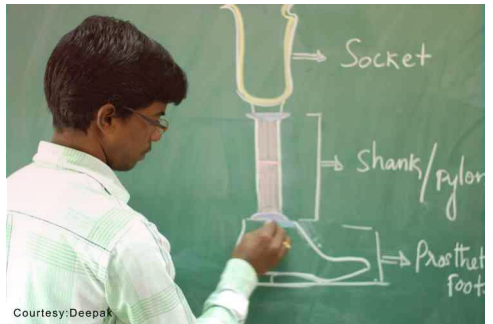




**"15 years in
Healthcare
Professionals Training"**



PROSPECTUS

Courses at MOBILITY INDIA



Introduction: Mobility India (MI) was established in Bengaluru, as a registered society, in 1994. MI promotes inclusive development work by providing education and training programmes in the areas of assistive technology, including prosthetics, orthotics & wheelchair service provision, rehabilitation therapy, community based rehabilitation, and accessibility. MI provides services related to rehabilitation and assistive technology to facilitate better quality of life for people with disabilities, especially those who are poor and disadvantaged.

Mobility India is the first institution who started Prosthetics and Orthotics courses in south India and received International Recognition for its courses.

Prosthetics and Orthotics: Prosthetics and Orthotics is a challenging career that combines engineering and medical disciplines to offer a unique opportunity in the delivery of health care. Prosthetists and orthotists are involved in the rehabilitation of people who require external medical devices to enhance movement and function. They work in a challenging and rewarding profession where they see patients on a daily basis and usually over a long term.

Rehabilitation Therapy: Rehabilitation therapy (RT) includes training, exercises & compensatory strategies, education, support & counseling, environment modifications and assistive devices & technology, which along with prosthetics & orthotic (P & O) devices provides PWDs and their caregivers the skills to use these devices. RT helps restore & compensate for the loss of functioning & prevents deterioration of mobility.

Personal skills: A candidate who intends to join rehabilitation field should have communication, helping and caring skills. He / She should be sensitive and must have fair amount of patience and tolerance. Reliability, honesty and trustworthiness, enthusiasm, dedication and determination are some of the other qualities that a candidate must possess. The candidate should have aptitude for life sciences as well as engineering studies.

Why study at Mobility India

- ▶ High standard of theoretical training along with hands on experience.
- ▶ Exposure to latest P & O technology.
- ▶ Various learning process comprising of lecturers, seminars and workshops.
- ▶ Participatory approach for learning to enable students to carry out their professional's role efficiently & effectively.
- ▶ Provides best infrastructure with well-equipped training facilities & classrooms.
- ▶ Hostel & Canteen facilities.

Bachelor in Prosthetics & Orthotics

4½
Years

Entry Requirements:

Indian Students: Have passed 12 year of schooling from recognised central and State Board with Physics, chemistry and Mathematics/Biology with 40% of marks (PCB/PCM) and 35% in case of SC/ ST/OBC candidates

SAARC/NRI/Overseas students: Have passed “A” level schooling conducted by Boards/ Councils/ Intermediate Education established by their respective country recognised as equivalent to 10+2 in science by the Rajiv Gandhi University of Health Science with physics, chemistry and mathematics/biology.

Lateral entry: Have passed Diploma in Prosthetics & Orthotics approved by RCI shall be admitted directly to III year BPO course, provided that they have passed 10+2 with Physics, Chemistry, Biology or Mathematics as optional subjects.

Affiliation & Recognition:



Rajiv Gandhi University of
Health Sciences, Karnataka



Rehabilitation Council
of India, New Delhi



Applied for CAT I
International Society for
Prosthetics & Orthotics

Course areas: The course is both engineering and medical based. The syllabus includes classes in basic life sciences and engineering, workshop technology, orthopaedics, computer studies, physical medicine and rehabilitation, mobility aid, prosthetics and orthotics. After completion of final year examinations, Students will have an opportunity to undergo a six month internship.

Career: There is a great demand for qualified professionals in India & also throughout the world. Graduates will get placement as a Prosthetist/Orthotist in Rehabilitation Centres, Hospitals, MNC's and Manufactures, Institution and Self-employment, in Government and NGO sector. Students will also have a scope for higher studies.

The Role of Prosthetists & Orthotists: The prosthetist is a one who provides artificial limb as a replacement for a limb lost through congenital loss, accident or amputation. The orthotist is a one who designs and fits orthoses (splints, braces, etc.) which support to part of a patient's body in order to compensate for paralysed muscles & provide relief from pain. This field is very broad, allowing for orthotists to become specialists in areas such as paediatrics, diabetes, and stroke or sports orthotics.

Rehabilitation Therapy Assistant

12
Months

Entry Requirements:

Indian Students: Have passed 12 year of schooling with any stream

SAARC/NRI/Overseas students: Have passed “A” level schooling/ requisite qualification from foreign universities or Boards/ Councils of higher education established by respective country recognised as equivalent to 10+2 stage of India.

Course areas: The syllabus includes different types of disabilities like Cerebral Palsy, Spinal Cord Injury, Polio, Amputation, Intellectual disability, Autism etc. and other subjects like Anatomy, Physiology, Rehabilitation Interventions (includes Physiotherapy & Occupational therapy), Disability, Inclusive Development and CBR approaches, design and fabrication of assistive devices includes developmental aids, simple exercise therapy materials and mobility devices. During the course, students have two rural placements for 2 weeks each in a year in the rural organisations of Mobility India where students are given exposure in CBR settings.

Career: There is a great demand for RTA's especially in developing countries. The successful completed RTA's can find the work as rehabilitation therapy assistants in rehabilitation centers, hospitals, mental health facilities, nursing homes, NGO's, schools, & governmental institutions and private physiotherapy clinics in both urban and rural settings.

Affiliation & Recognition:



The Role of Rehabilitation therapy assistants: Rehabilitation Therapy Assistants are second generation of health care professionals who work for people with disabilities (PWD) and ageing population to help regain their physical, social and mental abilities through therapeutic exercises/activities with focus on functional approach.

The role of the RTA's varies depending on the practice setting, which includes implementing the rehabilitation interventions, training users on self-care and instrumental activities of daily living, family/parental education on disability & rehabilitation, suggest on home modifications, design & fabricate assistive devices.

ISPO CAT II Prosthetics & Orthotics

Entry Requirements:

Indian Students: Have passed 12 year of schooling with any stream

SAARC/NRI/Overseas students: Have passed "A" level schooling/ requisite qualification from foreign universities or Boards/ Councils of higher education established by respective country recognised as equivalent to 10+2 stage of India.

or

10 years schooling with Prosthetic and Orthotic Working experience /Industrial training institute certificate/ Diploma in Mechanical, Electrical/ Electronic engineering.

Duration:

ISPO CAT II Single Discipline:

- I. Lower Limb Prosthetics
- II. Lower Limb Orthotics

ISPO CAT II Prosthetics & Orthotics
Combined

18
Months

36
Months

Affiliation & Recognition:



International Society for
Prosthetics & Orthotics

Course areas: The syllabus includes different types of disabilities like Cerebral Palsy, Spinal Cord Injury, Polio, Amputation, Intellectual disability, Autism etc. and other subjects like Anatomy, Physiology, Disability, Inclusive Development and CBR approaches, fabrication of assistive devices includes Lower Limb Prosthetics & Orthotics & Mobility devices, Workshop technology and materials. Besides theoretical informations, students are given extensive clinical exposure at community based rehabilitation which includes urban & peri-urban slums, rural projects and also in institution based set-ups. During the course, students have 2 weeks rural placement in the rural organisations where students are given exposure in CBR settings.

Career: P & O technologist will get placement as a Prosthetic/Orthotic technologist in Rehabilitation Centres, Hospitals, MNC's and Manufactures, Institution and Self-employment, in Government and NGO sector in the Country and abroad.

The Role of Lower limb Prosthetic/Orthotic Technologist:

The prosthetic technologist provides artificial limb as a replacement for a limb lost through congenital loss, accident or amputation. The orthotic technologist is one who designs and fits orthoses which support to part of a patient's body in order to compensate for paralysed muscles & provide relief from pain.



**354 successful graduates + 94 classroom students
14-15 & 15-16 sessions
from 21 Countries...**

- India ● Bangladesh ● Srilanka ● Nepal ● Bhutan ● Angola
- Mozambique ● Ethiopia ● Yemen ● Nigeria ● Lebanon
- Albania ● Myanmar ● Korea ● Palestine ● Cambodia
- Cameroon ● Congo ● Senegal ● Sudan ● USA



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