

भारतीय सूचना प्रौद्योगिकी संस्थान भागलपुर, बिहार

Indian Institute of Information Technology

Bhagalpur, Bihar

(Institute of National Importance under Act of Parliament)



Online Short-Term Course on Recent Trends and Applications of RF and Microwave Engineering

7th – 11th December, 2021

Organized by

Dept. of Electronics & Communication Engineering

IIIT Bhagalpur, Bhagalpur – 813210 (Bihar)



Patron

Prof. Arvind Choubey
(Director, IIIT Bhagalpur)

Coordinators

Dr. Dhrubajyoti Bhattacharya & Dr. Prakash Ranjan
Assistant Professor,
Dept. of ECE, IIIT Bhagalpur

About IIIT Bhagalpur

Indian Institute of Information Technology Bhagalpur (IIIT Bhagalpur) is an Institute of National Importance, MoE (earlier MHRD), Govt. of India in Public-Private Partnership (PPP) mode. Bhagalpur is a city of historical importance on the southern banks of the river Ganges in the Indian state of Bihar and popularly known as Silk City. The institute is actively exploring the technical intervention required for the development of the country under the Make in India Initiative. The institute is in notable progress under the able leadership of Prof. Arvind Choubey, Hon'ble Director of the Institute.

Presently, the institute offers B. Tech in engineering in three disciplines in Computer Science and Engineering, Electronics and Communication Engineering and Mechatronics Engineering. The institute has started Ph.D, M.Tech and Dual Degree M.Tech & Ph.D programs from August 2021.

Theme

It gives an opportunity for the participants to get acquainted with the current trends and applications of RF and Microwave in various fields that include Satellite Communication, Biomedical, Defence, and many more. In addition to that, individual participants will be benefitted from ANSYS HFSS sessions for designing various electromagnetic configurations.

Objective and Outcomes

The major objective of this Online Short-Term Course is to address a detail exposure to faculty members and research scholars, post graduates and undergraduates of different institutions about the most recent innovations, trends, concerns, practical challenges encountered, and the solutions adopted in the field of RF and Microwave. At the end of the

program, the participants should be able to understand the following topics related to:

- Antenna design in satellite communication system.
- Microwave in Biomedical application.
- Surface Electromagnetics theory and its fruitful applications.
- Antenna applications in 5G communication.
- Metasurface analysis with its applications.
- Simulations of electromagnetic structures in ANSYS HFSS platform.

Chief Guest

- ✓ Prof. Bratin Ghosh, Dept. of E&ECE, IIT Kharagpur

Guest of Honour

- ✓ Prof. Pradip Kumar Jain, Director, NIT Patna.

Other Speakers

- ✓ Dr. Somak Bhattacharyya, Dept. of Electronics Engineering, IIT BHU.
- ✓ Dr. Himangshu Bhusan Baskey, Scientist E and Deputy Director DMSRDE(DRDO), Ministry of Defence, Govt. of India.
- ✓ Dr. V. S. Gangwar, Scientist E, RAMD, LRDE (DRDO), Ministry of Defence, Govt. of India.
- ✓ Dr. Debasis Mitra, Dept. of ETCE, IEST, Shibpur.
- ✓ Dr. Debidas Kundu, Dept. of ECE, IIT Roorkee.
- ✓ Dr. Anirban Sarkar, Michigan State University, USA.
- ✓ Prof. Sudhakar Sahu, School of Electronics Eng., KIIT University.
- ✓ Dr. Bhagirath Sahu, Jaypee Institute. of Information Technology.
- ✓ Speakers from Industry (ANSYS HFSS Application Engineers).

Target Participant

Industry people, faculty members, research scholars, post-graduates and undergraduate's students of recognized universities & Institutions all over India and abroad.

Registration Fee

From Academic: Rs 500.00

From Industry: Rs 1000.00

Last date of submission of application:

6th December, 2021.

Number of Seats (Tentative):

30 (On first come first basis)

Mode of Payments

Account Name: IIIT Bhagalpur

Bank Name: State Bank of India, Sabour

Account Number: 40204916172

IFSC Code: SBIN0011805

Participant will get e-certificate after the successful completion of the course.

Registration Process

1. Registration can be done through attached brochure or following the link mentioned below.

<https://forms.gle/XEkEk8J1gBgbtoce9>

2. There are 30 seats. Selection will be made purely on First-Come-First-Serve basis (Subject to fulfilling the eligibility criteria).

The brochure and the registration form may be downloaded from the Institute website.

Chairperson

Dr. Dheeraj Kr. Sinha, Head ECE, IIIT Bhagalpur

Advisory Committee

Dr. Gaurav Kumar, Registrar I/C, IIIT Bhagalpur

Dr. Sanjay Kumar, Dept. of ECE, IIIT Bhagalpur

Dr. Sandip Raj, Dept. of ECE, IIIT Bhagalpur

Organizing Committee

Dr. Suraj, Dept. of ECE, IIIT Bhagalpur

Dr. Chandan Kr. Jha, Dept. of ECE, IIIT Bhagalpur

Dr. Chetan Barde, Dept. of ECE, IIIT Bhagalpur

Mr. Kumar Sheelvardhan, Dept. of ECE, IIIT Bhagalpur

Mr. Rajan Kumar, Dept. of ECE, IIIT Bhagalpur

Mr. Ashok Kr. Prasad, Dept. of CSE, IIIT Bhagalpur

Address for Correspondence

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Click the following link for online registration:

<https://forms.gle/XEkEk8J1gBgbtoce9>

Online Short-Term Course

on

Recent Trends and Applications of RF and Microwave Engineering

REGISTRATION FORM

Name (Mr/Ms/Dr.)

Designation.....

Department.....

Institute/Organization.....

Address.....

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Email:

Mobile Number

WhatsApp Number.....

Payment Details:

Online payment Reference number

.....

Date

Amount.....

Signature of Applicant