



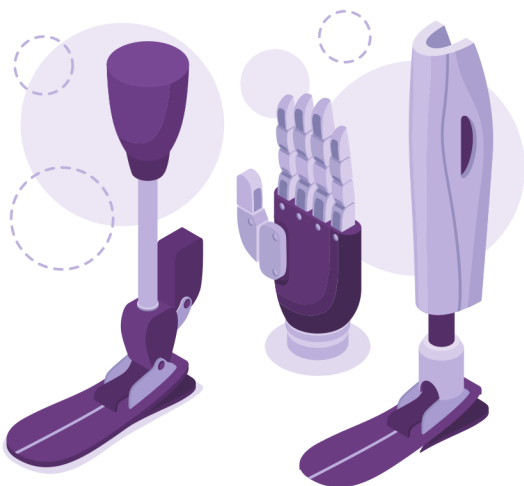
# **Prospectus 2022-23**

**Bachelors in Prosthetics & Orthotics  
(BPO)**

**MGM Institute's**

**University Department of  
Prosthetics & Orthotics,  
Navi Mumbai**

**(A constituent unit of  
MGM Institute of Health Sciences,  
Navi Mumbai)**





The best way to find yourself is to lose  
yourself in the services of the needy.

MAHATMA GANDHI

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# Vision & Mission

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## MGM Institute's University Department of Prosthetics & Orthotics

### 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.



# About the Department



We rise to great heights by a winding staircase of small steps.



MGM Department of Prosthetics and Orthotics started rendering services since 2011, under the MGM Medical College and Hospital, Navi Mumbai. The department is empaneled under the Mahatma Jyotiba Phule Jan Arogya Yojna (MJPJAY) for Raigad District and has been playing pivotal role in providing aids and appliances to “Divyangjan”.

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 2014.

Since its establishment, the department aims to make the 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.



With interdisciplinary approach, the patients have been provided with the best assistance possible, concurrently training future Prosthetists and Orthotists who will excel in this unique field by delivering the necessary quality health-care services.

# About the Programme

## Bachelor in Prosthetics & Orthotics

- Duration: 4 years + 6 months Internship
- Recognized by Government statutory body - Rehabilitation Council of India
- Intake: 25 students per batch
- Eligibility Criteria:
  - 10+2 Candidate with minimum 50% aggregate in PCBE / PCME
  - Lateral Entry for DPO candidates directly to Third Year BPO
- Examination pattern: Annual

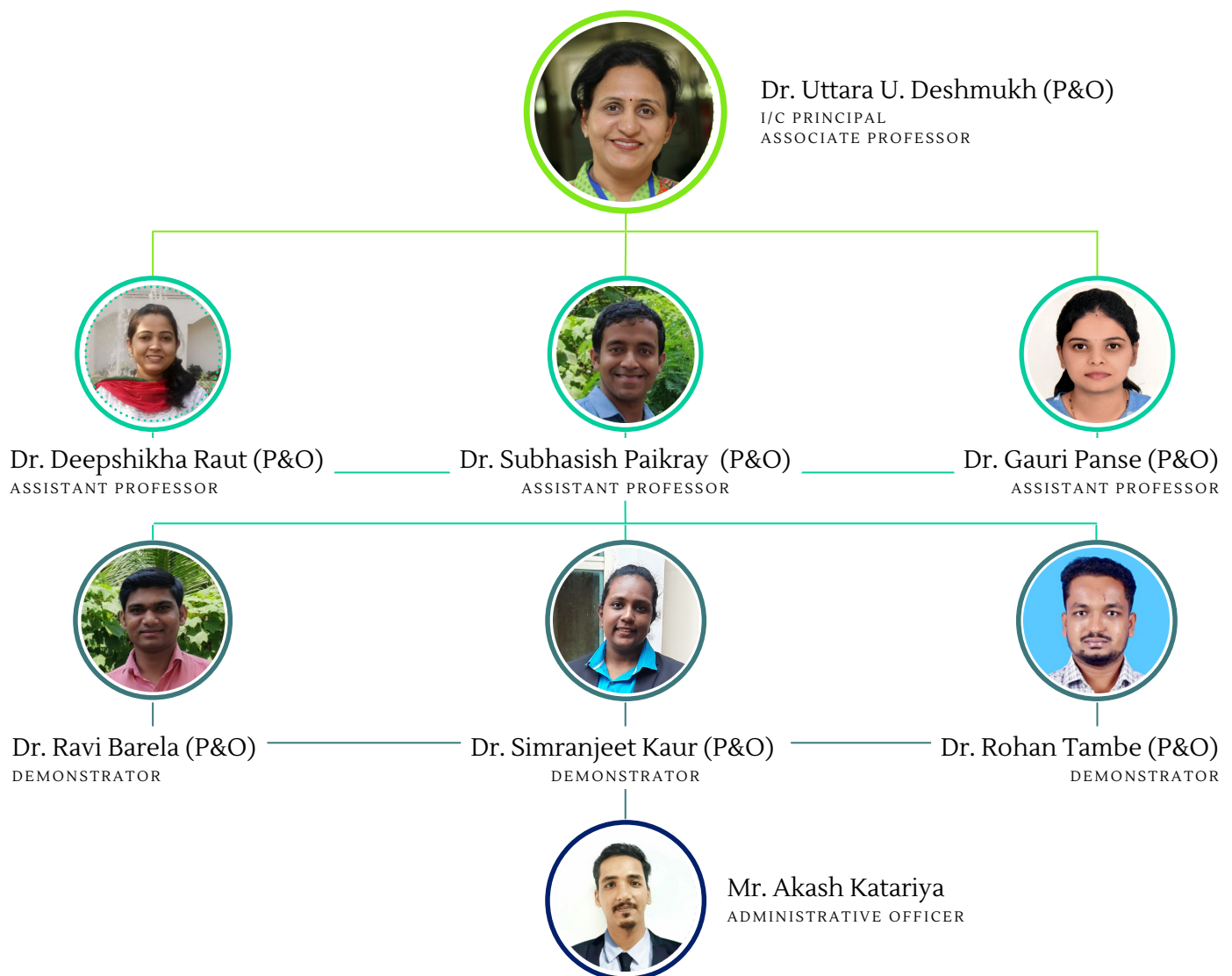


Prosthetics and Orthotics is a specialized health care profession, which combines a unique blend of clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe, fabricate, and fit Orthoses and Prostheses. This work requires substantial clinical and technical judgment. We strive to train the students to excel in providing their services to the Divyangjan in camps and rural setups, besides their regular training in academics and hospital setups.



# Faculty Profile

The institute is administered under the able hands of our faculty. Their ample competency in the respective fields and lines of job ensures that all the cogs and gears of the institute function in sync with each other. The core faculty of the institute are:



To overlook the subjects which concern various departments from the medical as well as the engineering fields, the institute has renowned guest/visiting faculties taking over appropriate topics/lectures.

# Infrastructure



Prosthetic Lab



Orthotic Lab



Classrooms

P&O



Modification Room



Library



Machine Room



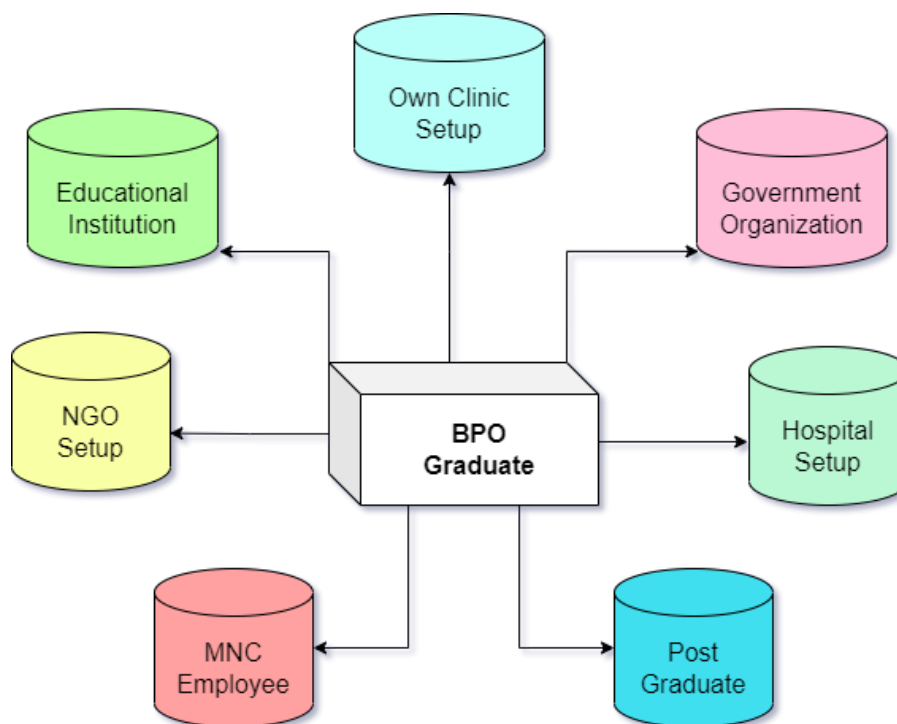
Canteen



Sports Ground

# Future Scope of BPO

Over the next ten years, employment of orthotists and prosthetists is expected to rise by 20 percent, far faster than the average for all occupations.\* With the growing population, orthotists and prosthetists will be needed because both diabetes and fatal accidents, two leading causes of loss of limbs, are more prevalent among the population.

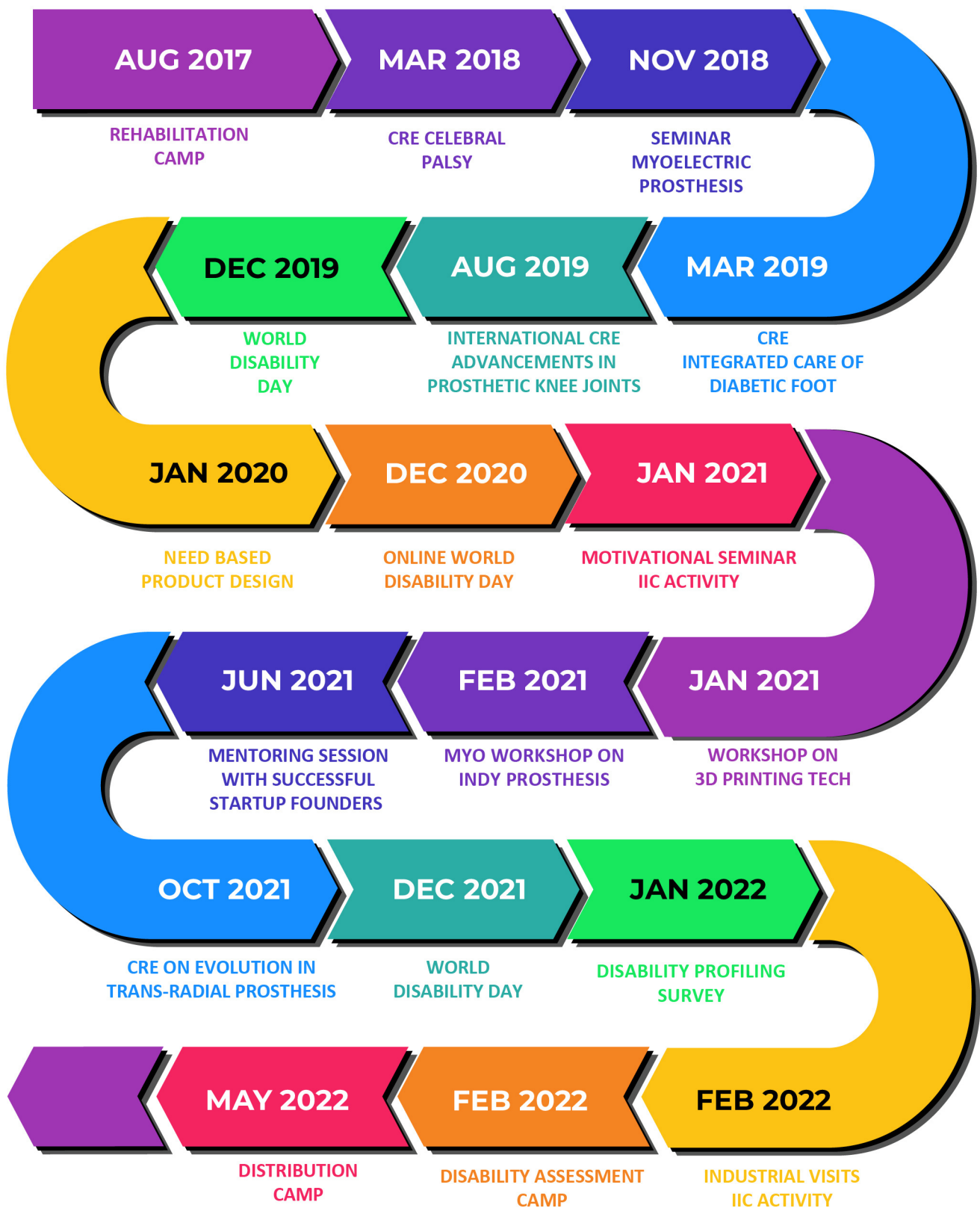


Upon completion of the Bachelor's degree in Prosthetics and Orthotics, young students have the liberty of either expanding the spectrum of the course to profession or pursuing the predetermined employment.

In addition to entering the industry, some students may choose to pursue a Masters in Prosthetics and Orthotics program. It will upgrade a student's spectrum to a bird's point of view in terms of knowledge and will help them gain advanced academic, practical & research approach competent for the field requirements. The Masters degree shall also act as bridge for pursuing a Doctorate degree in the future.



# Extension & Outreach Activities



# Research Activities



The students and faculty of MGMIUDPO have presented their research papers in Orthotic Prosthetic Association of India (OPAI) 2020 and 2022 conferences, and have received recognition in their respective line of studies, ranging from awards for their papers & posters to Best Student awards in various categories.

One of our students, has been selected for 'Navnirman -2022 Research Project Competition Track-1', for oral presentation under 'Shodh Shikhar 2022,' a conference organized by Rabindranath Tagore University, Bhopal, Madhya Pradesh, celebrating Swatantrata Ka Amrit Mahotsav under Atma Nirbhar Bharat. It is about promoting innovative ideas which will be incubated in India for Indian population.

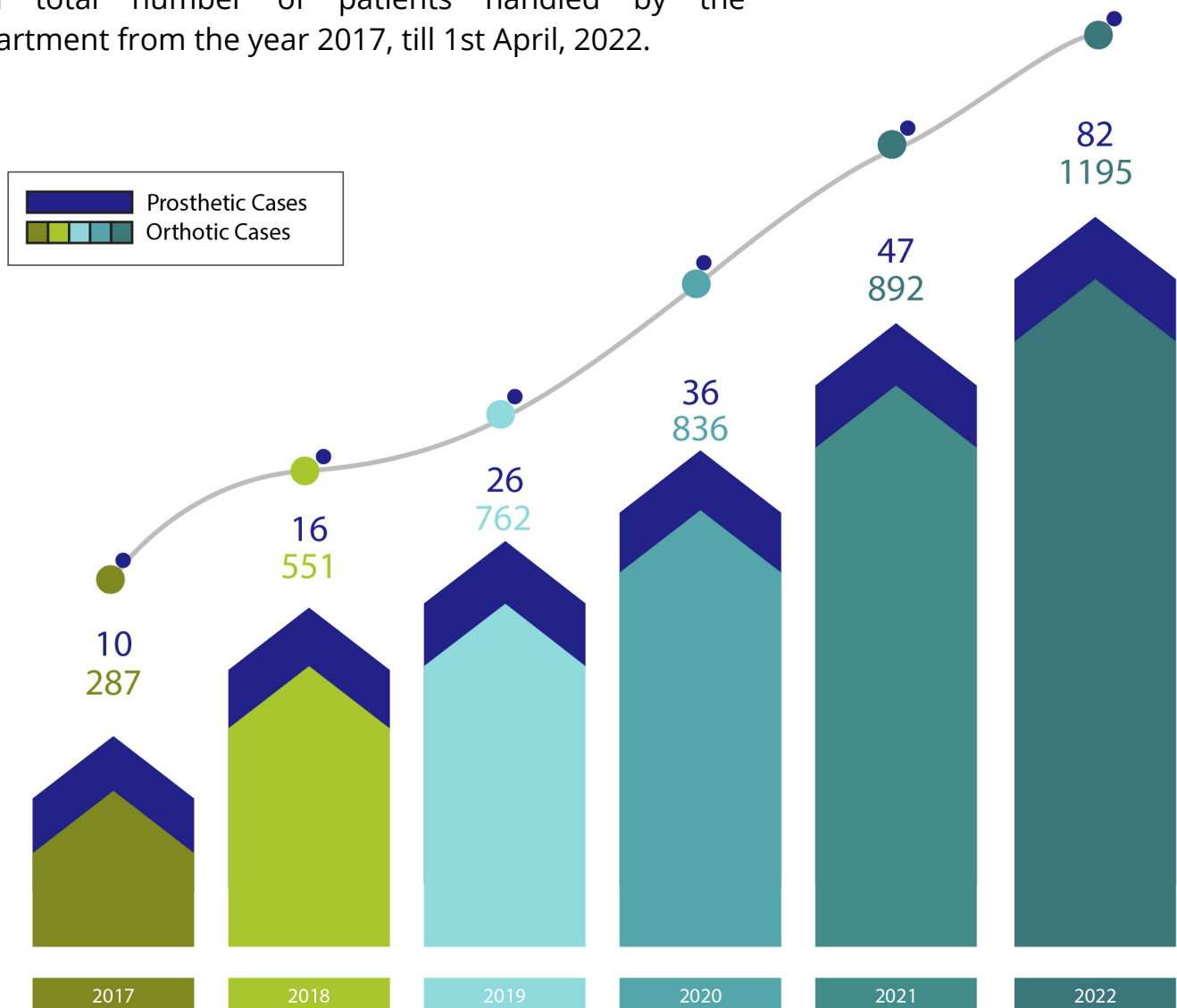
MGMIUDPO, in collaboration with the Incubation Innovation Centre (MGMIHS), wholly encourages and supports its students with research ideas by providing them materialistic, monetary and moral support to successfully conduct such studies. These can further be upgraded into startup ideas for their own future.

# Clinical Service Trend

The institute realizes that aside from classroom education, clinical knowledge stack and readiness to face real-time patients is a must for every prosthetist and orthotist.

Hence, apart from the didactic lectures, seminars, assignments, guest lectures, workshops and conferences, the institute ensures that the students are able to handle patients during their academic tenure. Hence they are exposed to the clinical aspects of various practical demonstrations, patient fitments and multiple case presentations, for the development of their real-life patient case tackling abilities.

The following graph pictorially depicts the cumulative sum total number of patients handled by the department from the year 2017, till 1st April, 2022.





# Customised Institutional P&O Devices

Prosthetics and Orthotics is an educational program, which requires a holistic approach towards the patients to find out acceptable solutions. This comprehensive, full-profile education provides immediate technical readiness to the graduates to fully assist Divyang patient care all over the world.

The internship is based on clinical placement to enhance student's clinical skills in assessment, prescription, measurements, fabrication, fitting & checkout of Prosthetic & Orthotic appliances to the needed patients. The images which follow are a glance on the outputs which the Institute fabricates as per the patient requirements.



## Industry - Academic Association

The institute firmly believes that Field Visits are an important aspect in gaining practical approach when a student has to work in the industry. Hence, the institute regularly conducts Field Visits, CREs, workshops and seminars in association with widely acclaimed organizations.



Visit to  
Proactive India Pvt. Ltd.  
Pune

Visit to  
AIIPMR, Mumbai



# Graduate Attributes

MGMIUDPO ensures that at the end of their graduation, the institute has instilled the following graduate attributes in the students through the means mentioned as follows:



## **Dynamic Professionalism**

Clinical Postings, value added courses



## **Exemplary Leadership**

Appointing various committee roles, class representative responsibilities



## **Effective Communication Skills**

Soft skills development, various presentations, debates & speeches



## **Scholarly Attitude**

Encouraging scholarship schemes, enforcing ranking systems



## **Critical Thinking**

Participation in quizzes, problem based learning, case presentations



## **Research Enthusiasm**

Coaching research projects, paper & poster presentations in conferences



## **Social Commitment**

Participating in NSS Activities, Unnat Bharat Abhiyan and Swachh Bharat Abhiyan



## **Global Competancies**

Attending International CREs, keeping up to date with latest tech know-hows

# Honors and Recognitions

The difference between a successful institution and others is neither lack of strength nor the lack of knowledge, but rather a lack of will.

We at MGMIUDPO dare to leap. The strength of our achievements is rooted in the depths of our passion. MGMIUDPO proudly boasts an array of achievements and awards among the budding minds of the students as well as the experienced hands of the faculty. Here's a glimpse of some of the achievements.

## *Best Teacher Award AY 2020-21*

*Institute of Scholars*

*Dr. Uttara U. Deshmukh (P&O)*



## *Best Student Award AY 2020-21*

*OPAI Conference 2022*

*Mr. Tejas Pandit*



## *Best Student Award AY 2021-22*

*OPAI Conference 2022*

*Ms. Sana Khan*



## *Runner-up Poster Presenter Award*

*OPAI Conference 2022*

*Ms. Afra Khatri*

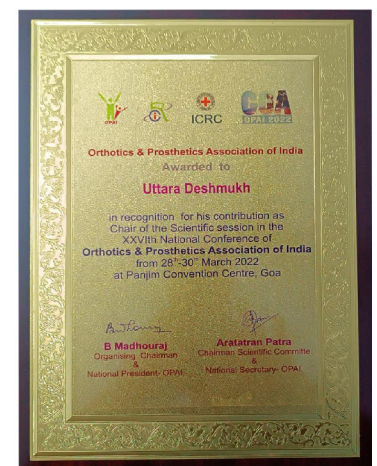


## *Real Super Woman Award 2021*

*Forever Star India Awards*

*Dr Uttara Deshmukh (P&O)*

*-> Valuable work in the field of Prosthetics and Orthotics*



## *Recognition for Chairing Scientific Sessions*

*OPAI Conference 2022 - Goa*

*Dr. Uttara U. Deshmukh (P&O)*



# Career Pursuits



Affiliated with Clinical  
Institutes



ALIMCO, Mumbai



SAI P&O Research Center,  
Mumbai



ALC Pune



PodiaPro, Mumbai



MGMIHS, Navi Mumbai



Carevale, Hyderabad



Post Graduation



Sachin P&O Rehab, Pune

What will grow depends on what is sown in the soil. MGMIUDPO provides all the resources a job-ready student requires and a quality education which in turn reflects the efforts of teaching and non-teaching staff of the institute. The MGMIUDPO team provides a constant support so that all the aspects of job opportunities for the students are covered from preparation to interview process.

With that being said, the above graphic is a glimpse of few of the many paths that the alumni chose to tread and excel in. These include jobs in government institutes, private sectors, MNCs, entrepreneurship, further studies etc.

## Alumni Corner

“

I feel very proud to be a part of MGM Department of Prosthetics and Orthotics. The campus is filled with positive energy and exuberance, where I had the opportunity to learn immense amount of information about Prosthetics and Orthotics. My journey of becoming a P&O has finally culminated. I appreciate everyone's valuable contribution for making me what I am today.



”

*Tejas Pandit, Batch 2016 -17*

“



It was my immense fortune to be the part of MGMIUDPO. It has helped as a building block for my career. The college is well equipped with facilities that brings about the best in us. In very short span of life I was able to learn a lot, which helped me academically as well as personally. The entire faculty and department leaves no stone unturned to shape one's future. The homely environment, co-operative seniors and dedicating teachers makes the every BPO student feels that they have selected the exact and best college for their career.

”

*Nilam Mapari, Batch 2017 -18*

“

MGM University is a place of learning, fun, culture, lore, literature and many such life preaching activities. Studying at the MGMIUDPO brought an added value to my life. It gave me an opportunity to meet different people and learn new things. I have received a great support from faculties & students. I am thankful to the training which gave me a platform to enhance my skills and an opportunity to showcase them.



”

*Manisha Yadav, Batch 2016-17*

# Alumni Corner



MGMIUDPO have taught me a lot both professionally and personally. I have been able to expand my skillset and strengthen the skills I possessed coming into this passion. It taught me to turn Disability into Ability. The variety of cases that I completed under the directions of faculty have allowed me to understand what my strong suits are and what I want to work in the future. I am able to see the difference a Prosthetist and Orthotist can make in a community. I am grateful for the guidance from the Head of Department, staff, colleagues, and mentors of MGMIUDPO.

*Sana Khan, Batch 2017-18*

During my stay of four and half years in MGM institute of health and sciences, I have received a lot of opportunities to succeed in future. Thanks to my ever inspiring mentors in the department of Prosthetics and Orthotics who helped me discover best part of myself.



*Shubham Pawar, Batch 2016-17*



MGMIUDPO has taught me how to work on and with a team, better organizational skills and have even allowed me to acquire leadership qualities from working directly with professionals in my field. I feel proud that I am a part of the institute. One of the greatest benefits that I have received at this institute is the knowledge that I actually enjoy doing what it is I have been studying for and I realize that I've changed patients' lives and because of me that patient did not give up. That is the day when I live. Always.

*Afra Khatri, Batch 2017-18*

## Alumni Corner

“

As living in a small village, it was a diamond opportunity for me to come to a dream city like Mumbai with a passion to learn in MGMIUDPO. And I don't mind admitting that I struck diamond on that front. It has been a wonderful four and half years journey for me with lots of experiences and opportunities, where I know I have developed myself both as an individual and as a professional in order to face this outside world.



”

*Rohan Tambe, Batch 2017 -18*

“



During my four years of bachelor studies, I have gained the knowledge and skills that will help me develop my future career as an prosthetist and orthotist. Studying at MGMIUDPO brought an added value to my life, gave me the opportunity to meet different kinds of people and learn numerous things. I am thankful to all the passionate teachers who always provided us with amazing opportunities and challenges that kept us on our toes and made us more capable of solving problems. I am glad to be a part of MGMIUDPO.

”

*Misbah Choudhary, Batch 2017 -18*

“

When I entered this field, P & O seemed a very strange world to me. But the faculty were very supportive and helped us to look into pathways. In my student tenure, the college has helped me a lot to boost up my confidence and interpersonal skills. Huge respect and devotion for entire faculty members and department. Also, there were so many extracurriculars to get involved. I would like to share a lesson that I have learnt - make mistakes and learn from them. MGMIUDPO taught me to rectify those mistakes and empower myself.



”

*Pranita Tambe, Batch 2017-18*





## DEPARTMENT OF PROSTHETICS AND ORTHOTICS



A constituent unit of

**MGM INSTITUTE OF HEALTH SCIENCES**

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

Grade 'A' Accredited by NAAC

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