

For Immediate Release: August 4, 2023

PRESS RELEASE

Expert talk on “AI and Wearable Electronics for Mass Health Care” at IIT (ISM) by Prof Deepak Joshi of Centre for Biomedical Engineering of IIT Delhi

Research scholars and faculty members of IIT (ISM) this evening came to know about the usage of various electronic gadgets in the health care sector, including e- shoes meant for the disable persons and also equipment for the usage of people suffering from Parkinson’s disease to help them move relative ease during a special session held in conference hall of the Department of Electronics Engineering.

The occasion was the expert talk by guest speaker, Prof Deepak Joshi, Associate Professor, and Centre for Biomedical Engineering, IIT Delhi who is also a joint faculty of All India Institute of Medical Sciences (AIIMS), and New Delhi.

Dr Joshi is also an Executive Director of school of international bio-design (SIB) program of Ministry of Biotechnology. He received his PhD in biomedical engineering from Indian Institute of Technology (IIT) Delhi and a postdoctoral from University of Oregon, USA in Human Physiology.

He also worked at National University of Singapore, Singapore and Newcastle University, UK before joining IIT Delhi as a faculty. He has a technology transfer and a granted US patent to his credit. He is a passionate teacher and has received Teaching Excellence Award at IIT Delhi in the year 2017. He was also awarded the membership of American Association of Advancement in Sciences in the year 2014. He is awarded a Centre for Excellence in Neurosurgery medical devices from Indian Council of Medical Research.

Dr Joshi’s current research work combines experimental and computational techniques to understand the neural correlates during walking and balancing for the diagnosis of neuromuscular disorders and for the development of assistive devices for stroke survivors, amputees, elderly population, and Parkinson’s patients. He has an international project with University of Zurich, Switzerland where he is working to understand recovery patterns in Spinal cord injured patients.

Rajni Singh

Dean (Media & Branding)