

## MI EDUCATION AND RESEARCH DIGEST

AUGUST - NOVEMBER 2020

### Crowning accomplishment!



Ms. Ritu Ghosh-Academics Director MI being felicitated by Dr. K. Sudhakar, Hon'ble Minister for Medical Education, GOK, along with Dr. M. R. Doreswamy, Hon'ble Chancellor, PES University and Dr. S. Sacchidanand, Hon'ble Vice-Chancellor RGUHS, Karnataka

Rajiv Gandhi University of Health Sciences (RGUHS), Karnataka has been a pioneer in academic and research innovations ever since its inception in 1996. Every year on the occasion of “Teachers Day” which is celebrated on 5th September to commemorate the birth anniversary of legendary teacher and mentor Dr. Sarvepalli Radhakrishnan, RGUHS follows the tradition to acknowledge the significant services rendered by teachers in different fields of medical education by honouring the ‘Eminent Teachers’ under University affiliation.

In the year 2020, it was an honour to Mobility India as Ms. Ritu Ghosh, Academics Director was one among the Eleven (11) teachers who were recognized and selected as “Eminent Teacher” by RGUHS for her outstanding contributions to the academic achievement in the field of Allied Health Sciences education and inspiring young minds through her passion, dedication and commitment in the area of Prosthetics & Orthotics-the disability management.



Ms. Ghosh was felicitated by Dr. K. Sudhakar, Hon'ble Minister for Medical Education, Government of Karnataka along with Dr. M.R. Doreswamy, Hon'ble Chancellor, PES University and Dr. S. Sacchidanand, Hon'ble Vice-Chancellor Rajiv Gandhi University of Health Sciences, Karnataka during Teachers' Day celebrations on 10th September 2020.

It is indeed an additional feather in MI's Cap. A well-deserved honour!



Group picture of Eminent Teachers -2020 with Dr. K. Sudhakar, Hon'ble Minister for Medical Education, GOK, along with Dr. M. R. Doreswamy, Hon'ble Chancellor, PES University and Dr. S. Sacchidanand, Hon'ble Vice-Chancellor RGUHS, Karnataka

## Messages poured from Students and staff members:

Recognition and honour received from RGUHS was overwhelming for all the staff and students of Mobility India. There were celebrations of this achievement at the Mobility India campus. This warm gesture of staff and students was commendable.

Video Link :

<https://www.facebook.com/1670858162/videos/10214408024269023/>



## Sharing of expertise: Online Webinars by MI Rehabilitation Experts

"One of the most important areas we can develop as professionals is competence in accessing and sharing knowledge." - Connie Malamed

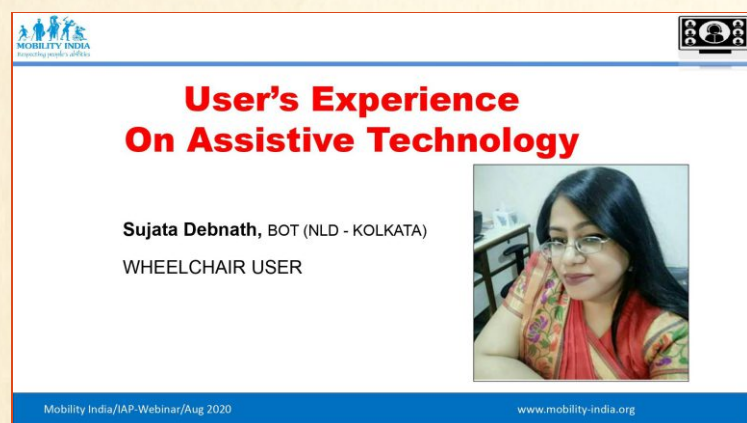
2nd joint Webinar was organised by the Indian Association of Physiotherapists, Telangana in collaboration with Mobility India (MI) on "Covid-19 and Disability: Response to Wheelchair



Service Provision (WSP) as per WHO Guidelines” on 14th August 2020. The Multi-rehabilitation team of MI also WHO certified international trainers of WSP consisting of Ms. Ritu Ghosh-Prosthetist and Orthotist, Ms. Vennila Palanivelu-Physiotherapist and Mr. Sama Raju-Physiotherapist gave an overview of WSP, its importance of integration in the education sector, various modules of Wheelchair training and evidence-based practices. WSP was provided through Tele-Rehab, Tele-AT services during the Covid-19 Pandemic.

During the webinar, Dr. Sanjiv Jha, National President of IAP appreciated MI’s work in the Rehabilitation field and emphasized WSP as need of the hour.

As a part of sharing good practices, Ms. Sujata Debnath, AT user for 40 years spoke about her experience in proper prescription and user training which has enabled her to overcome enormous challenges to lead quality of life. Through this presentation, MI reached more than 1500 viewers.



Video Link :  
<https://youtu.be/mV5mbSPzmOk>

## Intensifying Knowledge - Online Alumni Mentorship Programmes (AMP)

“Learning is the process whereby knowledge is created through the transformation of experience”-David A. Kolb

During the covid pandemic, MI took initiation to enhance the professional knowledge of its alumni through their own experiences on overcoming challenges and learnings in the field. During these AMPs, few alumni came up to share their experiences on few important areas which would be useful to other professional friends. Alongside, few professional experts were also invited to give an insight on various new P&O techniques and recent trends and technologies.

### 2nd AMP

<b>Date</b>	: 5th August 2020
<b>Title</b>	: Training of Caregivers for people with disabilities.
<b>Speakers</b>	: Mr. Samuel Amadi Elechi-Nigeria, Ms. Kerlinda War-Meghalaya
<b>Moderator</b>	: Ms. Vennila Palanivelu-Senior Manager-Therapy Training

The 2nd AMP brought graduates from India, Nepal, Nigeria and Somalia together for the event. Speakers stressed the role of Rehabilitation Therapists in providing awareness and training to the caregivers for providing services with available resources even in the remotest area. Mobility India (MI) is proud of the excellence and appropriateness of Alumni's work in very challenging environments. Ms. Lakshmi Raman, Consultant of MI being an observer of this event congratulated MI and the alumni for their excellent work in the remote areas with limited resources, which has helped people with various disabilities to improve their quality of life.



Ms. Kerlinda War from Meghalaya addressing the graduates



Ms. Vennila Palanivelu moderated the event

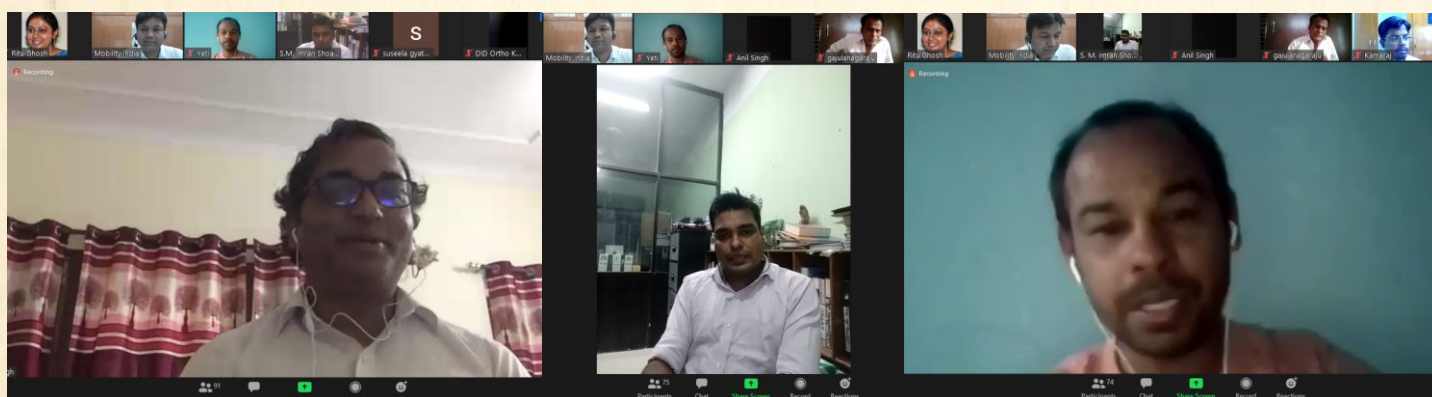
### 3rd AMP

**Date** : 29th August 2020

**Title** : Managing rehabilitation services and Covid-19 pandemic experiences and good practices of Bangladesh and Nepal.

**Panelists** : Mr. Anil Singh-ICRC, New Delhi, Mr. S. M Imran Shoaib-Bangladesh and Mr. Yetiraj Niraula-Nepal

**Moderator** : Mr. Rajdeep Kumar-Senior Manager-P&O Training



Panelists Mr. Anil Singh from ICRC New Delhi, Mr. Imran Shoaib from Bangladesh and Mr. Yetiraj Niraula from Nepal addressing the graduates

The 3rd AMP brought graduates from India, Nepal, Bangladesh together for the event. Panelists shared their challenges during Covid-19 pandemic and various steps and safety precautions being taken in their respective countries to continue the Prosthetics and Orthotics services minimizing disruption. Invited panelist Mr. Anil Singh, Assistant Manager-Physical Rehabilitation-ICRC New Delhi gave insight on networking and maintaining sustainability during these tough times.



## 4th AMP

**Date** : 5th September 2020  
**Title** : Community health and exercise programs for pregnant women during Covid-19  
**Speaker** : Ms. Alpana Chauhan  
**Moderator** : Ms. Vennila Palanivelu-Senior Manager-Therapy Training

The 4th online Alumni Mentorship Programme brought graduates from India and Somalia together for the event. Invited speaker Ms. Alpana, MI Alumni 2004 stressed on the effect of Covid-19 on pregnancy, mode of transmission to the mother, antenatal and postnatal



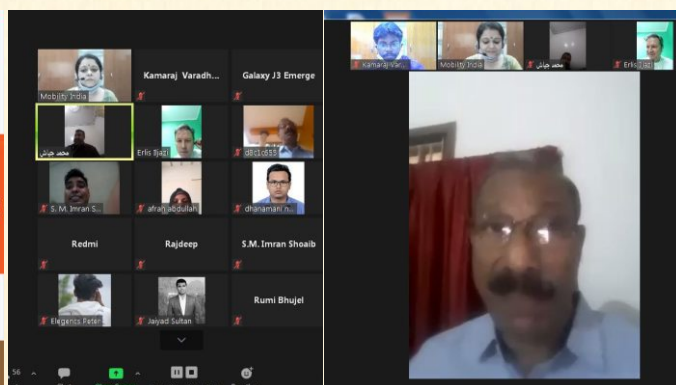
Ms. Alpana Chauhan from NRHM, Delhi addressing the graduates

care to be taken by an infected mother. The types of exercises to be followed during pregnancy and postpartum, their benefits with safety methods were well explained. Received a very good response from participants with active discussions which was the highlight of the event.

## 5th AMP

**Date** : 26th September 2020  
**Title** : Recent trends and challenges in construction of spinal orthoses - Experience sharing from Yemen and Albania  
**Panellists** : Mr. M. V. Raghavan-P&O India, Mr. Erlis Harun Iljazi-Albania and Mr. Mohammed Abdullah Abdullah Giyash-Yemen  
**Moderator** : Ms. Minakshi-Manager-P&O Training

The Panelists of the 5th Alumni Mentorship Programme from Yemen and Albania shared their experience, challenges and the recent trends in prescribing the Spinal Orthoses in their respective countries. Challenges on different designs as well need of user's education were discussed. Mr. M. V. Raghavan, Senior most professional in Spinal Orthotics was also one of the lead panelist to guide MI Alumni. Overall, it was a very interactive and knowledgeable session.



One of the Panelist  
 Mr.  
 M. V. Raghavan,  
 P&O  
 addressing  
 the graduates

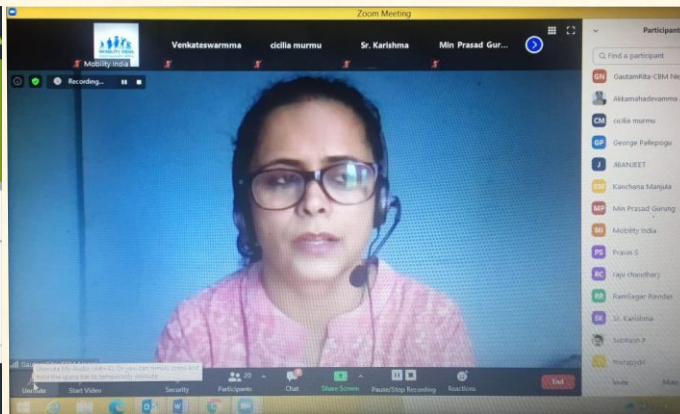


## 6th AMP

**Date** : 3rd October 2020  
**Title** : Main streaming mental health and psychosocial support in physical rehabilitation  
**Speaker** : Ms. Rita Devi Gautam, Nepal  
**Moderator** : Ms. Vennila Palanivelu-Senior Manager-Therapy Training

Mental Health needs a great deal of attention. It's the final taboo and it needs to be faced and dealt with"-Adam Ant

Ms. Rita Devi Gautam highlighted the prevalence, symptoms and identifying the persons with mental health issues and the role of rehabilitation professionals in dealing with such issues. She also emphasized the need for policy change to provide all services under one roof.



MS. Rita Devi  
Gautam  
from Nepal  
addressing the  
graduates

## 7th AMP

**Date** : 31st October 2020  
**Title** : Current Approaches in Silicone Cosmetic restoration-Indian Scenario  
**Speaker** : Mr. Santhosh Kumar Singh, Managing Director-Prosil Rehabs  
**Moderator** : Mr. Rajdeep Kumar-Senior Manager-P&O Training



Mr. Santhosh Kumar Singh showing new techniques  
in silicone technology

Function and cosmoeses of human body parts are complementary to each other. The speaker gave an understanding of recent trends in cosmetic restoration, fabrication procedure and the materials required for it. He also shared case studies on the fitment of Osseo-integration. The information was

well received by the Alumni.

**Date** : 28th November 2020  
**Title** : Prosthetic and Orthotic Section Framework  
**Panellists** : Dr. Ranjeet Kumar-P&O-Composite Regional Centre Davangere and Mr. Soikat Ghosh Moulic, P&O-Associate Director-Technical & Quality Systems  
**Moderator** : Mr. Jibanjeet Mohanty-Senior Trainer-P&O

The topic of discussion was focused on need and importance of “Prosthetic and Orthotic workshop layout” to start a new P&O Enterprise irrespective of being a small-scale or large-scale setup. With their vast experience in this P&O field, the panelists provided awareness to the Alumni about various criteria and parameters to be considered become a successful entrepreneur. It was a very useful and interactive session.



## Research Methodology: Virtual Training in Blended Mode




**Launched Today**

**Course on**

**“Approaches in formulation of Research Question and Literature Review”**

(Blended Learning Approach)

**Duration: 4 Weeks; Started from: October 5, 2020**

Mobility India (MI) is always a step ahead when it comes to expanding and updating the knowledge of fellow professionals in trending topics from time to time.

Research being one of the trending areas of education, MI organized a two- day workshop in April 2020 for healthcare professionals and students with an aim to familiarize participants on the purpose and approach to formulating a research question including the process of conducting a literature review systematically. However, due to the first wave of Covid-19 across the globe, this workshop stood imminent.

Nevertheless, with strong determination, for the first time, MI launched a Virtual Training on “Approaches in the formulation of Research Question and Literature Review”, a blended workshop of four weeks from 5th to 31st October 2020 by bringing in very experienced experts in the field Dr. Meriel Norris and Dr. Sushmita Mohapatra from Brunel University, London as Resource Trainers.



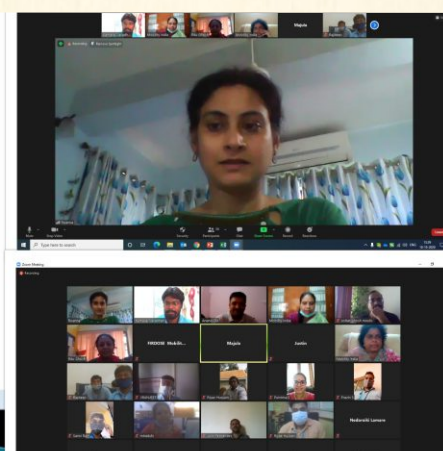
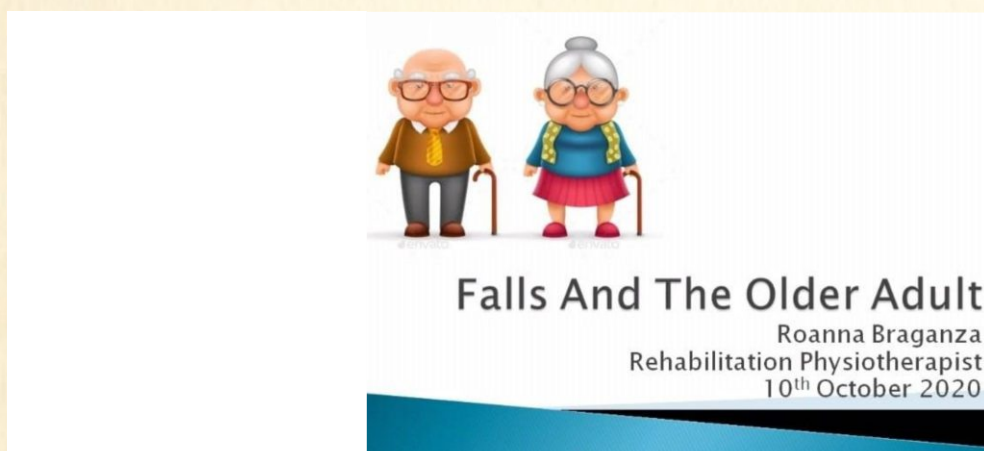
This blended course included offline lectures; self-directed activities integrated with virtual interactive sessions. 25 academicians and clinicians from various rehabilitation sectors participated in the workshop which focused on steps in the development of a research proposal, approach to frame a research question, process of conducting a literature review in a systematic way, setting hypotheses and formulation of objectives, types of research designs, writing manuscripts and publication of research.

It was a very successful workshop and it has created a lot of demand and MI is optimistic to conduct similar advance research workshops in near future.



Dr. Meriel Norris  
and  
Dr. Sushmitha  
Mohapatra  
from  
Brunel University,  
UK in live session  
with participants

## Geriatrics - A Virtual talk on falls prevention:



Ms. Roanna Braganza, Rehabilitation Physiotherapist addressing the professionals

The world's population is ageing rapidly. Between 2015 and 2050, the World Health Organization (WHO) estimates the proportion of the world's older adults (geriatrics) to increase from 900 million to 2 billion people over the age of 60.

Furthermore, as people age, they are more likely to experience several conditions at the same time. Fall is one such significant health problem faced by older adults. The prevalence of falls in India, above the age of 60 years are reported to range 14%-53%.

Considering the need for integration of falls prevention and rehabilitation interventions for older adults into the existing service provision and training delivery at Mobility India (MI), Ms. Roanna Braganza, a Rehabilitation Physiotherapist from Mumbai was invited to give a virtual talk on "Falls and The Older Adults" on 10th October 2020.



It was a very useful and informative talk as the Rehabilitation professionals of MI which includes Prosthetists & Orthotists, Physiotherapists, Occupational Therapists, Rehabilitation Therapy Assistants and Community Facilitators were sensitized about the occurrence and risk factors for falls in older adults, their basic screening, assessment and intervention techniques.

MI is keen on taking this forward with systematic training to the rehabilitation professionals.

## **Inclusive Higher Education-Pathway to progression: A Unique Approach**

The National Education Policy-2020 focuses on implementing Equitable and Inclusive Education across India and the implementation of the initial phase is 2022. However, Mobility India (MI) has always worked on inclusive education since the inception of training programmes in 2002. The MI trainers have played an important role in developing the professionals by putting in a lot of effort and

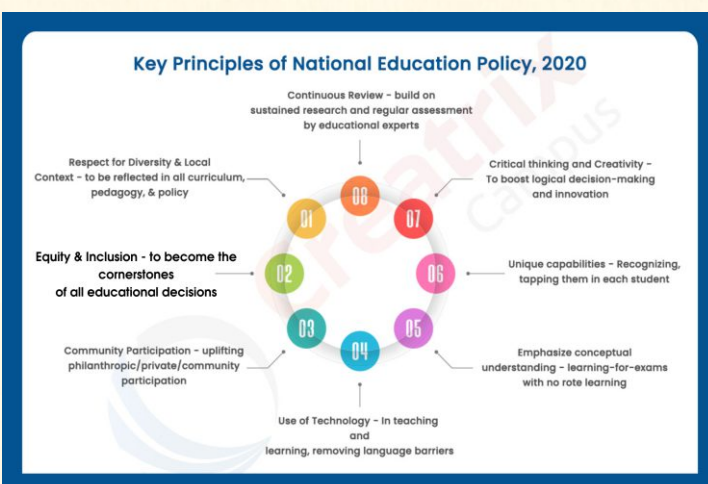
adapting various teaching methodologies and developing different training materials based on the requirement from time to time to mould the students in such a way that it builds the confidence in students to improve their understanding levels and develop their confidence in problem solving which is very essential to work in the rehabilitation sector.

### **■ Inclusive Education: Advancement from teaching to evaluation**

With immense motivation and encouragement from the Faculty of MI, Mr. Budhicharan Hrangkhawl, a speech and hearing impaired student successfully cleared the ISPO CAT II Pre-qualifying exam conducted on 19th November 2020 following necessary safety precautions. The clinical and technical skills of Mr. Budhicharan were evaluated by utilization of certain



Mr. Budhicharan Hrangkhawl, a speech and hearing disabled student using visual support during ISPO pre-qualifying examination.



Student Mr. Wilfred Aukwai, in action during ISPO pre-qualifying examination.

accessible assistive software, visual learning aids and using sign language interpreter. Thanks to the efforts of our proficient faculty members and support staff, who proved that with appropriate technology-based tools and learning materials an inclusive and barrier-free accessible conducive learning environment can be developed.



## ■ Faculties experiences in their own words:

*"It was quite a big challenge in front of me to coordinate the implementation of curriculum keeping Mr. Budhicharan's needs of learning. We would not be able to address his learning needs without his dedication and concentration towards his study overcoming all challenges. With support from faculties, classmates and peers, he proved that there is no barrier for learnings and achieving his goals if environment is inclusive."*



**Mr. Rajdeep Kumar**  
Sr. Manager P&O Training

*"When Mr. Budhicharan joined the course, we received basic sign language training which helped us in communicating with him. His grasping power is too sharp and with the help of his classmates, Powerpoint presentations and demonstration, he understood the subject really well. With sharp observational skills, he improved his practical skills. I feel happy that with regular supervision, he is able to fabricate quality prosthesis."*



**Mr. Sanniram**  
Sr. Clinical Trainer P&O

*"Mr. Budhicharan found it difficult to understand medical vocabulary when he joined the course. During the sessions, time management was difficult, as I had to teach slowly till he understood. Hence, I tried different apps for communication support. Step by step demonstration with lot of practical practice was given to improve his hand skills. With his sharp grasping powers, he could relate his theoretical knowledge during practical sessions. During ISPO pre qualifying Examination, 'speak to deaf' app was used along with charts and diagrams. Indeed a very challenging experience."*



**Mr. Pravin. S**  
Clinical Trainer P&O

*"I remember, in the beginning of the sessions on Assesment Process, found that Mr. Budhicharan with the usual PPTs and verbal explanation was not able to follow my session. Hence, I started using and explaining in sign language and included more pictures and videos in PPTs which helped him for better understanding. At the later stage, I gained more experience in dealing with him. I gave him tactile sensation by making him a model during practice sessions which helped him to understand step by step assessment methods and its application on users."*



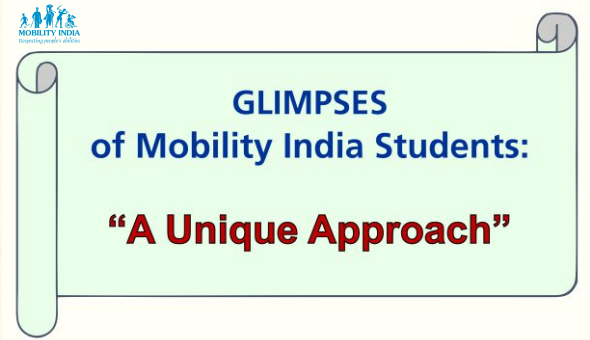
**Ms. Soumya**  
Clinical Trainer Therapy



## Inclusive Education: Journey at MI

The year 2019-20 has been enriching to the committed training team of MI with 3 students with speech and hearing difficulties enrolling for courses at MI. The team has strived hard to boost up their confidence levels to farewell not only in academics but also in other extracurricular activities too.

23rd September is the International Day of Sign Languages, the 3 students shared their experience at Mobility India and their gradual progression henceforth through this short video:



Video Link :

[https://youtu.be/wlB5VS\\_rcEs](https://youtu.be/wlB5VS_rcEs)

## Covid-19: Virtual Rehabilitation and Tele services - A Transformed approach

“Stay committed to your vision, but stay flexible in your approach”

Mobility India (MI) is always known for its quick adaptability to new situations with its different approaches.

With the start of this Covid pandemic situation, MI has introduced virtual rehabilitation services including the provision of physiotherapy, occupational therapy, prosthetics, Orthotics and assistive technology.

Given the understanding of the current pandemic related teleservices and extending the access of virtual rehabilitation services for the needy from remote and far away areas, MI collaborated with another non-profit organization which engages in action research-Public Affairs Centre (PAC) based in Bengaluru and Staffordshire University, United Kingdom. In a meeting held on 15th November 2020, alternative approaches to teleservices and innovative ideas applied by MI were shared with the researchers' team from PAC.



Tele services and online training to a Wheelchair user based in Delhi



Tele therapy services provided by MI Rehabilitation team



## Covid-19 Pandemic: Continuation of Training Programmes in Blended Mode

“Your hardest times often lead to the greatest moments of your life. Keep going. Tough situations build strong people in the end.” - Roy T. Bennett, The Light in the Heart

Mobility India's trainers have incessantly proved their competencies by conducting sessions persistently by putting in lots of efforts in grooming prosthetics & orthotics and rehabilitation therapy students both online and offline by using necessary preventive measures for Covid-19 and preparing the students to face the professional world confidently.



Mr. Pravin-Clinical Trainer P&O and Ms. Sudipta Pradhan P&O conducting offline and online sessions following Covid-19 guidelines.

“Technology will not replace great teachers but technology in the hands of great teachers can be transformational” - George Couros

Mobility India dynamic and energetic faculties in Prosthetics and Orthotics demonstrating their innovative teaching methods during the virtual classes for prosthetics and orthotics students.

“Life will only change when you become more committed to your dreams than you are to your comfort Zone” - Unknown

Prosthetics and Orthotics intern and clinical practice students continued their clinical work under the



MI Faculty Mr. Jibanjeet Mohanty and Mr. Kamaraj V demonstrating their innovative ideas during the virtual classes.

supervision of the MI's ever committed clinical trainers following proper safety measures and precautions, a must in this pandemic situation. MI especially thanks to our service users for their kind support in students learning.





Clinical practice students practising with user with Covid-19 safety measures.

## Covid -19: Virtual Graduation ceremony

“A dream doesn’t become reality through magic; it takes sweat, determination and hard work” - Colin Powell

Graduation is one of the most awaited moments in a student’s life. Covid-19 outbreak brought in various changes in the educational system at the global level. Amidst this unprecedented situation, for the first time, Mobility India conducted virtual graduation ceremony for ISPO certified Associate Prosthetists and Orthotists.

Celebrations of success!



L-R) Mr. Chituh Roland from Cameroon, Mr. Stephen Zeliang from India, Ms. Ritu Ghosh-Academics Director-I and Mr. Rami Zeiny from Lebanon during the virtual Graduation ceremony

## Covid -19: Blended Farewell



Farewell ceremony concluded with cake cutting by outgoing students who were present at the campus. Remaining students attended the event virtually

“Go confidently in the directions of your dreams! Live the life you’ve imagined” -Thoreau

In the Covid-19 circumstances, a blended farewell ceremony was organized for 8th Batch Bachelor in Prosthetics and Orthotics students from India and Bangladesh. This was a very memorable event to each and every outgoing student as their junior colleagues showed their presence virtually and stunned everyone with their virtual dance

performances.

Apart from providing excellent education and learning opportunities, Mobility India always makes sure that each student participates in all the extra-curricular activities and celebrations.



## Cultural Fest MIRAAS-Prize Announcement

Annual cultural events are an integral part of education. Mobility India's annual cultural fest "MIRAAS" was conducted from 11th - 13th March 2020 wherein students exhibited their competencies in various areas like planning, teamwork, leadership, exhibiting talents and multitasking. Due to the persisting Covid-19 pandemic situation, the prize announcement and certificate distribution ceremony was conducted on 31st October 2020. A mind-blowing virtual cultural program by students made this event a priceless memory.



A glimpse of students performances during MIRAAS 2020

Among the participating 6 groups, team Blue Buddha ranked first followed by Ferocious Movers and Raging Rebels with second and third positions respectively.



Ms. Ritu Ghosh - Academics Director presenting the 'winners trophy' to Blue Buddha team represented by Ms. Vanessa John and Ms. Steffi Frank



Mr. Soikat Ghosh Moulic - Associate Director Technical & Quality Systems presenting certificate to Ms. Bijisha. B.L

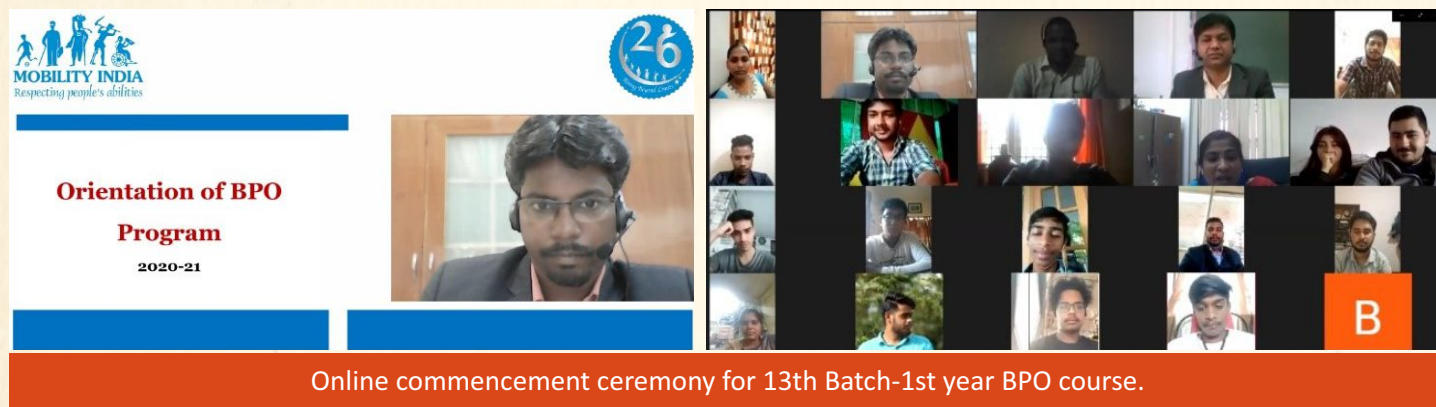


Mr. Rajesh Sharma - Assistant General Manager presenting certificate to Mr. Mohmad Waseem Shah



# Covid-19 outbreak: New Batch commencement-Bachelor in Prosthetics & Orthotics Course

“Education is the most powerful weapon which you can use to change the world.” - Nelson Mandela



Online commencement ceremony for 13th Batch-1st year BPO course.

This Covid-19 outbreak has brought in a lot of confusions and disturbances among students in choosing the right career. However, online admission procedures were conducted and the first ever online commencement ceremony was conducted for the new batch (13th Batch) 4 ½ years Bachelor in Prosthetics and Orthotics course on 20th November 2020. The new students are from various parts of India and Lebanon. Ms. Ritu Ghosh, Academics Director gave the welcome address followed by course orientation and student-faculty introduction and interaction. The program was moderated by Senior faculty Mr. Kamaraj.

## TESTIMONIAL VIDEOS OF MI ALUMNI

### Mr. Sanyam Bajracharya

MI Alumni-Bachelor in Prosthetics and Orthotics  
4th Batch 2011-2016



Video Link :

<https://youtu.be/fRHC-zBHYb4>

### Mr. Yetiraj Niraula

MI Alumni-Bachelor in Prosthetics and Orthotics  
5th Batch 2012-2015 (Lateral Entry)



Video Link :

<https://youtu.be/pJpSSOo2zpM>



# Glimpse



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