



# **MGM INSTITUTE OF HEALTH SCIENCES**

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

**Grade 'A' Accredited by NAAC**

**NIRF 2019: Rank Band 151-200 in University Category**



## **Information Brochure**

**2022 - 2023**

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



### **ADDRESS**

Sector – 01, Kamothe, Navi Mumbai – 410 209



## 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.

*‘To wipe every tear from every eye’*

*- Mahatma Gandhi*

## About MGM Institute of Health Sciences, Navi Mumbai



The **Mahatma Gandhi Mission (MGM) Trust** is the parent body of MGMIHS which was established in 1982 by Hon. Shri. Kamalkishor N. Kadam, M. Tech (IIT Bombay) and Former Minister of Higher & Technical Education, Government of Maharashtra with a futuristic vision to provide qualitative education by applying innovative and dynamic pedagogical techniques, promote health, prevent and cure diseases, advancing biomedical and clinical research and educational programs for tomorrow's physicians and scientists. Since inception, the Trust has focused on providing Health Care Services, School Education and Higher Education with dedication and commitment. Members of the Trust are highly committed and well qualified professionals (doctors and engineers) who established, developed and nurtured this institution. By selecting this institute, you have made the right choice to get quality medical education.

A chain of Schools, Medical, Nursing, Management, Engineering, Architecture, Computer Science & IT, Bioinformatics and Biotechnology, Fine Arts and Journalism stand testimony to the endeavors of the Trust. These Institutions under MGM Trust have achieved a mark of excellence in their respective areas over the years.

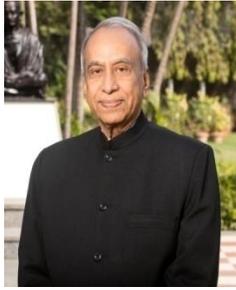
The MGM Trust had started two medical colleges, MGM Medical College & Hospital at Navi Mumbai during 1989, and MGM Medical College & Hospital at Aurangabad during 1990 with an intake of 100 seats in both colleges and affiliated to Maharashtra University of Health Sciences, Nasik for UG and PG courses. During the year 2006, University Grants Commission approved establishing of **MGM Institute of Health Sciences (MGMIHS)** as **Deemed to be University** u/s 3 of UGC Act, 1956 with these two constituent medical colleges at Navi Mumbai and Aurangabad, vide Notification No. F. 9-21/2005-U.3 (A) dated 30.08.2006 issued by the Government of India, Ministry of Human Resource Development, Department of Higher Education, New Delhi.

At present, it runs 09 institutions (Medical, Biomedical, Physiotherapy, Nursing, Prosthetics & Orthotics) located at 02 centers, namely Navi Mumbai and Aurangabad. All these institutions strive to achieve excellence in all areas and nurture total commitment to community services, by way of outreach programs. MGMIHS is having Hospitals at Navi Mumbai and Aurangabad with a total capacity of around 1740 beds. Our medical services are extended to needy patients and those below poverty line.

**MGMIHS** has been rated **Grade 'A'** by the **National Assessment and Accreditation Council (NAAC)**. MGMIHS has ranked amongst top 200 universities of India (Under Rank Band: 151 - 200) in **NIRF – 2020 ranking**. It has also received **National 1<sup>st</sup> ranking 2019 under Swachh Campus by MHRD, Govt. of India** for recognizing the green, self-sustained and environment friendly campus at both locations.

## Chancellor's Message

**"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi**



Health care is the largest industry in the world and second largest in India, rapidly attracting new entrants and generating competition. With our feet firmly on the ground, we have kept pace with technology and globalization. While inducting latest diagnostic and therapeutic equipment for patient management, we are part of the academic collaboration programmes entered into by MGM Medical College with National and International institutes to expose students to newly emerging trends in medical science. MGM Institute of Health Sciences (Deemed to be University), Navi Mumbai offers quality education in Medical, Biomedical, Physiotherapy, Nursing, Prosthetics & Orthotics undergraduate, post graduate and Ph. D. programs. I welcome you all with Best Wishes....

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

## Vice Chancellor's Message

All the constituent Institutes of MGM Institute of Health Sciences at Navi Mumbai and Aurangabad will help you realize your dreams of becoming good health professional. Both campuses are located in beautiful, eco-friendly locations. Hostels are situated within the campuses. Excellent infrastructure has been provided with state-of-art equipments, laboratories, computers, class rooms, teaching aids and libraries. Highly quality teaching faculty with long years of experience will guide you to learn the art and science of medicine with love and care. Each College has a large hospital attached within the campus. Patient workload is very high. In addition to general specialties, all super-specialty services are available in these hospitals. So you will have plenty of clinical workloads to learn your clinical skills. Ragging is strictly prohibited and is a criminal offence. So no one dares to indulge in this despicable practice.



- **Dr. Shashank D. Dalvi**  
Hon'ble Vice Chancellor, MGMIHS

## Registrar's Message

MGMIHS has a culture of continuous growth which is evident from its active alumni network spread across the globe as well as its dedicated faculty with rich experience in their respective domains along with the various initiatives undertaken by students on campus. MGMIHS is determined to outshine the yardstick set, thus uplifting to higher trajectory in developing, designing and delivery of curriculum, training the budding health science professionals to acquire clinical acumen and skills and promoting and supporting research relevant to local, regional and national needs.



- **Dr. Rajesh B. Goel**  
Registrar, MGMIHS

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# **MGM INSTITUTE'S UNIVERSITY DEPARTMENT OF PROSTHETICS AND ORTHOTICS**

Department of Prosthetics and Orthotics started rendering services clinical since 2011, MGM Hospital, Kamothe, Navi Mumbai. The Department have been playing pivotal role in providing aids and appliances to “DIVYANGJAN” in Raigad District.

With the aim to provide the best of Prosthetic – Orthotic Education, the MGM Institute's University Department of Prosthetics and Orthotics, Constituent unit of MGM Institute of Health Sciences (Deemed to be University u/s 3 of UGC Act, 1956) Navi Mumbai, was started in 2016. Prosthetics and Orthotics is a specialized health care profession, which combines a unique blend of clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe, fabricate, and fit Orthoses and Prostheses. Rehabilitation of persons with locomotor disabilities or neuromuscular disorder is a team work, where Centre of attention is the persons with disabilities. This work requires substantial clinical and technical judgment. Prosthetic and Orthotic Professional does not only provide service to persons with neuro-musculoskeletal disorder and persons with disability, but also it provides service to general health and work related disorder such as foot disorders, fractures, sports injuries, disorders due to aging, tendinitis, muscular pain, aesthetic restoration etc.. Prosthetics and Orthotics Professionals play an important role in the comprehensive pre and post-surgical management of amputee and other neuro-musculoskeletal disorders. Prosthetics and Orthotics Professionals make the patient independent, confident and useful member of the society through comprehensive prosthetic and orthotic management.

## **Objectives**

1. To extend the benefits of knowledge and skills for development of Divyangjan and the society.
2. To build up financial self-sufficiency by undertaking academic and Prosthetic Orthotic s and resource generative services, in a cost effective manner.
3. To generate and promote a sense of self respect and dignity amongst the Divyangjan of the society.
4. To publish journal, seminar books and such other literatures as may be useful for furthering the cause of education.
5. To start, maintain & run Prosthetic and Orthotic clinics, Prosthetic and Orthotic Consulting Program.
6. To acquire basic management & administrative skills in the areas of materials, financial and human resources related to prosthetics and orthotics
7. To organize all types of Prosthetic and Orthotic camps for checkup and to give treatment to the Divyangjan.
8. To practice prosthetics & orthotics ethics in patient care, service delivery, and research.
9. To develop attitude for self-learning and acquire necessary skills, including the use of appropriate technologies.

10. To assess, prescribe and provide comprehensive Prosthetic and Orthotic management to the individual and the community, appropriate to his/her position as a member of the health care team.
11. Be competent to take preventive, supportive, corrective and rehabilitative steps in respect to the commonly encountered problems related to Prosthetics and Orthotics.
12. To carry out Evidence Based Practice in Prosthetics and Orthotics.
13. To appreciate the psycho-social, cultural, economic, and environmental factors affecting health, and develop humane attitude towards the patients/relatives, in discharging one's professional responsibilities

### **ABOUT THE PROGRAM**

MGM Institute of Health Sciences, Navi Mumbai is the First Deemed to be University, approved by Rehabilitation Council of India (RCI), to run the Bachelor's Degree program in Prosthetics and Orthotics (BPO) in India. B.P.O. (BACHELOR IN PROSTHETICS & ORTHOTICS) is a 4 ½ duration full time program.

We strive to train the students to excel in providing their services to the "DIVANGJAN" in camps and rural setups, besides their regular training in academics and hospital setups.

With the dedicated and devoted team of staff members, we are looking forward to benchmark MGM Institute of Health Sciences (Deemed to be University u/s 3 of UGC Act, 1956) the Centre of Excellence in P&O Education and Services.

## Principal's Message



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

Since its establishment, the department aims to make “Divyangjan” free of special challenges that they face and empowering them to lead a better quality life. This has been further enhanced by the approval for starting the Bachelors in

Prosthetics and Orthotics, or the BPO Programme since the academic year 2016-17.

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

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

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

## DURATION OF THE PROGRAM

The duration of the program is of Four and half academic years (inclusive of 6 months of internship), which can be completed in a maximum of 6 years from the date of admission to the program as per RCI guidelines vide letter no. File No. 2-6/ASLP/2016/RCI , dated on 4<sup>th</sup> January 2019.

## PROGRAM STRUCTURE

### FIRST YEAR

Subjects	Theory Hrs	Practical Hrs	Total Hrs	Marks Theory	Marks Practica	Total Marks
Anatomy	120	40	160	100	--	100
Physiology	90	30	120	100	--	100
Workshop Technology & Material Science	80	20	100	100	--	100
Applied Mechanics & Strength of Material	80	20	100	100	---	100
Biomechanics I	60	-	60	100	--	100
Basic Electronics	60	-	60	100		100
*Prosthetic Science – I	80	230	310	100	100	200
*Orthotic Science – I	80	230	310	100	100	200
<b>Total</b>	<b>650</b>	<b>570</b>	<b>1220</b>	<b>800</b>	<b>200</b>	<b>1000</b>

### SECOND YEAR

Subjects	Theory Hrs	Practical Hrs	Total Hrs	Marks Theory	Marks Practical	Total Marks
Pathology	80	-	80	100	--	100
Orthopedics, Amputation Surgery & Imaging Science	80	20	100	100	--	100
Community Rehabilitation & Disability Prevention	60	-	60	100	-	100
Biomechanics II	70	30	100	100	-	100
Psychology & Sociology	60	-	60	100	-	100
*Prosthetic Science-II	80	300	380	100	100	200
*Orthotic Science-II	80	300	380	100	100	200
Pharmacology	60	-	60	100	-	100
<b>Total</b>	<b>570</b>	<b>650</b>	<b>1220</b>	<b>800</b>	<b>200</b>	<b>1000</b>

### THIRD YEAR

Subjects	Theory Hrs	Practical Hrs	Total Hrs	Marks Theory	Marks Practical	Total Marks
Computer Science & Graphical communication	80	120	200	100	100	200
Bio-Mechanics- III	80	-	80	100	--	100
Assistive Technology	80	-	80	100	-	100
Research Methodology & Bio Statistics	60	---	60	100	---	100
*Prosthetic Science- III	80	320	400	100	100	200
*Orthotic Science-III	80	320	400	100	100	200
Total	460	760	1220	600	300	900

### FOURTH YEAR

Subjects	Theory Hrs	Practical Hrs	Total Hrs	Marks Theory	Marks Practical	Total Marks
*Prosthetic Science-IV	60	160	220	100	100	200
*Orthotic Science-IV	80	160	240	100	100	200
Management & Administration	80	--	80	100	--	100
*Prosthetics Clinical Practice	--	250	250	-	200	200
*Orthotics Clinical Practice	---	250	250	-	200	200
Project Work**	--	180	180	---	100	100
Total	220	1000	1220	300	700	1000

\*\*Joint projects may also be undertaken.

### INTERNSHIP

1. Internship is compulsory and rotator in nature.
2. Duration: 6 months
3. Eligibility: Internship will start immediately after the declaration of result of final year, if candidate is declared pass in all four years.
4. Structure of the postings: The place of postings of the students for internship will be decided by the norms of MGM Institute's University Department of Prosthetics & Orthotics.
5. Mode of supervision during internship: Supervision will be provided by the faculties of MGM Institute's University Department of Prosthetics & Orthotics.

6. Maintenance of records by students: Every student should maintain records of the number of hours of clinical work in different areas and institutions. This should be certified by the Head of the MGM Institute's University Department of Prosthetics & Orthotics.
7. Extension of internship: Internship shall be extended by the number of days the student remains absent.
8. Grading and evaluation of student: Grading and evaluation will be done by the institute, where the candidate is doing internship. The student will be required to repeat those postings in which his/her performance is found unsatisfactory.
9. Internship completion certificate would be awarded by MGM Institute of Health Sciences after the successful completion of the internship.
10. MGM Institute of Health Sciences shall award the Degree certificate only after the successful completion of the internship.

### **WORKING DAYS & ATTENDANCE**

Date of Commencement: 01<sup>st</sup> August, Every Year.

The program would be conducted for at least 200 working days each year, exclusive of the period of examination and admission. The institution shall work for a minimum of thirty six hours in a week (six days), during which physical presence in the institution of all the teachers and clinicians is necessary to ensure their availability for advice, guidance, dialogue and consultation as and when needed.

No student would be allowed to appear in the examination, unless she/he has attended at least 75% of total number of classes in theory and 80% in practical. 100% attendance in internship is compulsory.

### **ELIGIBILITY FOR ADMISSION**

#### **A. PRIMARY APPLICANT FOR BPO- I<sup>ST</sup> YEAR**

- The applicant for admission should be a Resident Indian National.
- Candidate who has passed 10+2 in science or equivalent with physics, chemistry, biology /mathematics and English with minimum aggregate 50% marks in PCBE/PCME will be eligible for admission to this course.
- Relaxation and reservation for SC/ST/OBC/PwD and other categories shall be as per the rules and regulations of the Central Govt./State Govt., whichever is applicable.

#### **B. LATERAL ENTRY FOR DIPLOMA IN PROSTHETICS AND ORTHOTICS (D.P.O.) HOLDERS IN BPO-III<sup>RD</sup> YEAR**

- Candidates who have passed D.P.O. from a RCI recognized institute shall be eligible for admission directly in 3rd year of B.P.O. program.
- Admissions will be on the availability of the seats within sanctioned seats by the Council.

- In-service candidates may be permitted to undergo internship (if not completed earlier), at their parent organization.
- Admission would be as per the MGMIHS university norms.

### **PROGRAM PATTERN**

The program pattern has been developed on Annual basis.

### **EXAMINATIONS**

Examinations are conducted as per the MGMIHS University norms. Minimum passing marks for every subject will be 50% both in theory and practical, separately. Each candidate will be given maximum (n+2) attempts to clear the examination in the annual examination pattern.

### **NATURE OF EVALUATION**

Internal assessment for theory and practical would not exceed 20% of the maximum marks in each subject. Internal Assessment will be calculated by conducting minimum two class tests, two assignments, examination/practical examination and any other activities implemented by the MGM Institute's University Department of Prosthetics and Orthotics. Marks of Internal Assessment will be informed to the students prior to commencement of university examinations.

Eligibility criteria to appear in the university examination should be 40% of the total marks of internal assessment (combined theory and practical).

Minimum passing marks for every subject should be inclusive of university theory marks and internal assessment marks. The total passing for practical should be inclusive of university practical marks and internal assessment marks.

### **CERTIFICATION AS A REGISTERED PROFESSIONAL**

It is mandatory as per Section 13 of RCI Act for every Prosthetist and Orthotist to obtain a "Registered Professional Certificate" from the Rehabilitation Council of India to work in the field of Prosthetics and Orthotics in India. As continuous professional growth is necessary for the renewal of the certificate, the faculty as well as Prosthetist and Orthotist will undergo in-service program periodically to update their professional knowledge. Amendments, if any, to the regulations of the program will be made periodically by the Rehabilitation Council of India. Any deviation from the above regulations should have the prior approval of the Rehabilitation Council of India.

The successful students will be registered as Prosthetist and Orthotist (Professional). The MGM Institute's University Department of Prosthetics and Orthotics will take appropriate action to ensure that all passed out students are registered with the Council.

## **AWARD OF DEGREE**

After successful completion of all examinations and internship, candidate will be awarded with the Degree of “Bachelor in Prosthetics and Orthotics (B.P.O.)”.

## **CLINICAL PRACTICUM**

The student should be able to meet the following learning objectives:

- Assess the medical condition of a patient related to their orthotic or prosthetic management using appropriate investigative techniques, which include patient history taking and clinical testing.
- Formulate an optimal prosthetic and orthotic solution using information from the patient assessment, other members of the health care team, medical charts, etc.
- Communicate and discuss patient goals and expectations and discuss and debate the prosthetic management with the patient, co-workers and other members of the health care team.
- Reliably measure and capture a positive cast or image of patient’s appendages, while correctly positioning the body part and if appropriate, apply the necessary corrective force system.
- Identify, prescribe and justify selection of appropriate materials and components in the fabrication of the prostheses or orthoses.
- Construct the prostheses or orthoses by using appropriate fabrication techniques in preparation for the initial fitting.
- Fit the prostheses or orthoses to the patient using static and dynamic functional criteria established from the original assessment.
- Evaluate the quality of the prostheses or orthoses fit to ensure the appropriate interface contouring, force application and trim lines.
- Identify problems related to device fit and/or alignment and be able to suggest and implement appropriate correction.
- Assess and solve prosthetic or orthotic problems as part of short and long term patient care.
- Maintain accurate records of patient treatment and follow up as well as confidentiality of such information.
- Communicate effectively with patient, co-workers, and other health care professionals in such a manner that will ensure the highest quality of service and reflect a professional attitude on the part of the student.
- Educate the patient and/or caregiver on use, care and function of the prostheses or orthoses.
- Understand the methodology of problem identification, problem solving in a process that includes all stake holders, with the patient at the centre.

### **Fee Structure for the Batch 2020-2021:**

<b>Particular</b>	<b>Amount (Rs.)</b>
Tuition fees	Rs.60,000/- per annum
Eligibility, Registration fee	Rs 11,000/- (at admission only)
Caution Money Deposit	Rs 20,000/- (at admission only)
Other fee (Consumable materials & kits)	Rs 30,000/- per annum
Exam Fees	Rs 4,550/- (Per Exam)*

**\*May be revised later**

**Note:** Hostel/ Mess Fees + Hostel/ Mess Deposit to be paid separately subject to availability of hostel.

### **Tentative dates of admission cancellation & Applicable Charges:**

<b>Sr. No.</b>	<b>Point of time when notice of Cancellation of admission is received</b>	<b>Cancellation Charges Applicable</b>
1	Before 15 <sup>th</sup> September 2022	5% of Tuition Fee or 5000/- (Whichever is Less)
2	Within 16 <sup>th</sup> September to 30 <sup>th</sup> September 2022	10% of Tuition Fees
3	Within 1 <sup>st</sup> October to 15 <sup>th</sup> October 2022	20% of Tuition Fees
4	Within 16 <sup>th</sup> October to 31 <sup>st</sup> October 2022	50% of Tuition Fees
5	After 31 <sup>st</sup> October 2022	1. No refund of 1 <sup>st</sup> year fee 2. Full fees of the entire course of three years to be paid by the student.

**Note:**

- A fee once paid is neither refundable nor transferable under any circumstances.
- For the cancellation of admission, a candidate has to write an application of cancellation duly signed by him/her and counter signed by his/her parent/guardian at respective Institute.
- The candidate has to enclose the original selection letter, fee receipt and with cancelled cheque along with the written application. (stated the relation of the cheque holder with the student)

## FACULTY STRENGTH

S. N.	Name of the Faculty with address, Mobile no. & e-mail	Designation	Rehab Qualification	Photograph
1	Dr. Uttara Deshmukh(P&O), Mob. No.: - 8888863363 E-Mail Id:- <a href="mailto:uttara.deshmukh2010@gmail.com">uttara.deshmukh2010@gmail.com</a>	I/C Head of the Department,	M.P.O., B.P.O.	
2	Dr. Deepshikha Raut (P&O), Mob. No.: - 8779662100 E-Mail Id:- <a href="mailto:deepshikhapo@gmail.com">deepshikhapo@gmail.com</a>	Assistant Professor	M.P.O., B.P.O.	
3	Mr. Subhasish Paikray(P&O), Mob. No.: - 7978695146 E-Mail Id:- subhasishpaikray@gmail.com	Assistant Professor	M.P.O., B.P.O.	
4	Dr. Gauri Panse (P&O), Mob. No.: -8779746377 E-Mail Id:- panse.gauri07@gmail.com	Assistant Professor	M.P.O., B.P.O.	
5	Dr. Ravikumar Barela(P&O), Mob. No.: -9561505791 E-Mail Id:- <a href="mailto:barelaravikumar@gmail.com">barelaravikumar@gmail.com</a>	Demonstrator	B.P.O.	
6	Dr. Simranjeet Kaur Manni (P&O), Mob. No.: -9920715285 E-Mail Id :- simranjeetkaur098@gmail.com	Demonstrator	B.P.O.	

## STATUTORY PERMISSION AND INTAKE OF THE PROGRAM

- **Governed by Rehabilitation Council of India (RCI) New Delhi**
- **Intake capacity per year is 25 students**
- **Certificate of Approval vide letter no.**

- ❖ 17-808/B.P.O/RCI dated 2<sup>nd</sup> July 2020, for the academic session from 2020-2021 to 2024-2025.
- ❖ 17-808/B.P. O/RCI -6708 dated 20<sup>th</sup> June 2017, for the academic session 2017-18, 2018-19 &2019-20.
- ❖ 17-808/BPO/14/RCI dated 11<sup>th</sup> July 2014, for the academic session 2014-15, 2015-16, 2016-17.

## FACILITIES AND INFRASTRUCTURE

**Didactic sessions:-ICT enabled  
Classrooms with Air Condition facility**



**Non-Didactic:- Demonstrations in Spacious  
Workshop with Air Condition facility**



**Spacious laboratories are fitted with the best of equipment**

**Suction machine with combination Oven**



**Single Hose Vacuum suction**



Measurement and Casting Room



Modification Room



Central Library



# Industrial Visit

**Industrial visit to Ottobock India private limited (A Multinational Rehabilitation company)**



**Industrial visit to National Institute of Rehabilitation Training & Research**



**Industrial visit to All India Institute of Physical Medicine & Rehabilitation. (AIIPMR)**



## **STUDENT SUPPORT / WELFARE: -**

Student support facilities/ Student council has been formed so that students can participate in the teaching-learning process without any barrier.

### **Statutory requirement (e.g. Anti-Ragging, student safety etc.)**

The following committees have been formed to secure the student safety and to curb Ragging, at the institute level.

#### **List of Committees: -**

1. Anti-Ragging Committee
2. Internal Compliant Committee.
3. Grievance Redressal Cell.
4. Internal Complaint Committee
5. Student Council
6. College Council

## Campus life and annual events

### Yoga day celebrations by students



### Participation of Faculty and Students in walkathon



### Athena 2020



### Helmet Activity



### Blood Donation Camp



### Cleaning of historical place on the occasion of World Environment day



### Self-Defense Training Session



### Celebration of Marathi Rajbhasha Divas



### Celebration of International women's Day



## MISCELLANEOUS

### CAMP/ OUTREACH EXTENSION ACTIVITIES

- ❖ On 2<sup>nd</sup> & 3<sup>rd</sup> August 2014, a Continuous Rehabilitation Education program (CRE) was organized in MGM Hospital, Kamothe, Navi Mumbai. The CRE was organized by the Department of Prosthetics & Orthotics in collaboration with Orthotics Prosthetics Association of India (OPAI) with approval from Rehabilitation Council of India (RCI).

Total 50 individuals which included students as well as professionals were benefitted by this CRE, by upgrading their knowledge in “Advancements in Prosthetics & Orthotics “ & getting RCI credit points, which are essential for their continuation of professional registration.

- ❖ A Camp was organized in MGM Hospital, Kamothe, Navi Mumbai from on 23<sup>rd</sup> to 27<sup>th</sup> Feb 2015, by the Department of Prosthetics & Orthotics in collaboration with PODIAPRO Pvt. Ltd. About 100 individuals were assessed for different types of foot deformities. Amongst all, approximately 20-30 patients were benefitted with insoles.



- ❖ MGM Institute's University Department of Prosthetics & Orthotics organized a Seminar on 17<sup>th</sup> April 2015. Total 20 individuals including staffs as well as professionals of different fraternity were benefitted by this Seminar, by upgrading their knowledge in “Advanced systems in Prosthetics”, where two patients were taken into pipeline for fitting.



- ❖ Two Days' CRE program & Hands on Workshop was organized in MGM Hospital, Kamothe, Navi Mumbai. The workshop was organized by the Department of Prosthetics & Orthotics in association with Indian Pedorthic Association (IPA) on 30<sup>th</sup> April & 1<sup>st</sup> May 2016. Fifty individuals including

delegates, students as well as professionals were benefitted by this workshop, by upgrading their knowledge in “Advancements in Pedorthic Medicines”, where 5 patients were given the foot insoles free of charge.



❖ MGM Institute’s University Department of Prosthetics & Orthotics conducted a two Days Rehabilitation Camp on 28<sup>th</sup> & 29<sup>th</sup> March 2017 in association with

Artificial Limbs Manufacturing Company (ALIMCO), which is a government statutory body. Total 50 patients were assessed and measurements were taken. The suitable prostheses and Orthoses were delivered later.



❖ On 18<sup>th</sup> August 2017, Department of Prosthetics and Orthotics had conducted a distribution camp in the collaboration with ALIMCO at MGM University, Kamothe, Navi Mumbai. Nearly 400 Divyangajan (especially abled patients) were distributed aids and appliances such as Prostheses and Orthoses, Motorized wheelchairs, Smart canes, MSEID KITS etc. sponsored by Mazgaon Dock ship Builders Ltd. under CSR (Corporate Social Responsibility) project.



❖ On 23<sup>rd</sup> and 24<sup>th</sup> March 2018, MGMIUDPO organized two days Hands on C.R.E. on “Orthotic Management of Cerebral Palsy” with approval from Rehabilitation Council of India. Total number of 35 delegates participated in this CRE. Two patients were casted and their Bilateral Tone Reducing Ankle

Foot Orthosis were manufactured, and delivered.



❖ Seminar was conducted on 29<sup>th</sup> and 30<sup>th</sup> Nov 2018 on “Advancements in Fabrication and Fitting of Myoelectric prosthesis for Trans- Radial Amputee”. Total 35 students were benefited with this seminar.

Casting, modification and fabrication of Myoelectric Prosthesis was demonstrated by Dr. Abhinav Tripathi, Clinical Head from Endolite India Pvt. Ltd., Mumbai.



❖ ALIMCO had organized an assessment camp for “Divyangjan” under ADIP scheme of Government of India, with support of MP Shri Rajan Vichareon 25<sup>th</sup> Jan, 2019 at Manisha Vidyalaya, Sector - 15, Near Model College, Vashi, Navi Mumbai, from 09.00 am to 5.00 pm. 6 Students and 1 faculty got an insight to the assessment camp and they

successfully assessed 250 patients.

❖ Two days Hands on Continuing Rehabilitation Education Program was successfully conducted which was recognized by the RCI, on “Integrated care of Diabetic Foot Ulcer” on 15<sup>th</sup>-16<sup>th</sup> March 2019. The number of external professionals was restricted to 20 only. Our 36 students benefitted from the enriched



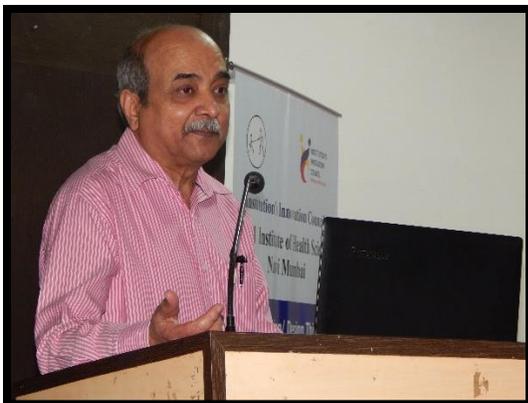
knowledge from expert faculties.

- ❖ On 13<sup>th</sup> August 2019, A C.R.E was conducted by MGMIUDPO on “Advanced Prosthetic Knee Joints.”. Total 43 students & 33 professionals were benefitted with this C.R.E by introducing



advanced Orion and linx prosthetics system which cleared the basic fundamental of biomechanics and educated practical aspects fitting prosthesis to amputee.

- ❖ On 06<sup>th</sup> January 2020, a Programme “Need Based Product Design” was organized by MGMIUDPO under Institution’s Innovation Council (IIC) Activity of MGMIHS for exposure



in the field of Prosthetics & Orthotics. 07 faculties & 131 students were benefitted by motivational speeches delivered by chief speakers.

- ❖ Workshop on live demonstration of “3D Printing Technology” in association with Metafix Pvt. Ltd was organized by MGMIUDPO on 28<sup>th</sup> January 2021. This session was attended by 20 students and 5 faculties which upgraded their knowledge and got an idea about future prospect of 3D Printing Technology in field of Prosthetics & Orthotics.



- ❖ “Workshop on Myoelectric Prosthesis” in alliance with Motorica Pvt. Ltd and Surehab Pvt. Ltd, scheduled by MGMIUDPO on 17<sup>th</sup> February 2021. 40 students and 5 faculties from MGMIUDPO were benefited by this session, they learned the various components of prosthesis also they experienced assembling and disassembling of the prosthesis.



- ❖ Half-day workshop on MyoBox and Myoelectric Prosthesis conducted on 22<sup>nd</sup> July 2022, by MGMIUDPO. Mr. Nabil Ahmed, Head of Operations, Motorica Pvt. Ltd. demonstrated functions and working mechanism of Myoelectric Prosthesis. 23 students and 5 faculties participated in the workshop. They brushed their knowledge and practiced among themselves.



- ❖ Continue Rehabilitation Education (C.R.E) on “Myoelectric INDY Prosthesis”, conducted in Seminar Hall, MGM Hospital, Kamothe, Navi Mumbao organized by MGMIUDPO in association with Motorica Pvt. Ltd. on 28<sup>th</sup> & 29<sup>th</sup> October 2021. This CRE was approved by Rehabilitation Council of India. Casting, pouring, modification, molding of socket, assembly of components and

trial on patient was beautifully demonstrated in the session. 26 delegates and 45 students from MGMIHS were benefitted by this CRE.



❖ Mahanagar Gas limited had organized an assessment camp for “Divyangjan” under ADIP scheme of Government of India, on 24<sup>th</sup> & 25<sup>th</sup> February, 2022 at MGM Institute’s University Department of Prosthetics & Orthotics, Kamothe, Navi Mumbai, from 09.00 am to 5.00 pm. Students and faculty got an insight to the assessment camp and they successfully assessed and took measurements of more than 250 patients. The suitable prostheses and Orthoses were delivered later in distribution camp.



❖ On 18<sup>th</sup> May 2022, MGM Institute’s University Department of Prosthetics and Orthotics had conducted a distribution camp in the collaboration with ALIMCO at MGM University, Kamothe, Navi Mumbai. Nearly 200 Divyangjan (especially abled patients) were beneficial to aids and appliances such as Prostheses, Orthoses, Motorized wheelchairs, Smart canes, MSEID KITS etc. sponsored by Mahanagar Gas under CSR (Corporate Social Responsibility) project.



## **MGM INSTITUTE OF HEALTH SCIENCES, NAVI MUMBAI**

### **Graduate Attributes**

Graduate attributes are the qualities, skills and understandings a university community agrees its students should develop during their time with the institution. These attributes include but go beyond the disciplinary expertise or technical knowledge that has traditionally formed the core of most university courses. They are qualities that also prepare graduates as agents of social good in an unknown future.

(Bowden *et al*, 2000)

A student graduating from MGM Institute of Health Sciences, Navi Mumbai, should attain the following attributes:

- 1 • Dynamic professionalism
- 2 • Exemplary leadership
- 3 • Effective communication skills
- 4 • Scholarly attitude
- 5 • Element of critical thinking
- 6 • Enthusiasm for research
- 7 • Social commitment
- 8 • Global competencies

# HOW TO REACH MAP

1. **MGM Education Campus, Navi Mumbai** is located at start of Mumbai – Pune Express Highway, Sector – 01, Kamothe, Navi Mumbai – 410 209



## How to Reach

**Nearest Airport is – Mumbai Airport (40 Km)**

<b>Nearest Railway Station:</b>	<b>Nearest Local Train Station:</b>
i. Mumbai Central Railway Station (45 Km)	i. Khandeshwar, Kamothe, Navi Mumbai (2 Km)
ii. Thane Railway Station (32 Km)	ii. Mansarovar, Kamothe, Navi Mumbai (4 Km)
iii. Kalyan Railway Station (31 Km)	iii. Kharghar, Navi Mumbai (7 Km)
iv. Panvel Railway Station (5 Km)	

## Contact Details: -

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