



TECHNICAL SESSION ON  
DESIGN ASPECTS OF PLANAR ANTENNAS:  
SIMULATION AND DEMONSTRATION USING MATLAB

27<sup>th</sup> March 2025 | 10:00 am to 01:00 pm  
MBA Seminar Hall, Acharya Campus

About the Program

Microstrip antennas, also known as patch antennas, are widely used in wireless communications, radar, and satellite systems due to their low profile, light weight, and ease of fabrication. These antennas consist of a dielectric substrate with a conductive patch on one side and a ground plane on the other. Simulation plays a crucial role in designing and optimizing microstrip antennas before physical fabrication. Several software tools, such as CST Microwave Studio, MATLAB, HFSS (High-Frequency Structure Simulator), and FEKO, are commonly used for antenna modeling.

Expected Outcome

- The students will able to work on Microstrip antenna design and evaluate its performance using MATLAB

Objectives of the Program

- To equip student with knowledge on Microstrip antenna design using MATLAB.

Important Dates

Event Details	Dates
Important Dates	27 <sup>th</sup> March 2025
Time	10:00 AM to 01:00 PM
Target Audience	ECE Students
Type of program	Offline
Venue	MBA Seminar Hall

Committee Members

ADVISORY COMMITTEE	—
<ul style="list-style-type: none"><li>• Dr. C. K. Marigowda, Principal, AIT, Bengaluru</li><li>• Dr. Rajeswari, Professor &amp; Head, ECE</li><li>• Dr. Anil Kumar Ramesh, Head, R &amp; D, Dover India Private Ltd., Bengaluru</li><li>• Dr. S K Murthy, Patent Counsel, Intel Technologies, Bengaluru</li><li>• Dr. H V Ravish Aradhya, Professor, RV college of Engineering, Bengaluru</li><li>• Mr. M Venkatas, CEO, Technocarve Solutions, Bengaluru</li></ul>	
CONVENER	+
<ul style="list-style-type: none"><li>• Dr Rajeswari, Professor &amp; Head, ECE, AIT</li></ul>	
COORDINATOR	+
<ul style="list-style-type: none"><li>• Prof. Shankargouda Patil, Assistant Professor, Dept of ECE, AIT</li><li>• Prof. Jagadish M, Assistant Professor, Dept of ECE, AIT</li></ul>	

Resource Person Details



**Mr. Mahesh A**

**Designation :** Center of Excellence in Smart Antenna Systems and Measurements (SASM), Bengaluru



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LOCATE US

Event Coordinator

Prof. Shankargouda Patil,  
Assistant Professor, Dept of ECE, AIT