

## BCIPCON-2020

### “TEKHNOLOGIA PHYSIOTHERAPY”

Technology will never replace great teachers but technology in the hands of great teachers is transformational.

BCIP organised BCIPCON 2020, *Tekhnologia Physiotherapy* a one of its kind conference with ISBN Proceedings & Delhi Council of Physiotherapy and Occupational Therapy Accreditation with 5 credit hours, on Saturday, 29th February, 2020.

Various renowned personalities from the field of physiotherapy across the nation graced the occasion. Esteemed speakers, who played a significant part in the creative process of development of whatever technology we know of today, came together under one roof to provide the students and professionals with an insight into the same.

Chief Guest for the Conference was Dr. A. K. Aggarwal, President Delhi Council of Physiotherapy and Occupational Therapy & Guest Of honor was Dr. Sanjiv Jha (PT) IAP President & Director at Centre for Chronic Disease and Research, Indore.

The event began with lamp lighting ceremony which was followed by a session on 'Physiotherapy and Telemedicine' by Dr. Seema Grover (PT), Chief Physiotherapist at Indraprastha Apollo Hospital. Dr Seema Grover briefed the attendees about application based communication and how it brings a difference both in the life of the patient and the therapist. This session was followed by a talk on 'Gamification' by Dr. Nishat Quddus (PT), Associate Professor, Jamia Hamdard. The talk encompassed the upcoming use of games in improving a patient's overall health and well-being.

Dr. Monica Chhabra (PT), Senior Physiotherapist, PGIMER, Chandigarh, presented a clinicians view in bringing '3D Gait Analysis' from laboratory to clinics. Dr. Monica Chhabra (PT) with the aid of highly informative videos showed how 3D gait analysis can help in a better and effective gait evaluation.

The occasion was also graced by Mr. Aakash Sinha, Founder and CEO at Omnipresent Robot Tech, who shared a part of his immense knowledge in 'AI and Robotics'. Mr. Sinha showed how robotics can change and improve the present rehabilitation scenario and thus contribute in the betterment of the society.

'Recent advances in Sports Sciences Evaluation and Technology' was the topic taken up by none other than Dr. Meenu Dhingra (PT), Senior Scientific Officer, Sports Authority of India (SAI), who is also the Head of Human Performance Lab at Sports Authority of India. Dr. Meenu highlighted the newest upcoming in the field of sports physiotherapy while focusing mainly on evaluation tools. The talk was followed by a break for lunch and was later picked up by Dr. Megha Saini (PT) and Dr. Neha, Researchers at IIT Delhi, who explained how a 'Robotic Exoskeleton' can be used in post-stroke rehabilitation. Dr. Megha Saini is an Alumni of BCIP and both Dr. Megha and Dr. Neha self-designed the robotic exoskeleton in collaboration with IIT and AIIMS.

Next Dr. Tejaswitha Kanchan (PT), Neurophysiotherapist, Kokilaben Dhirubhai Ambani Hospital, Mumbai, explained the use of 'Robotics in Lower Limb Neurorehabilitation'. She, from her experience, confirmed that robotics is the upcoming future in neurorehabilitation.

The session was culminated by a talk on 'Inspiratory Muscle Trainer: Advancement in Cardiopulmonary Physiotherapy'.

Scientific sessions were started parallel to the guest talks.

Sessions were divided in four parts- senior poster presentation, Junior poster presentation, Senior scientific research paper presentation, and Junior scientific research paper presentation.

Students and professionals were given a platform to present their work and earn not only recognition but also bag exciting prizes.

The winners of the scientific sessions were awarded.

The first prize for Senior scientific research paper presentation was bagged by, Ms. Sumbul Ansari, from Centre for Physiotherapy and Rehabilitation Science, Jamia Milia islamia, Jamia Nagar, Okhla, and the second prize was taken by Ms. Supriya Mehta, ISIC institute of Rehabilitation Sciences, Vasant kunj .

The awards for the best Junior scientific research paper were given to Ms.Simran Nagar, Amity Institute Of Physiotherapy, Noida stood first and Vidhu Tiwari, BCIP stood Second.

The senior poster presentation was won by Ms. Namita Kaushik from ISIC institute of Rehabilitation Sciences, Vasant kunj, while Ashi saif from Jamia Milia islamia, Jamia Nagar, Okhla stood Second for the same.

The best poster in the junior poster presentation category was by Ms. Kashish Nagpal ITS Institute of Health & Allied Sciences Ghaziabad, who stood First. Vaishali Jindal from Amar Jyoti Institute of Physiotherapy Karkardooma, Vikas Marg, was given the Second prize.

The academic sessions were followed by the cultural program. A fashion show was organized for the students to display their talents. Students from three colleges took part and Subharti College, Meerut won the First Prize.

BCIPCON was not just a great platform of learning and imparting knowledge but was also a platform where students and professionals alike were given an opportunity to present themselves, be it academically or through extra-curricular activities. The conference reinstated the fact that technology acts as wings and helps the educational world to fly farther and faster than ever before, provided we open the cage.

It is fair to conclude that the conference was a great success. A lot of people have contributed in different ways to turn this event into a smoothly running meeting with many interesting presentations and posters and a very good atmosphere for discussion and networking.

