

5 Day International FDP on Emerging Trends in Sensors, Security and Smart Automation Systems

Department of Electrical Engineering organized a 5 Day International FDP on **Emerging Trends in Sensors, Security and Smart Automation Systems** from 8th to 12th July 2020. More than 140 participants from 41 colleges from all over India participated in this FDP. Participation of some of the Faculty members and Research Scholars from China, Japan, New Zealand, Sri Lanka make this FDP a truly international.

The program was inaugurated with the welcome speech of Principal prof. Dr. Sutapa Mukherjee, and Emeritus Professor Dr. B.N. Chatterjee. There was Youtube streaming of each days program along with the actual FDP on Google Meet. More that 230 participants are recorded in Youtube. Participants are provided with Participation Certificate on successful submission of Feedback Form.

All the Speakers are Felicitated by an Appreciation Certificate.

Day 1: IoT and WSN for Health, Home Management and Smart City

Speaker: Prof. (Dr.) Subhas Mukhopadhyay, School of Engineering, Macquarie University Sydney, Australia, IEEE Distinguished Lecture Program

08.07.2020- <https://youtu.be/iMf-umVZmlo>

Day 2: Some Aspects of Smart Utilities

Speaker: Mr. Debasis Gupta, Power Distribution/Smart Grid Veteran, Invited Adjunct Fellow with Centre for Strategic & International Studies (CSIS).

09.07.2020- <https://youtu.be/qaCTqX-Xq7U>

Day 3: Publishing a Good Scientific Paper

Speaker: Prof. (Dr.) Subhas Mukhopadhyay, School of Engineering, Macquarie University Sydney, Australia, IEEE Distinguished Lecture Program

Printed Flexible Sensors for Multifunctional Applications.

Speaker: Dr. Anindya Nag, Postdoctoral Fellow Computer, Electrical, Mathematical Sciences and Engineering Division King Abdullah University of Science and Technology Thuwal, Saudi Arabia

10.07.2020- https://youtu.be/UDmHCaRw_HU

Day 4: Spectrally tunable dynamic light source A component of smart lighting system.

Speaker: Prof.(Dr.) Biswanath Roy, Illumination Engineering, Electrical Engineering Department, Jadavpur University, West Bengal, India.

Emergence of coding theory based cryptography

Speaker: Dr. Abhik Mukherjee, Associate Professor Computer Science and Technology, IIST, Shibpur, West Bengal, India.

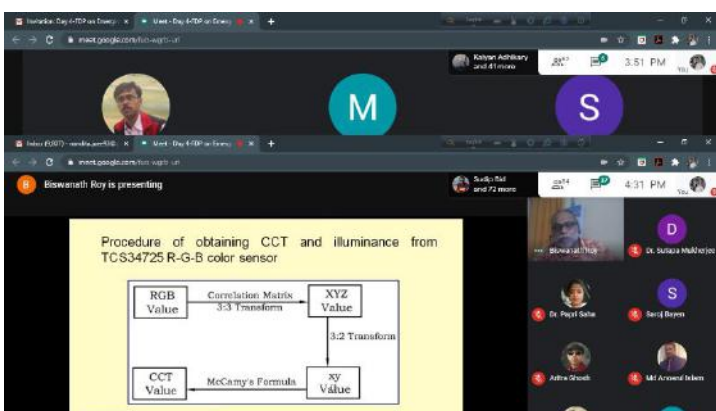
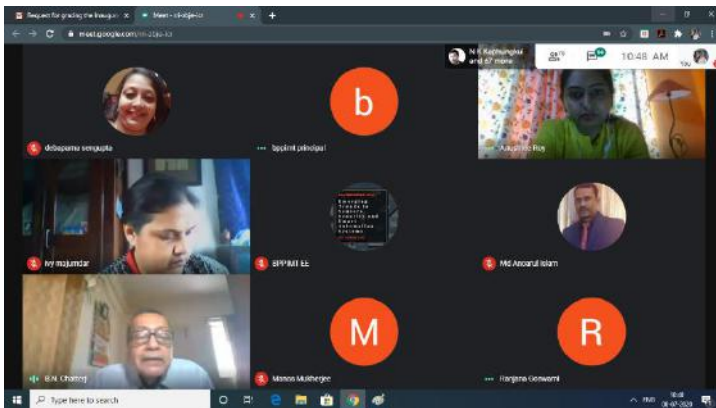
11.07.2020- <https://youtu.be/13IKJtyTaBo>

Day 5: Signal and image processing-A journey through ages.

Speaker: Dr. Kallol Mallick, Founder and CEO of Azure Software Pvt. Ltd.

12.07.2020- https://youtu.be/7kO_FSI8iBY

Participants expressed their extreme satisfaction on attending this Faculty Development Program on such topics of cutting edge technology in Valedictory Session.



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