



# Prospectus



Rajiv Gandhi University Of  
Health Sciences, Karnataka



Rehabilitation Council  
Of India, New Delhi

AFFILIATION  
&  
RECOGNITION



International Society For  
Prosthetics & Orthotics



Courtesy: Amit - Accenture



Courtesy: Deepak - Accenture



Courtesy: Amit - Accenture

## *Introduction*

**Mobility India** (MI) established in Bangalore, as a registered society in **1994** has been a progressive force in the disability, development and rehabilitation sector.

Professional development of human resources in the field of disability is vital to the entire process of rehabilitation. However, the demands for the rehabilitation professionals are still high. This creates a void, a shortage of these professionals in the remote and rural communities, conflict affected regions especially North-Eastern states in India as well as in low and middle income countries. To combat this shortfall, Mobility India has been incessantly working towards educating and training professionals across diverse rehabilitation programs.

Mobility India has the credit of being the only institution in South India commencing and **continuing the Prosthetics & Orthotics (P&O) course since 2002** successfully. In addition, Mobility India attains the status of the only institute in India to acquire **international affiliation** (International Society for Prosthetics and Orthotics complete CAT II).

The education and training programmes conducted by Mobility India belongs to the domains of assistive technology, prosthetics, orthotics, rehabilitation therapy assistant. Apart from this, Mobility India conducts Wheelchair Service Training Package (WSTP) for Basic, Intermediate and Manager level professionals as per WHO guidelines, Continuing Rehabilitation Education (CRE), workshops, seminars and conferences. MI also provide Internship and research opportunities.

## *Course on Prosthetics & Orthotics*

Prosthetics and Orthotics courses instruct students in the principles of designing and fabricating prostheses and orthoses, developing patient evaluation skills and creating individualized treatment plans. Patient volunteers participate throughout the span of the program allowing students to gain practical experience in all aspects of the clinician-patient experience.

## *Who are Prosthetists & Orthotists*

Prosthetists & Orthotists are qualified **Allied Health Professionals** who assess and treat the physical and functional limitations of people resulting from illnesses and disabilities, including limb amputations. They are trained to prescribe, design, fit and monitor Prostheses & Orthoses.

## *Career Prospects*

- ★ Government & Non-Government Rehabilitation Centres ★ International Agencies
- ★ Self-Employment ★ Research & academic institutions ★ MNC
- ★ Major Hospitals ★ Higher Studies

# Bachelor in Prosthetics & Orthotics (BPO)

4½  
Years

*Eligibility Criteria:* **Indian Students:** Have successfully completed **12 years** of schooling from recognised and State Boards with Physics, Chemistry and Mathematics/Biology with **50%** score and 45% score in case of SC/ST/OBC candidates.

**SAARC/NRI/Overseas Students:** Have successfully completed '**A**' level schooling with **50%** score from Boards/Councils/Intermediate Education established by respective Countries recognised as equivalent to 10+2 in Science stream with Physics, Chemistry and Mathematics/Biology affiliated from Rajiv Gandhi University of Health Sciences, Karnataka.

*Lateral Entry:* Have passed Diploma in Prosthetics & Orthotics approved by Rehabilitation Council of India will be admitted directly to 3rd year BPO, provided they have successfully completed 10+2 with Physics, Chemistry and Mathematics/Biology. Admissions is subject to availability of the seats in 3rd year.

*Course Syllabus:* The theoretical learning includes Basic Life Science, Materials and Applied Mechanics, Biomechanics, Computer Science, Physical Medicine and Rehabilitation, Orthopaedic and Amputation Surgery, Electricity and Electronics, Engineering Drawing, Research and Prosthetics and Orthotics Sciences. Apart from theoretical learning, the syllabus also includes six months compulsory clinical practice.

## ADMISSION OPEN FOR 2017-18

Application & Prospectus available



# *ISPO CAT II Prosthetics & Orthotics*

*Duration:*

**ISPO CAT II Single Discipline:**

1½  
Years

**I. Lower Limb Prosthetics (LLP) II. Lower Limb Orthotics (LLO)**

**ISPO CAT II Orthopedic Technologist**

3  
Years

*Eligibility Criteria:*

**Indian Students:** Have successfully completed **12 years** of schooling with any stream with **50%** score

**SAARC/NRI/Overseas Students:** Have successfully completed '**A**' level schooling with **50%** score from Boards/Councils of Higher Education established by respective countries recognised as equivalent to 10+2 in India.

**or**

Have successfully completed **10 years** / '**O**' level of schooling with 50% score and 2 years of work experience in Prosthetic and Orthotic domain/industrial training institute certificate/Diploma in Mechanical, Electrical/Electronic Engineering.

*Course Syllabus:*

The theoretical learning includes Basic Life Science, Materials and Applied Mechanics, Biomechanics, Physical Medicine and Rehabilitation, Orthopaedic and Amputation Surgery and Prosthetics and Orthotics Sciences. Students will get practical exposure in terms of service user management, working in rural and institutional set ups.

**ADMISSION OPEN FOR 2017-18**

**Application Form available**

*1187 students from 26 countries graduated till date and counting ...*



*Who are RTAs:* They are second generation health care professionals working with physically challenged, ageing population in regaining their physical, social and mental abilities. Through various therapeutic interventions, their focus is on enhancing functionalities.

*Eligibility Criteria:* **Indian Students:** Have successfully completed **12 years** of schooling with any stream with **50%** score

**SAARC/NRI/Overseas Students:** Have successfully completed '**A**' level schooling with 50% score from Boards/Councils of Higher Education established by respective countries recognised as equivalent to 10+2 in India.

*Course Syllabus:* Students will have theoretical learning on different disabling conditions like Post-Polio Residual Paralysis, Amputation, Intellectual Disability, Cerebral Palsy, Spinal Cord Injury, Autism, life style diseases and ageing. Other theoretical courses includes General Sciences, Rehabilitation Intervention, Inclusive Development and Community approaches. As practical exposure, students will also learn designing and fabrication of assistive devices and exercise therapy materials and will get opportunities for working in rural and institutional set ups.

### *Role of RTAs:*

- ★ Implementing the rehabilitation program as directed by physiotherapist or occupational therapist
- ★ Orientation on group and individual exercise programs
- ★ Mobility training on usage of wheelchair and other assistive devices
- ★ Instructing patients in self-care and instrumental activities of daily living
- ★ Assisting in making, modifying and adapting self-help devices and equipment.

### *Why to choose course at Mobility India*

- ★ Student-centric learning environment
- ★ National & International standard education
- ★ Well-equipped infrastructure & facilities
- ★ Clinical rotations in private and institutional environment
- ★ Skill development through research & experiential learning



# *Other Workshops we run:*

★ **WHO Wheelchair Service Training Package**

• Basic • Intermediate • Manager

★ **Continuing Rehabilitation Education (CRE) Programs**

★ **Short term Courses**

For enquiry contact

**Manager  
Academic Administration**

**MOBILITY INDIA**

Rehabilitation Research & Training Centre

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