawde (Asst.Professor & RHTC I/c)
 - Mr Abhishek Sonar (MPH)
 - Mr Devansh Khamkar (MPH)
 - Dr Sagar Patel (Intern)
 - Dr Anushree Shirodkar (Intern)
 - Mr Vikrant Dinkar (Medical Social Worker)
 - Ms Vinita Sharma (Health Inspector)
 - MHA students: 16



MGM Institute of Health Sciences
(Deemed to be University u/s of UGC act 1956)
Grade 'A++' accredited by NAAC

Department of Prosthetics & Orthotics, MGMIHS
in association with
Department of Community Medicine, MGM Medical College,
celebrate

Azadi ka Amrit Mahotsav
by distribution of artificial limbs, supportive devices & mobility aids
to the Divyangjan of adopted villages by MGMIHS
under Unnat Bharat Abhiyan

75
**Azadi ka
Amrit Mahotsav**

UNNAT BHARAT ABHIYAN AURANGABAD

ACTIVITIES IN ADOPTED VILLAGES

Unnat Bharat Abhiyan (UBA) is a flagship program of Ministry of Human Resource Development (MHRD) Govt. of India. Villages adopted by MGM Medical College & Hospital for Unnat Bharat Abhiyan 2018-2019.

1. Sindon
2. Bhindon
3. Shastramuli
4. Pardari Tanda
5. Shivgad Tanda

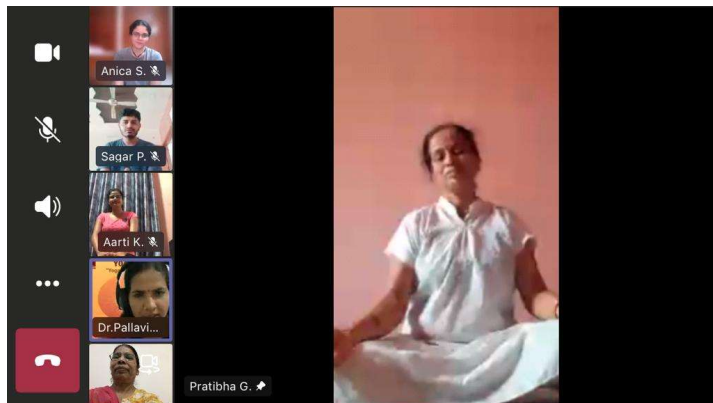
All adopted above villages are from Tahasil & Dist Aurangabad [MS], India. All villages are approximately 15-20 km from MGM Medical college & hospital.

Demographic Profile

Total Household	428
Total Population	2049
Gender Ratio	812 Females per 1000 Males
Average Members per Family	5

These are the activities done during Annual year 2021-2022

International Yoga Day Celebration 2021



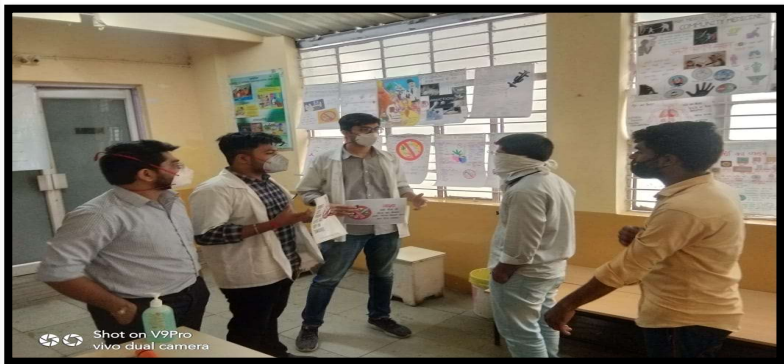
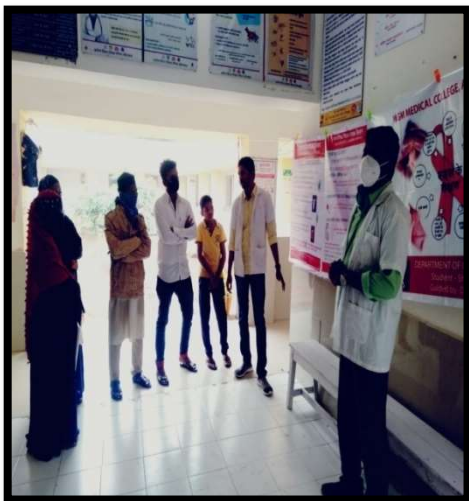
On occasion of International Yoga day 2021 on 21st June 2021 Department of community Medicine arranged Online Yog Shibir. The residents from Sindon Bhindon Pardari tanda Shashtramuli attended the yog shibir (60 minutes)

Covid 19 vaccination awareness Campaign (online)



Through WhatsUp groups and by arranging ONLINE workshops COVID 19 vaccination campaign was run for one year (Jan 21 to Jan22). Residents from adopted villages were promoted for taking vaccination.

National Anti drug addiction day 2021 (Bhindon tанда)



Interns explaining the beneficiaries about harmful effects of drug addiction (31 beneficiaries)



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-maleficence 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

Inauguration of Clinical Trial Centre

The Clinical Trial Centre, under Department of Pharmacology, MGM's Medical College & Hospital, Navi Mumbai was Inaugurated on 14 March 2022.

Distinguished Institutional dignitaries Dr. Shashank D. Dalvi (Hon'ble Vice Chancellor) , Dr. Sudhir. N. Kadam (Medical Director,), Dr. Nitin. N. Kadam (Hon'ble Pro Vice Chancellor), Dr. P. M. Jadhav (Vice Chairman), Dr. Rajesh B. Goel (Registrar), Dr. G. S. Narshetty (Dean), Dr. Parineeta Samant (Controller of Examinations), Dr. Sabita Ram (Research Director) and Head of Pharmacology Department Dr Prakash Khandelwal, along with faculty members participated in the event.



Activities undertaken

Sensitization program of the Clinical Trial Centre for all the Head of Departments and Faculty members was conducted on 14 March 2022 at Conference Room, Ground floor, MGM's Medical College & Hospital, Navi Mumbai.



MOUs and Linkages

A MOU was signed with Clinsearch Healthcare Solutions Pvt Ltd on 8th August 2022 for the conduct of Clinical trial /Clinical study at MGM's Medical College & Hospital, Navi Mumbai.

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.

Clinical Trial Centre Aurangabad

Introduction of Clinical Trial Centre

Clinical trials are research studies that are conducted in people (healthy participants or patients with a specific health issue) in order to study and test new medical treatments, such as drugs, vaccines, medical devices (e.g. spinal cord stimulators), medical procedures (e.g. surgical procedures), and diagnostic tests. Clinical trials may also be conducted to study new combinations of treatments, or to compare treatments, or to study an already available treatment for a new use.

Located within the department of pharmacology, our clinical trial centre has all the facilities required to conduct clinical trials. More than ten global clinical trials were successfully conducted during the years 2021-2022.

Dr. Deepak Bhosle

Head of the clinical Trial Centre



Our clinical Trial Centre is well versed in site management activities to provide a link between sponsor, SMO, EC and other regulatory bodies to ensure proper conduct of the study.

- 1. We have Well-experienced & trained CRCs for every study.**
- 2. Rapid study start-up.**
- 3. Contract and budget-negotiation.**
- 4. Patient service-centres.**
- 5. Site Management personnel.**
- 6. Field-service specialists.**
- 7. Study-kit inventory and distribution.**
- 8. Main point of contact between Sponsor, SMO, CRO, PI & EC.**
- 9. Affiliations with multiple sponsors & SMO's & CRO's.**
- 10. Affiliations with Diagnostic & Molecular Laboratories.**

Clinical Trial Centre Infrastructure



A daily temperature record is kept by the study coordinators for all investigational products used in the various clinical trials.

MGMIHS ANNUAL REPORT 2021-22

Sr. No	Study Title	Name of the collaborating agency with contact details	Name of the participants	Source of financial support	Year of collaboration	Duration	Nature of the activity
1.	A Phase 3, Observer blind, Randomized, Active-Controlled Trial Evaluating the Immunologic 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	Grapicity reserch solution LLP	Dr. Mohammad Haseeb	CBCC	2021	2 year	Clinical Trial
2.	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.	Grapicity reserch solution LLP	Dr. Ashish Deshmukh	Health care pharma legacy	2021	2 year	Clinical Trial
3.	A Multicenter, Randomized, Parallel-Group, 6-Week Treatment Clinical Study to Assess 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	Grapicity reserch solution LLP	Dr. Hafiz Deshmukh	CIPLA	2022	1 year	Clinical Trial

MGMIHS ANNUAL REPORT 2021-22

	Actuation) Inhalation Aerosol (AstraZeneca, USA), in Adult Asthma Patients.						
4.	A Prospective, Multi-centre, Active Post-Marketing Surveillance Study 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).	Grapecity reserch solution LLP	Dr. Anand Nikalje	Bharat serums and vaccines limited	2022	1 year	Clinical Trial
5.	“A Randomized, Double Blind, Placebo Controlled, Parallel Design, Multi-Centre, 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.”	Oxygen Clinical Research & Services	Dr. Ashish Deshmukh	Scitus Pharma Service Pvt.Ltd	2022	1 Years	Clinical Trial
6.	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.	Aurangabad Healthcare Research LLP.	Dr. Ashish Deshmukh	Pfizer	2022	01 Years	Clinical Trial

MGMIHS ANNUAL REPORT 2021-22

7.	“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.”	MGM Medical College & Hospital	Dr. Ashish Deshmukh	Cliantha Research limited	2021	02 Years	Clinical Trial
8	An open label, multi centre randomised, odaptive study on the safety and elficacy of several therapies, including antiviral therapies, versus control in mild coses of Covid-19	MGM Medical College & Hospital	Dr. Anand nikalje	DNDi (ICMR)	2022	2 year	Clinical Trial
9	A prospective, multi-centre, open label, phase IV study to evaluate safety andefficacy profile of Infimab™ in patients with moderate to severe plaque psoriasis’	Grapecity reserch solution LLP	Dr. Ashish Deshmukh	Reliance	2021	3 year	Clinical Trial
10	Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Centre Phase II/III Adaptive Clinical Trial to Assess the Safety and Immunogenicity of Gam-COVID-Vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects	Grapecity reserch solution LLP	Dr.Anand Nikalje	Dr.Reddy's	2021	1 year	Clinical Trial
11	Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Centre Phase II/III Adaptive	Grapecity reserch solution LLP	Dr.Anand Nikalje	Dr.Reddy's	2022	1 year	Clinical Trial

MGMHS ANNUAL REPORT 2021-22

	Clinical Trial to Assess the Safety and Immunogenicity of Gam-COVID-Vac Combined Vector Vaccine for SARS-Cov-2 Infection in Indian Healthy Subjects						
12	A Prospective, Multi-centre, Phase IV Study to Assess the Safety, Efficacy and Immunogenicity of BIOSULIN® 30:70 (Insulin Injection, Biphasic Isophane 100 IU/ml of M.J.Biopharm Private Limited) in Treatment of Patients Diagnosed with Type 2 Diabetes Mellitus.	Ardent Clinical Research Solutions	Dr. Syed Umar Quadri	Abiogenesis Clinipharm	2022	3 Year	Clinical Trial
13	A Prospective, Randomized, Double Blind, Multicentric, Two Arms, Phase III Clinical Trial to Assess the Efficacy and Safety of Levobupivacaine in Dextrose Injection Manufactured by Neon Laboratories Ltd. Versus That of Bupicain Heavy (Bupivacaine Hydrochloride in Dextrose Injection) Manufactured by Themis Medicare Ltd. For Spinal Anaesthesia in Adult Patients.	Ardent Clinical Research Solutions	Dr. Sanhita Kulkarni	Abiogenesis Clinipharm	2021	3 year	Clinical Trial
14	Promesa DES - 1: A Prospective, Multicenter, Single arm, Open label Study to Evaluate Safety and Performance of Promesa™ DES Sirolimus Eluting Self-Expandable Nitinol Peripheral Stent System for Treating Superficial	Ardent Clinical Research Solutions	Dr. Shivaji Pole	Meril Life Sciences	2022	4 Years	Clinical Trial

MGMIHS ANNUAL REPORT 2021-22

	Femoral Artery (SFA) and Iliac Artery Lesions						
15	A Randomized, Active-Controlled, Double-Masked, Parallel-Group, Phase 3 Study to Compare Efficacy and Safety of CT-P42 in comparison with Eylea in Patients with Diabetic Macular Edema	Ardent Clinical Research Solutions	Dr. Swapnil Dongaonkar	Syneos Health	2021	2 year	Clinical Trial
16	A randomized double-blind, placebo-controlled, multicentre trial assessing the impact of lipoprotein (a) lowering with TQJ230 on major cardiovascular events in patients with established cardiovascular disease.	Ardent Clinical Research Solutions	Dr. Prashant Udgire	Novartis	2022	3 Year	Clinical Trial
17	A prospective, interventional. open-label, phase I/IIb, single-center, clinical study to evaluate the safety and tolerability of NV-CoV-Z Oral Syrup and Oral Gummy (Chewable gel) for oral administration in healthy and mild to moderate COVID-19 adult human subjects. Protocol Number :- KM-NVCoV2-001	Pristyn research solutions	Dr. Anand Nikalje	Karveer Meditech	2022		
18	A Phase 2b, Randomized, Controlled Double-blind, Multicenter Study Comparing the Efficacy and Safety of Zetomipzomib (KZR-616) 30mg or 60mg with Placebo in patients with Active Lupus Nephritis.	Doclin SMO	Dr. Sudhir Kulkarni	PPD Pharma	2022	2 Years	Clinical Trial

MGMIHS ANNUAL REPORT 2021-22

19	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.	Aurangabad SMO	Dr. Asish Deshmukh	Pfizer	2022	1 Year	Clinical Trial
20	Protocol LYT-100-2022-204: "A Randomized, Double-blind, Four-Arm Active and Placebo & controlled Dose.Finding Trial to Evaluate the Efficacy, Tolerability, Safety and Dose Response of LYT-100 in Patients with Idiopathic Pulmonary Fibrosis (IPF)"	Aurangabad SMO	Dr. Hafiz Deshmukh	Novotech clinical research India private limited	2022	2 Years	Clinical Trial

Our Collaborations with Sponsors, CRO & SMO

OUR COLLABORATIONS

Total number of Memorandum of Understanding signed: 56.

Total number of Clinical Trial Agreements: 11.



MGM 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 induction programs, conferences, celebrations, collaborations, and video production.

Pre-NAAC Inspection and NAAC Revisit Coordination:

The department played a crucial role in coordinating the pre-NAAC inspection and subsequent revisit. This involved ensuring the smooth transport of officers and providing comprehensive photo and video coverage for the inspection process.

Additionally, the department edited and uploaded the Vice-Chancellor's presentation for NAAC and uploaded it to the LMS Youtube Channel.

Intellispac Software and Smart Panel Demonstrations

successfully organized demonstrations of the Intellispac software and Smart Panel with IQAC for all constituent units. 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, a specific demonstration was conducted exclusively for the Physiology department, tailored to their unique requirements and workflows.

Collaboration of Medialab, IQAC, and MEU:

The department collaborated with various entities, including IQAC, and MEU, to record videos for teacher awards. This collaborative effort aimed to recognize and appreciate the outstanding contributions of teachers within the institution.

Geotagging of Campus Photos:

In collaboration with the Sports Department, the department geotagged photos of the campus. This initiative aimed to maintain accurate records and facilitate efficient management of campus resources.

Celebrations and Events:

The department actively participated in various celebrations and events, including the 26th January 2022 celebration,

the 76th Independence Day celebration,

World TB Celebration,

MGMIMSR Convocation

World Diabetes Day Continuing Medical Education (CME) Coverage

1st Musculoskeletal Ultrasonography Workshop

Department coordinated with photo coverage the 1st Musculoskeletal Ultrasonography Workshop. This workshop aimed to provide participants with hands-on training and theoretical knowledge in the field of musculoskeletal ultrasonography.

Videos of MGM Medical College:

MGM Medical College Green Campus video production by Veenita Sharma.

Video Production on Biomedical Waste management

These events fostered a sense of community and promoted awareness of important social issues.

Video Productions:

The department was involved in the production of several videos,

In association with COE 75th Birthday Celebration video for the Medical Director,

COVID-19 video edited in collaboration with the IT Manager.

These videos served different purposes, including promotion, documentation, and raising awareness.

Clinical Trial Center Edit:

The department edited the clinical trial center video to showcase its facilities and capabilities. This initiative aimed to attract potential partners and highlight the institution's commitment to advancing medical research.

MGM School of Biomedical Sciences:

Induction Program conducted Online by MGMSBS:

An elaborate induction program was conducted online, consisting of six videos spread across six days. These videos were edited and provided to new students with essential information about the institution, its policies, and the resources available to them.

Kanha Retreat Convention (Youth Conference):

The MGMSBS department successfully organized the Kanha Retreat Convention in Hyderabad, a youth conference that brought together young individuals to discuss important topics of Health and wellness and share insights. Medialab also participated in this event. The event provided a platform for networking and fostering intellectual growth among participants.

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.

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 School of Physiotherapy:

Medical Photography Lecture organized for 5th-semester students, focusing on 2D motion capture. 4 Week Course.

Lata Mangeshkar Tribute Video:

A tribute video featuring students was produced to honor Lata Mangeshkar, showcasing the talent and creativity of the institution's students.

"Prarambh" Video Submission:

The department submitted a video for health workers in the WHO competition "Prarambh." This video aimed to recognize and appreciate the efforts of healthcare professionals and their contributions to society.

New Bombay School of Nursing:

Edited Videos.

Department edited a total of seven videos, namely "Palliative Care" "Transplant Care," "All About Mucormycosis," "My Motivational Story," "Session on Problem Solving Fit & Product Market Fit,"

"Airway Management in Basics of Anesthesia for Nurse Practitioners."

These videos were created to enhance knowledge and skills among nursing staff and students, covering a wide range of topics relevant to their profession.

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.

These lectures aimed to provide in-depth knowledge and practical skills to further their professional development.

Additionally, the department organized a two-day lecture series specifically designed for interns, focusing on essential topics in dentistry.

MGMIHS ANNUAL REPORT 2021-22


Furthermore, the department successfully shot and edited 15 videos covering various aspects of dental care.

also implemented geo tags on dental photos to improve patient record management and facilitate efficient treatment planning.

Lastly, a video on dental implant procedures was produced, aiming to educate both dental professionals and patients on this topic.

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.



	MAHATMA GANDHI MISSION'S PHYSICAL EDUCATION & SPORTS SECTION
	Plot No-01 & 02, Sec-1, Kamothe, Navi Mumbai. 410209
	WRITE UP OF MGM SPORT FACILITY IN MGM NAVI MUMBAI & MGM CHHT. SAMBHAJINAGAR (AURANGABAD) . 2021-22

MGMIHS IS A TWO CAMPUS DEEMED TO BE UNIVERSITY WITH HEADQUARTER AT NAVI MUMBAI AND OTHER CAMPUS AT CHHT. 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 39th anniversary MGM organization, 7thM.G.M Olympic was held from 1st December 2021 to 3rdDecember2019. Four Hundred & Ninety-One of students participated in it and did an excellent job.**
- C). Navi Mumbai Campus nearby Mumbai-Pune Express Highway & Chht. Sambhajinagar (Aurangabad) 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) | **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) | Mumbai : 41.4 km (56 min)

03. Nearest Railway Station :

A). Khandeshwar : 4.2 km (10 min) | Panvel : 5.7 km (14 min) | 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 | Panvel : 4.3 km (11 min)

B). Cidco bus stand. Chht. Sambhajinagar (Aurangabad) : 1.9 km (6 min)

C) .GPS MAP CAMERA

01. MGM Sports Complex, Kamothe, Navi Mumbai, Maharashtra 410206, India :

Lat : 19.016015⁰ | Long : 73.102562⁰

02. MGM Sports Complex, Chht. Sambhajinagar, Aurangabad, Maharashtra 410206, India :

Lat : 19.857690⁰ | 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

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.** Accommodate the player
- 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.** Cafeteria
- 11.** Campus Speed breaker
- 12.** Changing rooms
- 13.** Complete generator
- 14.** Considering the student and equipment safety measures
- 15.** Convenience Shops
- 16.** Cricket stadium
- 17.** Drinking water
- 18.** Feedback monitors
- 19.** First aid facility
- 20.** First MBBS students are involved in sports activity as part of Foundation Course (every Saturday)
- 21.** Generator back-up
- 22.** Hangout Places
- 23.** Health Care Centre
- 24.** Induction programs are held for all first-year batches
- 25.** It's a complete hi-tech sport facility
- 26.** Loud speaker system with wireless microphone
- 27.** Lush Green Campus
- 27.** Medical facility
- 28.** MGM Campus Food (CENTRAL CANTEEN)
- 29.** Naturopathy
- 30.** Organize sports / games in district level sports to national level sport / games
- 31.** Parking separates 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, Qualifide & 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 :



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

MGMIHS ANNUAL REPORT 2021-22

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
- 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.)
 - 01.** One 50 X 50 Mtrs Olympic Standards Size Swimming pool.
 - 02.** One 21 X 09 Mtrs Learners pool.
 - 03.** One 22 X 20 Mtrs. Divers Pool.
 - 04.** Total Area = 7076.
 - 05.** 61sq.m having user
 - 06.** Each Year Around 1000 Members enroll for Swimming Membership out of which 500 members are being coach to swim. In a period of three years.
 - 07.** We recorded around 3200 members at our pool.
 - 08.** Every Year around 2500 to 3000 Children join MGM Swimming Summer camp which is conducted by the renowned coaches of Chht. Sambhajinagar Aurangabad.
 - 09.** We have also encourage some of our Young and Talented swimmers to participate in National and International Swimming Tournaments. More over 2 of our members have created history by accounting their names in to India Book of Records.

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
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)
 1. Male and Female separate gymnasium with latest techno equipments for Cardio, Strength etc which is accommodated in 200 Sq.mts area.
 2. Along with Gym, Various fitness activities like GFS, Zumba are conducted by our professional fitness experts.
 3. Every year around 600 members join at our GYM.
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.)
 1. We are having 2 Rifle Shooting Ranges.

2. One Ac and Non Ac.
 3. Both equipped with 10 pulleys set up each.
 4. Presently we are having 40 students are practicing regularly, including our MGM School and College Students.
 5. Up till now we have trained and produced 2 International and 21 national shooting players from our Rifle Shooting Academy.
 6. Above 450 students from MGM Colleges have been trained on the basic Rifle Shooting Techniques.
 7. Students from JNEC are consecutively four times winners of Inter Collegiate Rifle Shooting Tournament conducted under Dr. Babasaheb Ambedkar Marathwada University.
 8. To promote Rifle Shooting sports, we have been hosting open Inter School Rifle Shooting Championship from past 6 years.
 9. MGM Rifle Shooting Academy is Affiliated to Chht. Sambhajinagar (Aurangabad) District Rifle Shooting Association.
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)
 15. Yoga center & Meditation

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 :

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 Mumb (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 sqft.
10. ' **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. SAMBAJINAGAR(AURANGABAD) CAMPUS CRICKET TADIUM:

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. SAMBAJINAGAR (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. (Aurangabad) District Soft Tennis Association.
07. MGM Swimming Academy

PHYSICAL EDUCATION & GAME SECTION

MGM OLYMPIC GAME- 01st DEC, 2021 TO 03rd DEC, 2022

A) OPENING CEREMONY



Navi Mumbai to Aurangabad Travel Bus



MGM Aurangabad Sports Club & Stadium 1



MGMIHS ANNUAL REPORT 2021-22

MGM Aurangabad Sports Club & Stadium 2



March pass

MGMIHS RHYTHM

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 IMPLEMENTING THE PROPAGANDA.



The MGM RHYTHM ACADEMY Has Been Inaugurated By The Auspicious Hands Of

- Padmashree , Bhavchandharv Pandit Hridaynath ji Mangeshkar,
- Hon'ble Trustee Director MGMIHS Dr. Sudhir Kadam Sir,
- Hon Dr. Nitin Kadam Sir,
- Vice-Chancellor MGMIHS Hon .Dr. Shashank Dalvi Sir,
- Registrar MGMIHS Dr. Rajesh Goel Sir,
- Dean Dr. Narshetty sir
- Director of MGM RHYTHM Institute Mr. Pramod Sarkate Sir & Swaraj Sarkate



INAUGURATION HIGHLIGHTS



PICTURES OF THE RHYTHM MUSIC INSTITUTE





VISION AND MISSION



VISION :

- FROM THE START MAHATMA GANDHI MISSION HAVE BEEN CULTIVATING AND SUPPORTING THE ARTISTIC AND MUSICAL ENVIRONMENT AMONG EVERYONE.
- THE MGM RHYTHM INSTITUTE OF MUSIC AND PERFORMING ARTS ACADEMY AIMS TO PROVIDE EVERYONE A HIGH QUALITY MUSIC EDUCATION WHICH ENGAGES AND INSPIRES THEM TO DEVELOP A LIFE LONG LOVE FOR MUSIC.
- WITH AN AIM TO ENHANCE THE MUSIC WITH SPIRITUALITY AND DIVINITY.



MESSAGE FROM HON. PRAMOD SARKATE DIRECTOR OF MGM RHYTHM INSTITUTE OF MUSIC AND PERFORMING ARTS ACADEMY.



THE MGM RHYTHM INSTITUTE OF MUSIC AND PERFORMING ARTS ACADEMY WAS INAUGURATED BY MY GURU PADMASHRI PT HRIDAYNATH JI MAGESHKAR, WITH THE BLESSINGS OF HON TRUSTEE SHRI ANKUSHRAO JI KADAM SIR, SHRI KAMALKISHORE JI KADAM SIR, WITH THE CONCEPT AND EXECUTION OF HON TRUSTEE DR SUDHIR KADAM SIR, VICE CHANCELLOR DR SHASHANK DALVI SIR, DR NITIN KADAM SIR.

"MUSIC IS THE MEDICINE OF THE MIND AND MUSIC IN THE SOUL CAN BE HEALED BY THE

THIS MUSIC INSTITUTE AIMS TO PROVIDE A HIGH QUALITY MUSIC EDUCATION TO EVERYONE FROM PRIVILEGED TO UNPRIVILEGED. 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



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 BHARATNATH LATA DIDI MANGESHKAR AND PADMABUSHAN ASHA BHOSLE MADE THE INDIAN MUSIC AND FILM INDUSTRY A GLAMOROUS ONE.

• HOPE THIS MUSIC CONTINUES FROM GENERATIONS TO GENERATIONS THROUGH RHYTHM INSTITUTE. MY WISHES AND BLESSINGS ARE ALWAYS WITH RHYTHM AND THEIR DIRECTORS MY DECIPLE PRAMOD SARKATE, SWARAJ SARKATE, AND THE TRUSTEE OF MGM DR SUDHIR KADAM AND ALL THE FACULTY.





COURSES AND TRAININGS



COURSES AND TRAININGS



COURSES AND TRAININGS



CLASSICAL SINGING

DEGREE COURSE IN CLASSICAL
1 TO 7 YEARS
CERTIFICATE COURSE IN
CLASSICAL
1 YEAR

LIGHT VOCAL SINGING

DEGREE COURSE IN LIGHT VOCAL
1 TO 3 YEARS
CERTIFICATE COURSE IN LIGHT
VOCAL
1 YEAR

INSTRUMENTS

CERTIFICATE COURSE IN INSTRUMENTS
1 YEAR

FOLK MUSIC

CERTIFICATE COURSE IN FOLK MUSIC
1 YEAR

CLASSICAL DANCE

DEGREE COURSE IN CLASSICAL
DANCE
1 TO 7 YEARS
CERTIFICATE COURSE IN CLASSICAL
DANCE
1 YEAR

WESTERN DANCE & ZOOMBA

CERTIFICATE COURSE IN W DANCE
1 YEAR

COURSES AND TRAININGS



MUSIC PRODUCTION

CERTIFICATE COURSE IN
MUSIC PRODUCTION
1 YEAR

SOUND ENGINEERING

CERTIFICATE COURSE IN
SOUND ENGINEERING
1 YEAR

THEATRE ARTS / DRAMA

CERTIFICATE COURSE IN THEATRE
DRAMA
1 YEAR

PRODUCTION ACTING

CERTIFICATE COURSE IN TECHNICAL
AND CAMERA ACTING
1 YEAR

THE KARAOKE CLUB

TRAINING FOR LIVE PERFORMANCE

NOVEMBER 2021 TO AUGUST 2022 REPORT



- NOVEMBER
 - 1 TO 30 NOV – MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
 - 24 NOV - MUSICAL RHYTHM STRINGS PROGRAMME AT RHYTHM ACADEMY CENTRAL HALL ON THE OCCASION OF COMMUNAL HARMONY WEEK ORGANISED BY IQAC, MGM DENTAL COLLEGE AND RHYTHM ACADEMY.
- DECEMBER
 - 1 TO 22 DEC - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
- JANUARY
 - 1 TO 25 JAN - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
 - 26 JAN – REPUBLIC DAY AND RHYTHM ACADEMY FOUNDATION DAY CELEBRATION ON GROUND WITH THE PRESENCE OF HON TRUSTEES AND DIGNITARIES AND VISIT AT RHYTHM.
- FEBRUARY
 - 1 TO 25 FEB – MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD

NOVEMBER 2021 TO AUGUST 2022 REPORT



- MARCH
 - 01 TO 23 MARCH - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
- APRIL
 - 01 TO 29 APRIL – MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
 - 01 TO 05 APRIL – NAAC VISIT AT MGM. CULTURAL EVENT AND SETUP BY RHYTHM ACADEMY AT UNIVERSITY AUDITORIUM.
 - 14 TO 30 APRIL - MBBS STUDENTS PRACTICE AT RHYTHM FOR THE FEST
 - 24 APRIL - CCSIT AND COC COLLEGE FEST ON GROUND, WHOLE SETUP BY RHYTHM ACADEMY
- MAY
 - 01 TO 27 MAY - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD

NOVEMBER 2021 TO AUGUST 2022 REPORT



- JUNE
 - 01 TO 20 JUNE - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
 - 21 JUNE – WORLD MUSIC DAY CELEBRATION. PERFORMANCE BY STUDENTS OF RHYTHM AT RHYTHM CENTRAL HALL & FELICITATION.
- JULY
 - 01 TO 22 JULY - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
- AUGUST
 - 01 TO 26 AUG - MUSIC SESSIONS OF SINGING, GUITAR & KEYBOARD
 - 20 JULY TO 15 AUG – PRACTICE OF STUDENTS AND STAFF AT RHYTHM ACADEMY FOR THE 75TH AZADI KA AMRIT MOHOTSAV PROGRAMME ORGANISED BY MGM IHS UNIVERSITY AND RHYTHM ACADEMY
 - 11 TO 13 AUG – AUDITION ROUND AND FINAL SELECTION OF STAFF AND STUDENTS AT RHYTHM
 - 15 AUG 22 – CULTURAL PROGRAM AT UNIVERSITY AUDITORIUM. STUDENTS AND STAFF SLECTED FROM THE AUDITION ROUND PERFORMED ON THE THEME OF PATRIOTISM IN THE PRESENCE OF HON TRUSTEES AND DIGNITARIES.

COMMUNAL HARMONY WEEK CELEBRATION IN NOV 2021
MUSIC COMPETITION AT RHYTHM CENTRAL HALL



CULTURAL PROGRAM FOR NAAC



Hon. Chairman , Dignitaries Visit & ACTIVITIES IN RHYTHM



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 CAN BE IMPLEMENTED 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.

NEW PROJECTS AND PLANS OF MGM RHYTHM ACADEMY FOR 2023-24



- TO RESEARCH AND STUDY ON MUSIC THERAPY
- TO WORK ON THE SUBJECT MUSICOLOGY A MUSICALLY THEORITICAL SUBJECT TO MAKE IT ON A DIFFERENT LEVEL
- WITH THE HELP OF DOCTORS AND FACULTY WE CAN WORK ON THE STUDY OF MUSIC THERAPY
- 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



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 MUSICL 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.

THANKING...

Recognition & Award Government / Educational Scientific Bodies



NAAC Certificate of Accreditation with A++ Grade



Center of Excellence for leproscopy Surgery



Atal Ranking of Instirutions on Innoation Achievement ARIIA 2021

MGMIHS ANNUAL REPORT 2021-22



Monthly Swachhata Action Plan Showcase the success of sustainability by Mahatma Gandhi National Council of Rural Education from Higher Education, Ministry of Education GOI date : 16.03.2022



**Certificate of Appreciation to Head of Institute for World Environment Day celebration June 2022
WED Hol**



IIT Kharagpur for outstanding co-ordination for training on Dec. 2021



First Place Winner for Green Hospital Abstract Initiative for on occasion of World Health Day 2022



Swachhata Award 1st from Panvel Municipal Corporation for "College"



Swachhata Award 2nd from Panvel Municipal Corporation for "Hospital"

MGMHS ANNUAL REPORT 2021-22



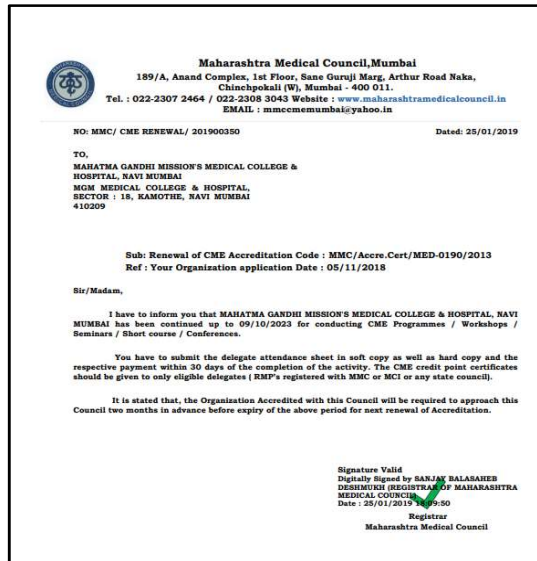
NABH Accreditation 16.09.2020 to 15.09.2023



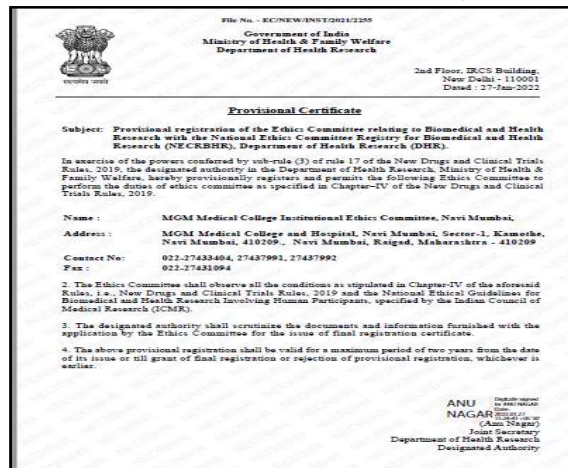
NABL Accreditation 26.04.2022 to 25.04.2024



Eat Right Campus Certificate 5 star



CME Accreditation Maharashtra Medical Council, Mumbai, 25.01.2019 to 09.10.2023.



Ethics Committee provisional Certificate NECRBHR by GoI Ministry of Health & Family Welfare Department of Health Research dated 27.01.2022



nability

The Swachhhta Action plan award by Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India



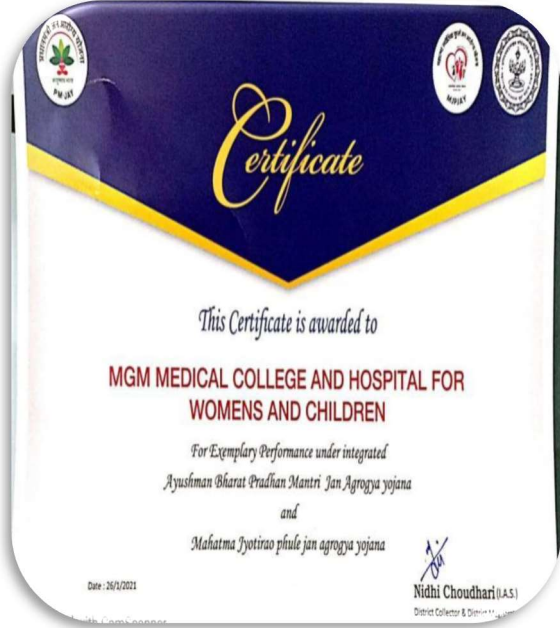
Ms. Vineeta Sharma, Health Inspector, MGM Medical College and Hospital, Navi Mumbai awarded by Mahatma Gandhi National Council of Rural Education, Government of India



Outstanding Support and Contribution for Humanity in Pandemic Situation of Covid-19
 Worrier - Dr. Jessy Vennel awarded by Shiv Jannotsav Samiti, Navi Mumbai



MGM Medical College, Navi Mumbai appreciated for Exemplary Performance under Integrated Ayushman Bharat Pradhan Mantri Jan Arogya Yojana & Mahatma Jyotirao Phule Jan Arogya Yojana



MGM Medical college and Hospital for Women and Children, Kalamboli appreciated for Exemplary Performance under Integrated Ayushman Bharat Pradhan Mantri Jan Arogya Yojana & Mahatma Jyotirao Phule Jan Arogya Yojana