Banarsidas Chandiwala Institute of Physiotherapy
AFFILIATED TO G.G.S.INDRAPRASTHA UNIVERSITY
Chandiwala Estate, Maa Anandmai Marg, Kalkaji, New Delhi-110019.
Phone: 01149020292 Fax: 011- 49020292
E-mail : director@bcip.ac.in Website: bcip.ac.in

"SEMINAR ON: ROBOTIC EXOSKELETON"

18th February 2025

Introduction

BCIP, in collaboration with SANSCARE, organised a seminar on Robotic Exoskeletons**,** emphasising the significance of advanced rehabilitation tools in patient care for faster and more efficient recovery. Robotics is emerging as a transformative adjunct in rehabilitation, aiding in improving patient functions through innovative technology.

Objectives of the Event

- To introduce students and faculty to the advancements in robotic-assisted rehabilitation.
- To highlight the role of robotics in improving functional outcomes in patients with neurological and musculoskeletal conditions.
- To provide in-depth knowledge of the working mechanism of rehabilitation robots.
- To discuss the indications, contraindications, and patient populations benefiting from robotic therapy.

Event Highlights

- Understanding Robotics in Rehabilitation: Experts explained the significance of robotic technology in enhancing physiotherapy outcomes.
- Demonstration of Robot Functioning: The seminar detailed how rehabilitation robots operate and assist in patient recovery.
- Patient Benefits: The discussion covered various conditions benefiting from robotic therapy, including Cerebral Palsy (CP), Spinal Cord Injury (SCI), Traumatic Brain Injury (TBI), and Stroke**.**
- Indications & Contraindications: The session elaborated on the appropriate patient selection for robotic rehabilitation and situations where it may not be suitable.

Outcomes of the Event

- Enhanced Awareness: Participants gained valuable insights into the applications of robotics in physiotherapy.
- Improved Understanding of Rehabilitation Technologies: The seminar provided clarity on how robotic systems function and their integration into patient care and help the community.

- Encouragement for Technological Adoption: The session inspired students and professionals to explore and implement robotics in physiotherapy practice.
- Strengthened Industry-Academia Collaboration: The collaboration with SANSCARE fostered knowledge exchange and potential future research opportunities.

The seminar on Robotics in Physiotherapy successfully educated participants on the potential of robotic rehabilitation to enhance patient recovery. The event opened their eyes to the evolving role of technology in physiotherapy, encouraging students and faculty to embrace innovation for improved patient outcomes.