

Joint Online Two Weeks Faculty Development Program

on

Advanced Communication and Antennas

February 15-26, 2021

Principal Academy: IIT, Guwahati

Co-Principal Academy: NIT Patna

Jointly Organized by:

IIT Guwahati

NIT Patna

MNIT Jaipur

Speakers

- Prof. P. K. Jain, Director, NIT Patna
- Prof. Ratnajit Bhattacharjee, IIT Guwahati
- Dr. Veer Singh Gangwar, DRDO
- Dr. Ribhu, IIT Guwahati
- Dr. Sudarshan Mukherjee, IIT Guwahati
- Dr. Salil Kashyap, IIT Guwahati
- Dr. Kalpana Dhaka, IIT Guwahati
- Dr. Mahima Arrawatia, IIT Guwahati
- Dr. Ravi Gangwar, IIT (ISM) Dhanbad
- Dr. Rakesh Ranjan, NIT Patna
- Dr. Gaurav Varshney, NIT Patna

Key Features

- Online / Live lectures sessions by subject experts.
- Comprehensive tutorials and practice notes.
- Online lab and training sessions.

Link for registration:

<https://forms.gle/wliE3Lhp7v9NCNUj7>

Coordinators

Joint-Principal Coordinator:

Dr. Rakesh Ranjan, NIT Patna
rr@nitp.ac.in

Academy Level Coordinators:

Dr. Richa Agrawal, NIT Patna
richa.ec@nitp.ac.in

Dr. Gaurav Varshney, NIT Patna
gaurav.ec@nitp.ac.in



Course Contents

- Digital Communication System,
- Channel Coding: Block and Convolutional codes,
- Multicarrier Modulation and OFDM,
- MIMO and Massive MIMO for Wireless Communication,
- 5G and Emerging Millimetre-wave Communication Systems,
- Optical Communication,
- Antenna Basics,
- Antennas for WiFi, Cellular Communication, Portable Devices & 5G Communication Systems,
- Emerging Photonic and Nano-Antennas, etc.

Course Fee Details

Academic (student/faculty): 500 INR

Industry People : 1000 INR

Others : 1000 INR

For Foreign Academics: Rs.4000

Online payment details:

Bank Name: Allahabad Bank

Account Name: NIT Patna

Account No.: 50380476798

IFSC Code: ALLA0212286

Last Date for online registration : February 08, 2021 (11:59 PM)

Supported by-

Ministry of Electronics and Information Technology, MeitY, Govt. of India.

For more details visit:

<http://www.nitp.ac.in/ict/index.php>

Email: eictapatna@nitp.ac.in

Contact No.: 9559090527 (Dr. Richa Agrawal),
8076114006 (Dr. Gaurav Varshaney)