



MAY 12-16 2025 · CHICAGO, IL USA · REHABWEEK.ORG



Category: Development of Technology

Workshop Title: Low-Cost Neurorehabilitation Solutions For Low- And Middle-Income Countries (LMICS)

Organizer(s): Nirmal Surya

Speaker(s): Surya, Nirmal, President, Indian Federation of Neurorehabilitation (IFNR)
Someshwar, Hitav, Assistant Professor, Physiotherapy School & Center, TNMC & BYL Nair Ch. Hospital

Jha, Chandan Kumar, Phd, IIT Gandhinagar Alumini, Member IFNR

Marne, Pushkaraj, Member IFNR; Belsare Ajinkya, Member IFNR

1. The Need for Low-Cost Neurorehabilitation Solutions and Bridging the Gap Between Healthcare and Bio-Engineers

Speaker- Dr. Nirmal Surya, President, Indian Federation of Neurorehabilitaiton

2. Future of Low-Cost Rehabilitation Hardware for the Masses in LMICs

Speaker- Ajinkya Belsare, Chief Operating Officer, Anand Impex. Member, IFNR.

3. Future of Low-Cost Digital Rehabilitation Technologies in LMICs

Speaker- Pushkaraj Marne, CEO Manastik Technologies, Member, IFNR.

4. Affordable Virtual Reality Devices for Active Therapy in LMICs

Speaker- Dr. Chandan Kumar Jha, PhD, CEO & Founder, Galanto Innovations Private Limited. Member, IFNR.

5. Research and Further Directions for Transferring Products from Lab to Market for Sale.

Speaker- Dr. Hitav Someshwar, Assistant Professor, Physiotherapy School & Center, TNMC & BYL Nair Ch. Hospital. Member, IFNR.

Workshop Time: 16:00 - 17:30

Attendee Engagement: Live Demonstrations: The engineers will present live demonstrations of the low-cost technologies they discuss, allowing the audience to see the potential solutions in action. These demonstrations will showcase the functionality, affordability, and real-world applicability of rehabilitation tools, sparking curiosity and engagement.

Case-Based Learning: The physiotherapist will present real-world case studies from LMICs to illustrate how specific low-cost neurorehabilitation solutions have been implemented successfully. The audience will be invited to analyze these cases in small groups, providing an opportunity to apply the concepts discussed in the presentations and engage in problem-solving.