



A Workshop on Antenna Design for Future Wireless Communication

About IIIT, Allahabad

IIIT-Allahabad, established in 1999, is a premier institution focused on Information Technology (IT) and related fields. It gained "Deemed University" status in 2000 and was recognized as an "Institute of National Importance" by the Government of India in 2014. The institute aims to cultivate professional expertise and skilled manpower in IT and allied research, contributing significantly to India's capabilities in these sectors globally.

Located on a scenic 100-acre campus at Deoghat, Jhalwa, designed in Penrose Geometry pattern, IIIT-A features extensive landscaping for a stimulating environment. The campus, envisioned as fully residential, accommodates students across various areas, all interconnected through the Institute Network.

About ARK Infosolutions:

Founded in 2012, ARK Infosolutions Pvt. Ltd. is a well-established distributor of technology products in India, specializing in various industry segments such as Animation, Broadcast Media, Film & Video Post, Pro AV, Architectural Engineering & Construction, Gaming, Graphic Design, Manufacturing, Mechatronics, Product Design, and Robotics. We have a highly skilled team and a strong reputation for delivering excellent performance.

Organized by:

RF & Wireless Research Laboratory,
Indian Institute of Information
Technology, Allahabad

In Association with :

ARK Solution Pvt. Ltd.

About the workshop :

Day 1: The first day of the workshop will focus on an Introduction to ANSYS, followed by hands-on sessions on Planar Antenna Design for the ISM Band and the Design of Reconfigurable Transmission Lines.

Day 2: The second day will cover mmWave 5G Antenna Design and Array Design using the DDM Method, along with the Design of Magic Tee, Antenna Placement on a Car, Design of Rectangular Waveguide, and an Introduction to PyAEDT and Antenna Design.

This workshop is ideal for professionals looking to enhance their skills, students preparing for careers in wireless communication, and anyone passionate about the future of connectivity. Join us in this transformative learning experience and take your first step from concept to reality in the world of wireless communication.

Key Topics to be Addressed :

- ANSYS for Antenna Design
- ISM Band Planar Antennas
- Reconfigurable Transmission Lines
- mmWave 5G Antennas & Arrays
- Magic Tee & Rectangular Waveguide
- Antenna Placement on Car
- PyAEDT for Antenna Design

CHIEF PATRON :

Prof. Mukul S. Sutaone

Director,
IIIT, Allahabad

GUEST OF HONOUR:

Dr. Kasturi Patil

Ansys Application
Engineer (HF) at ARK

SPECIAL GUEST :

Dr. Ravi Panwar

Associate Professor, IIT BHU
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Workshop fee details :

- Registration Charges without accommodation: Rs. 600
- Accommodation Charges in Hostel for Students (Twin-Sharing Basis) for 2 days: Rs. 500
- Note: Food charges are to be paid at the mess as per actual consumption.

Registration Link :

<https://forms.gle/3Ksu93xiAc19E2iR9>

Scan QR to Register



Important dates:

- Registration starts from 31st August and ends on 20th September.
- Confirmation from the Institute will be sent on 21st September 2026.
- Confirmation will be based on merit and first-come, first-served basis only.

WORKSHOP DATES: 24th and 25th Sep 2026

VENUE: ECE Department, IIIT - Allahabad

WHO CAN ATTEND: Master's students and Research scholars

Special Note :

- Certificates will be provided to all participants
- The maximum number of participants will be **30**. Merit will be based on first-come, first-served.
- Accommodation will be provided based on availability and only for participants from outside the area.