

The opening ceremony of the Workshop “Immersive Haptics, Tele-robotics and Indigenous Healthcare Innovations” was presided over by “**Dr. Sarosh Hashmat Lodi**”, the honorable Vice Chancellor of NED University OF Engineering and Tech. Karachi that was held with Hands-on Training (Oct 5th to 7th, 2022) at NEDUET Karachi. PI-HHRCM Lab Dr. Riaz Uddin along with Haptics Human Robotics and Condition Monitoring Lab - NCRA Team welcomed all the distinguished guests & delegates who came from relevant industries, universities, and organizations such as Samane Shifa Foundation, Medicare Network Pvt.ltd, Dow University of Health Sciences Official, Mehran University of Engineering and Technology, UET Taxila and more.

The eminent Keynote Speakers (as below) from famous National and International organizations gave their enlightening Talks on Agricultural Robotics, Capsule Endoscopy (Healthcare), Condition Monitoring for Railways, Indigenous design and Innovation trends in Pakistan and worldwide:

- 1) Dr. Dasheng Liu from Shanghai Jiao Tong University, China.
- 2) Dr. Yasir Niaz Khan from University of Lahore, Lahore.
- 3) Dr. Tanveer Hussain from Mehran University of Engineering and Technology, Jamshoro.
- 4) Engr. Ali Akber Shah on behalf of Prof. Dr. Bhawani Shankar Chowdhry from Mehran University.
- 5) Dr. Syed Farjad Sultan from Dow Medical University.
- 6) Riasat Ali Changezi from CEO of Aika Technology UK Ltd.

The workshop ended with formal and informal networking discussions during refreshment breaks / working lunch with the mutual emphasis and opinions on the need for the younger generation to start making intellectual investments in research, innovation, and the creation of new, indigenous products and processes in order to enhance economic growth while laying the foundation for self-sustenance.

Moreover, HHRCM Lab conducted the three days hands-on training/workshop whose details are as below:

- 1) Immersive Haptics - 05th October**
- 2) Industrial Tele-robotics - 06th October**
- 3) Healthcare Innovations - 07th October**

The participants included Researchers from Swarm Robotics Lab-NCRA UET Taxila, Faculty and Students from Salim Habib University, NED University, Sceptre College and from other prominent educational institutes across the country.







