



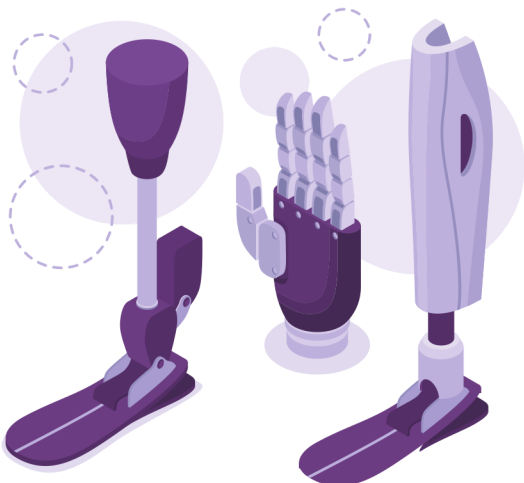
Prospectus 2021-22

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)



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Vision & Mission



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

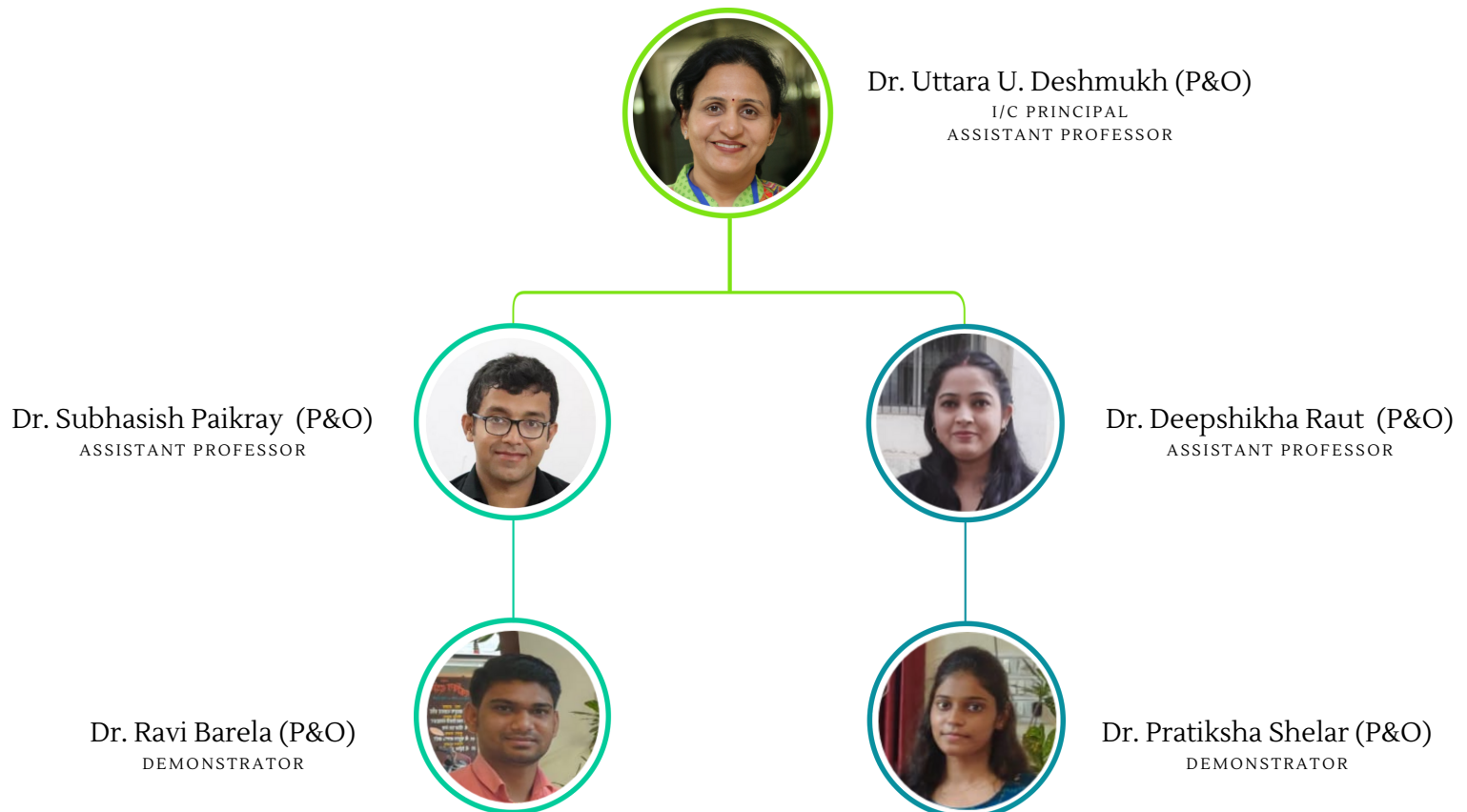


Prosthetics and Orthotics is a specialized health care profession, which combines a unique blend of clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe, fabricate, and fit Orthoses and Prostheses. This work requires substantial clinical 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



Modification Room



Library



Machine Room



Canteen



Sports Ground

Future Scope of BPO

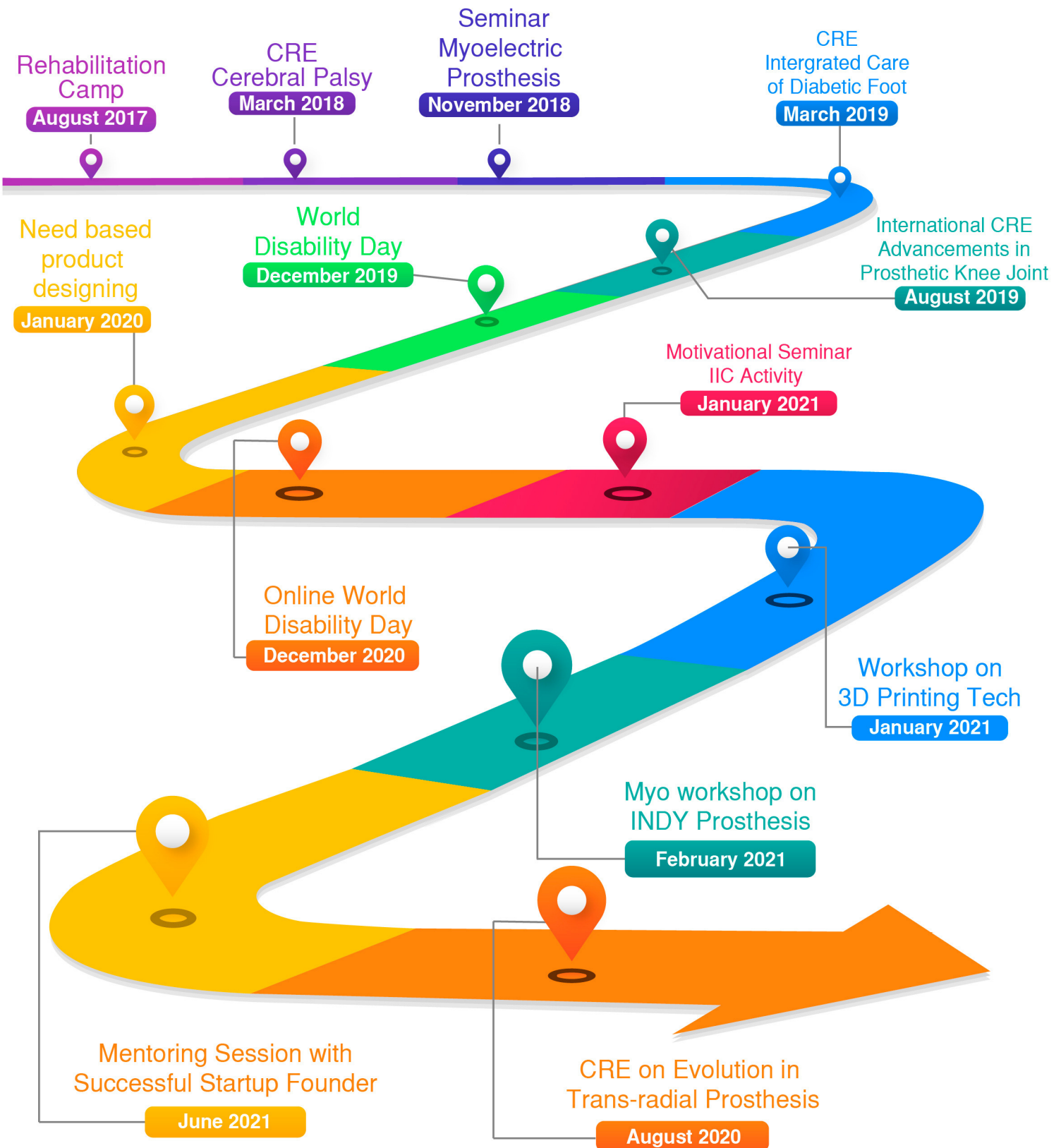
Over the next ten years, employment of orthotists and prosthetists is expected to rise by 20 percent, far faster than the average for all occupations.* With the growing population, orthotists and prosthetists will be needed because both diabetes and fatal accidents, two leading causes of loss of limbs,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

Extension & Outreach Activities



Research Activities



The students of MGMIUDPO have presented their research papers in Orthotic Prosthetic Association of India (OPAI) 2020 conference, and have received recognition in their respective line of studies.

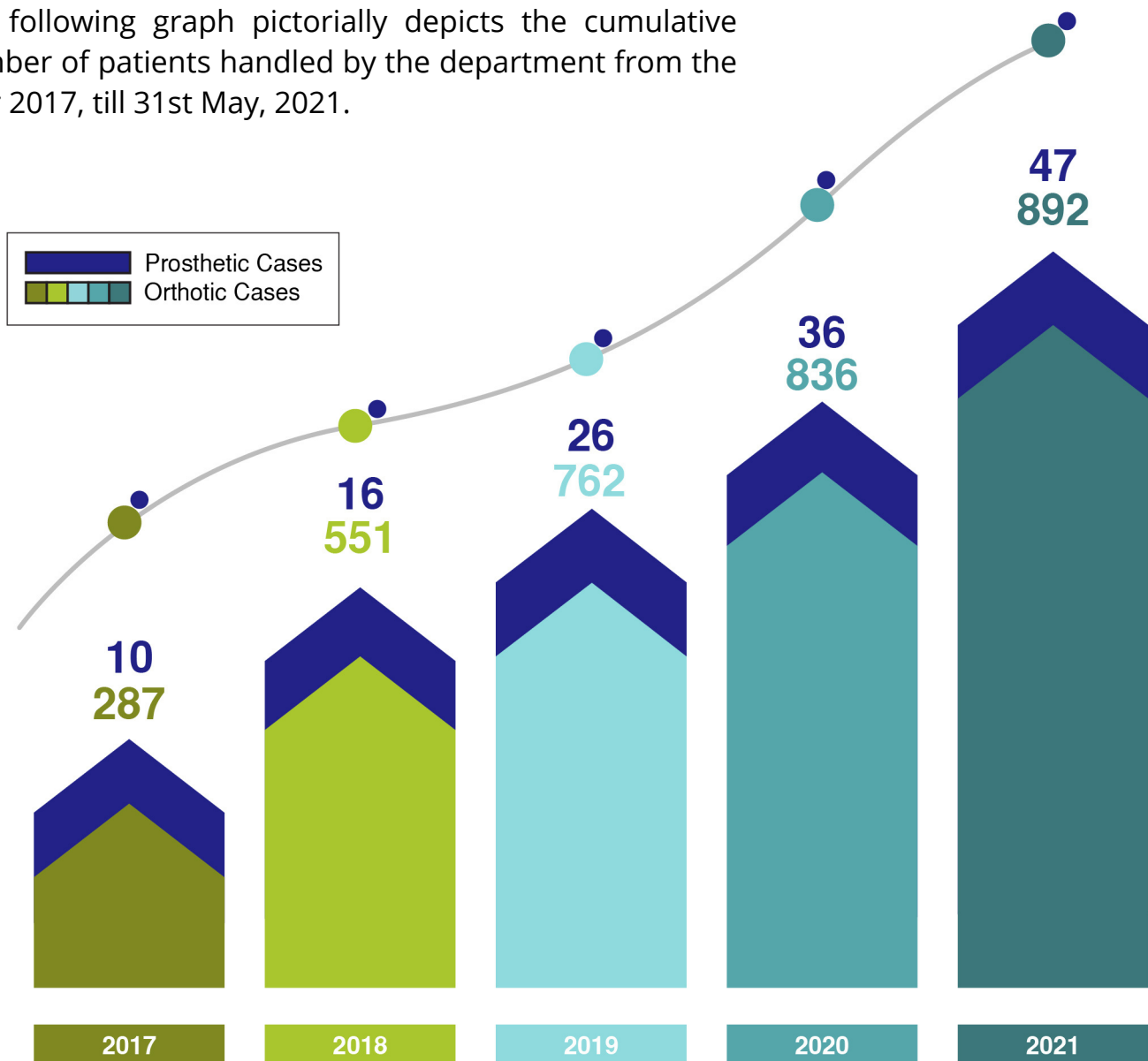
MGMIUDPO, in collaboration with the Incubation Innovation Centre (MGMIHS), wholly encourages and supports its students with research ideas by providing them materialistic, monetary and moral support to successfully conduct such studies. These can further be upgraded into startup ideas for their own future.

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 number of patients handled by the department from the year 2017, till 31st May, 2021.



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
Endolite India Ltd.



Visit to
S.V. NIRTAR,
Odisha.

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:



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 luck with great and memorable journey to be a part of MGM Institute's University Department of Prosthetics and Orthotics for four and half years. It gave me an opportunity to learn the new things and also apart from academics it helped me in the personality development. Faculties have put all the efforts to groom us and make us the professionals.

-- SimranjeetKaur Manni, Batch 2016-17



During my stay of four and half year 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

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



With great pleasure I am proud to say that I have completed my "Bachelors in Prosthetics & Orthotics from MGM Institute's University Department of Prosthetics and Orthotics. The relationship between the faculties and students is very cordial, which gave me an opportunity to excel in my area of interest. Two years spent here were splendid and helped me to grow better professionally and personally, Thanks to all the faculties MGMIUDPO for making me a "Better Person".

-- Rafiq Ahmed, Batch 2016-17