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Jointly Organising a Seminar on

EMERGING AND EVOLVING TRENDS
in
INFORMATION AND COMMUNICATION
TECHNOLOGY
(ICT)
(OCTOBER 26 & 27, 2018)



Sponsored by

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME-III

Venue

Department of Electronics and Communication Engineering, CTAE, MPUAT Udaipur-313001

ABOUT SEMINAR

With the expeditious advancement in the telecom technologies, the conjecture of the talent in the industries has been changed. To recognize and adapt these changes, the respective curriculum should focus on practical aspects of the subjects. It will correlate the requisite acumen of the students with industry's expectations. This workshop aims to enable the academia to get acquainted with advanced communication tools which will increase their acceptance in the telecom industries.

LEARNINGS

- Understanding of emerging trends in the field of communication engineering.
- Understanding of need of industry which can be incorporated in the teaching process.
- Effective problem formation in project and thesis.
- Introduction to latest softwares for communication engineers.
- Practices to bridge the gap between academia and communication industry.
- Challenges in industry for communication engineers with everyday changing technology.

AREAS TO BE COVERED IN THE SEMINAR

INTERNET OF THINGS

- Introduction to IOT & IOE
- IOT enabled world and edge of internet

GREEN COMMUNICATION

- Green Communication: Next generation of internet infrastructure.
- Green Communication and Wireless networking

MOLECULAR COMUNICATION

• Molecular Comunication and Networking

FIBER COMUNICATION

• Fiber here, Fiber there: Fiber everywhere

WIRELESS COMMUNICATION

- Communication Systems & Networking
- Tools for Communication Engineers

ANTENNAS

- Role of antenas in modern communication system
- Massive MIMO adaptive antennas

SPEAKERS

1. Prof. H.M. Gupta

Emeritus Professor Electrical Engineering Department IIT Delhi

2. Prof. M.M. Tripathi

Professor Electrical Engineerimg Department DTU, Delhi

3. Prof. S.K. Dhurandher

Professor & Head Information Technology Department NSIT, Delhi University Delhi

4. Prof. Rajveer S. Yaduvanshi

Professor Electronics & Communication Engineering Department, AIACTR, Delhi

5. Prof. Sunil Joshi

Professor & Head Electronics & Communication Engineering Department, CTAE, MPUAT, Udaipur

6. Prof. Navneet Agarwal

Assistant Professor Electronics & Communication Engineering Department, CTAE, MPUAT, Udaipur

7. Prof. Himanshu Mohan

Assistant Professor Electronics & Communication Engineering Department, CTAE, MPUAT, Udaipur