

Joint Online Faculty Development Programme on IoT & Applications (smart systems)

Jointly Organized by:

IIT Guwahati

NIT Patna

NIT Warangal

IIT Roorkee

MNIT Jaipur

PDPM IITDM Jabalpur



Feb 14 – Feb 19, 2022

Joint Principal Coordinator: NIT Patna

Objective and Scope

This course gives insights on IoT and many real life use-cases using IoT.

Course Contents

- Overview of IoT
- IoT embedded system, sensors and components
- Communication technologies for IoT
- IoT protocols: Data and network
- IoT security
- Edge computing and IoT
- Cloud computing and IoT
- IoT applications in smart home
- IoT in intelligent transportation system
- IoT in healthcare
- IoT in smart farming
- Smart grid and IoT
- 5G and IoT
- IoT standardization

Key Features

- Online/Live lecture sessions by experts from academia and industry
- Hands-on sessions on many IoT applications
- Follow up sessions and discussion forum on research problems and internships

Last Date for Registration:
Feb 11, 2022

Joint Principal Coordinators

Dr. Bharat Gupta, NIT Patna

(Email: bharat@nitp.ac.in)

Dr. Suyel Namasudra, NIT Patna

(Email: suyel.cs@nitp.ac.in, Mb: +91 9707046535)

Speakers

- Prof. Ratnajit Bhattacharjee, IIT Guwahati
- Dr. Rishikesh Kulkarni, IIT Guwahati
- Dr. Ferdous A. Barbhuiya, IIIT Guwahati
- Prof. Santosh Biswas, IIT Bhillai
- Prof. S. K. Sinha, IISc Bangalore
- Dr. Arghyadip Roy, IIT Guwahati
- Dr. Ashok Kumar Das, IIIT Hyderabad
- Dr. Antony Franklin, IIT Hyderabad
- Mr. Narang Kishore

Course Fee Details

Academic (Student/Faculty): 500 INR

Industry People/Other: 1000 INR

Foreign Participants: 4000 INR

Online payment details:

Bank Name: Indian Bank/Allahabad Bank

Account Name: NIT Patna

Account No.: 50380476798

IFSC Code: IDIB000B810

Link for Registration: <https://forms.gle/MTZJBBLVrp9xLNZd8>

For more details and application form visit:

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

Email: eictapatna@nitp.ac.in

Contact No.: +91 9707046535