



ACHARYA INSTITUTE OF TECHNOLOGY

NAAC ACCREDITED

Dept. of Electronics & Communication Engineering

NATIONAL SEMINAR ON

Microwave Integrated Circuits for 5G and Health care Applications

17th September, 2025 | 10:00AM to 12:00PM MBA Seminar Hall, Acharya Campus





About the Program

The Department is organizing a National Seminar on Microwave Integrated Circuits (MICs) for 5G and Healthcare Applications. to provide a comprehensive platform for academicians, researchers, and students to explore the latest trends, design methodologies, and applications of Microwave Integrated Circuits.

Objectives of the Program

- . To educate on microwave integrated circuits (MICs), their design principles, and fabrication techniques.
- · To familiarize participants with simulation tools, design methodologies, and testing of microwave components and circuits.
- To encourage participants to undertake innovative projects and research in the domain of 5G communication and Healthcare applications.

Expected Outcomes of the Program

- · Participants will gain a strong understanding of microwave integrated circuit (MIC) fundamentals, architectures, and performance parameters.
- · Learners will be able to explain and analyze the role of MICs in nextgeneration 5G communication systems and biomedical healthcare devices.
- · Participants will recognize how microwave circuits enable medical imaging solutions and 5G communication.

Target Audience: ECE Students and Faculties

REGISTER NOW

Committee Members

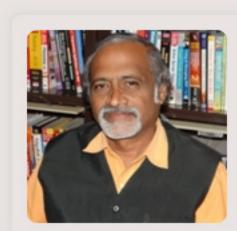
PATRONS Shri B M Reddy, President, JMJ Education Society. Shri B. Premnath Reddy, Chairman, Acharya Institutes. . Smt. Shalini Reddy, Executive Director, Acharya Institutes. Shri Krishna Basani Reddy, Managing Director, Acharya Institutes. ADVISORY COMMITTEE Dr. C K Marigowda, Principal, AIT Dr. Anil Kumar Ramsesh, Head Of R&D, Director, Fellow at TE Connectivity, BLR Dr. S.K. Murthy, Founder & MD, Satatham Kritam Legal IP solutions LLP Dr. Ravish Aradhya H.V. HOD, Dept. of ECE @ RVCE, BLR Mr. M. Venkatesh, Director - VLSI ANALOG · Tessolve Semiconductor Pvt Ltd Mr. Manjunath S, (AIT Alumni) Engineering Program Manager, Continental CONVENER Dr. Rajeswari, Prof and HOD - Department of ECE, AIT

Resource Person Details

Mrs. Kumbhar Trupti Ravikumar, Asst. Prof., Dept of ECE, AIT

. Mrs. Veena Sanath Kumar, Asst. Prof., Dept of ECE, AIT

EVENT COORDINATORS



Dr. S. Raghavan Designation: Professor, ECE Department, NIT, Tiruchirappalli









Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O Soladevanahalli, Bangalore - 560107, Karnataka, India.

LOCATE US

Event Coordinator

Mrs. Kumbhar Trupti Ravikumar Assistant Professor, Dept of ECE, AIT