
Report on Six Weeks FDP on Disruptive Technologies in Engineering and Research (DiTER) from 12th April to 21st May 2021 organised by Deptt. of ECE, IU Lucknow.

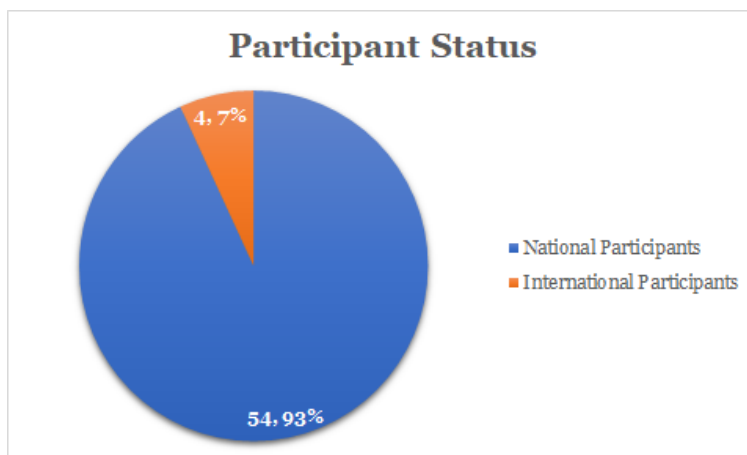
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Mon, Jul 5, 2021 at 1:00 PM

Dear All,

The Department of Electronics and Communication Engineering, Integral University organized an online Six Weeks Faculty Development Program on the theme “Disruptive Technologies in Engineering and Research (DiTER)” from 12th April to 21st May 2021 wherein a total of 58 faculty members have participated from different states of India and abroad. The agenda of the FDP was to impart knowledge of recent trends in Engineering and Research and to explore the technologies that have disrupted an older one. The FDP was organized under the patronage of Prof. S. W. Akhtar, Founder and Chancellor, Integral University, and Prof. Javed Musarrat, Hon’ble Vice-Chancellor, Integral University. The conveners and co-conveners of the FDP were Dr. Syed Hasan Saeed, Professor and Head of the Department of Electronics and Communication Engineering, and Prof. N.R. Kidwai, Director IQAC, Integral University. The FDP was organized by the FDP Committee of the Department of Electronics and Communication which was chaired by Dr. Piyush Charan, Assistant Professor, and Dr. Imran Ullah Khan, Associate Professor was the observer of this committee.

The FDP was inaugurated on 12th April 2021 by Dr. Imran Ullah Khan with the welcome address to the Resource Person for the Day, Dr. Piyush Charan who highlighted the significance of the theme and how the world has changed around us with various Disruptive Technologies.

Total No. of Participants:

The FDP was focussed around various technologies (like Machine Learning and AI, Advanced Microwave Antennas, Tools of Research like Scilab, Spreadsheets, etc. were key highlights of the FDP) that have disrupted an older technology and resource persons including Dr. Asheesh

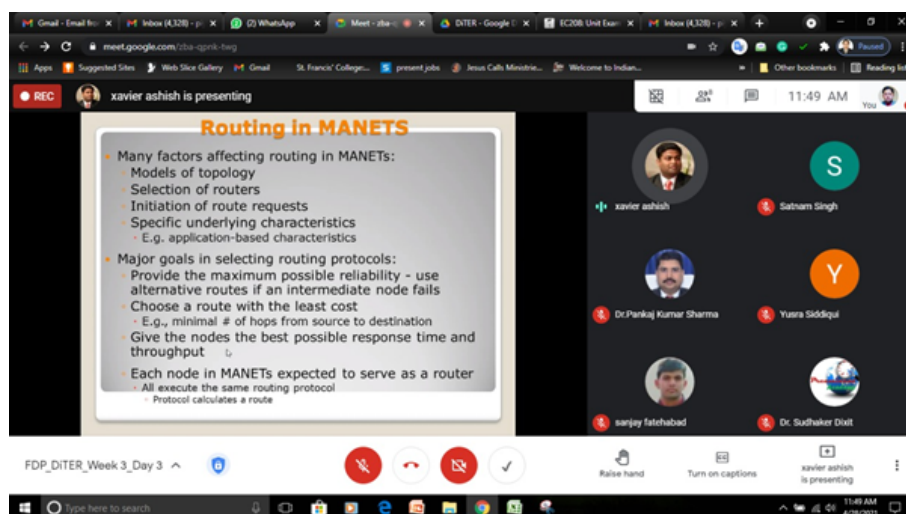
Gupta, Associate Professor, KIT, Kanpur had covered the topics related to UWB antenna in multi-band applications and, Prof. Somendra Shukla, Dean (Academics), Axis College of Engineering and Technology has covered topics related to Teaching in the New Era to millennial students had participated in this event and has graced the experience with their presence and hands-on Practice sessions were also conducted.

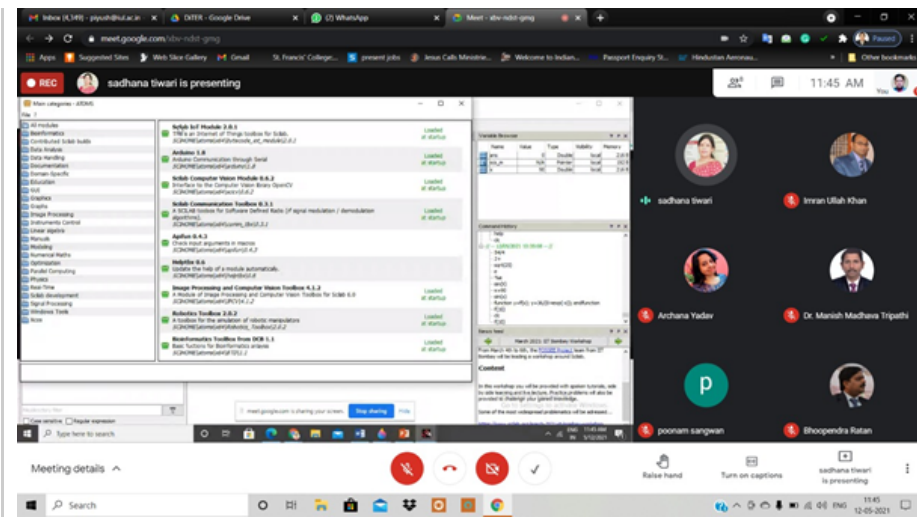
An interactive technical session was conducted by Dr. Piyush Charan, Integral University, Lucknow. He had explained the importance of Disruptive Technologies and AI. Later, Dr. Deepak Balodi, Professor, BBD Engineering College had covered topics related to Memristor Emulator using a high gain DDCCTA. He has also discussed the challenges faced by the researchers in applying for patents.

An interesting topic “Forensic Readiness and Wireless Body Area Networks (WBANs) for Pervasive Healthcare” was covered by Dr. Piyush Charan, Integral University, Lucknow. He had explained about the FreeStyle Libre reader and the applications of BAN. Later, Dr. Ashish Xavier Das, SHUATS, Prayagraj. He had explained how our day-to-day life is affected by the relative issues in Wireless Sensor Networks. Further, he discussed the applications of Wireless Sensor Networks. Dr. Haroon Chaudhary, IU, Lucknow, had covered topics related to the "Basics of Machine Learning". An interactive technical session was conducted by Ms. Sadhana Tiwari, PIEMR, Indore. She had explained the importance of the Scilab in the science and the technological field and also explained how this tool has optimized scientific research, with higher efficiency and accuracy.

A valedictory session was conducted on 21st May 2021 and the session was chaired by Dr. Imranullah Khan and Dr. Piyush Charan in which the FDP was concluded with the Vote of Thanks and the certificate to the successful participants were released through email.

Snapshots of the Event:





Thanks & Regards,

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