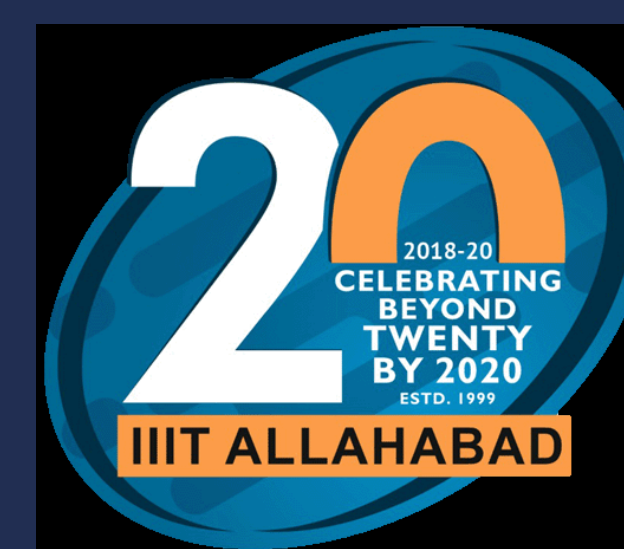


Advancements in Wireless Communications

A Self Financed Course-Cum-Workshop, 27th – 29th September, 2019

Organised By

Mobile and Wireless Networks Laboratory, Dept. of Electronics and
Communication Engineering
Indian Institute of Information Technology Allahabad



About the Workshop

The primary aim of this course-cum-workshop is to impart the knowledge of the advancements in the field of wireless communication among participants. Starting from scratches, most advanced research findings will be described through lectures, invited talks and lab sessions. Also, the assessment will be done for the registered candidates who have interest in joining PhD programme of IIITA in the field of wireless communications.

Invited Speakers

1. Prof. A. Chockalingam, IISc Bangalore
2. Prof. D. Manjunath, IIT Bombay

Course Coordinators & Resource Persons

- ▶ Coordinator and Main Teacher: Dr. Neetesh Purohit, Associate Professor, IIITA.
- ▶ Supporting Teacher: Dr. Suneel Yadav, Assistant Professor, IIITA.
- ▶ The Organizing Committee:
 1. Research Scholars: Abhishek Kumar, Anshul Pandey, Preeti Kharwar, Akhilesh Panchal, Neha Jaiswal, K. Anjali Rao, Ashutosh K. Yadav.
 2. JRF: K. Ram Prasad Rao.

Contact

1. Dr. Neetesh Purohit
phone: +919307146872.
email: rse2016003@iiita.ac.in
2. Abhishek Kumar: +919307146872.
email: rse2016003@iiita.ac.in



Programme Schedule

Schedule	09:00 A.M.- 11:00 A.M.	11:30 A.M.- 1:30 A.M.	3:00 P.M.- 5:30 P.M.
Friday, September 27	Fundamentals of Wireless Communications.	Fundamentals of CDMA and OFDMA.	Introduction to Simulation tools used for validating wireless systems.
Saturday, September 28	The cellular network technologies: 5G and beyond.	Physical Layer Security in Wireless Systems.	Mathematical Modeling and Simulations of Cooperative Relaying Systems.
Sunday, September 29	Invited talk on, OTFS Modulation for 5G and Beyond by Prof. A. Chockalingam.	Invited talk on, Random Networks: Introductory Exploration by Prof. D. Manjunath.	Hands-On session followed by the Valedictory session.

Registration

1. All external as well as internal candidates are required to register before 15th Sept 2019.

One Day: 29th Sept	INR 3000
Two Days: 28th and 29th Sept	INR 4000
Three Days: 27th, 28th and 29th Sept	INR 5000

2. The registration fee includes registration kit and food; for accommodation the participants are required to pay extra.
3. All applicable charges should be paid before the due date 15th Sept 2019 to the following account

Name of Account: **Indian Institute of Information Technology Jhalwa Allahabad**
Account Number: **30996838478** IFSC Code: **SBIN0010891**

4. Website: <https://awc.iiita.ac.in/>

5. Registration link: https://docs.google.com/forms/d/e/1FAIpQLScSWdSDfGSdrpSof-2YMWmrM4sqqQc1Z4r1sAljhu9z_CMFkw/viewform