

# ATAL-FDP on Next Generation RF IC Design for 5G: Architectures, Challenges & Industry Applications

The ATAL Faculty Development Program on Next-Generation RF IC Design for 5G equips participants with essential knowledge of RF integrated circuit architectures, challenges, and industry applications. The program covers advanced concepts such as mmWave design, beamforming, power efficiency, and AI-assisted RF design, preparing faculty and researchers to contribute effectively to emerging 5G technologies.

**18<sup>th</sup> February to March 1<sup>st</sup>, 2026**

**9:00 AM to 5:30 PM**

**Venue** MBA Seminar Hall, Acharya Campus

## SPEAKERS



**Dr. S. R. Raghavan**  
Professor (HAG),  
Retired NIT Trichy



**Dr. Radha Krishna Ganti**  
Professor of Electrical Engineering  
IIT Madras



**Dr. Debajit De**  
Senior R&D Engineer  
Mercedes-Benz R&D India, Bengaluru



**Dr. Rakesh Kumar Jha**  
Associate Professor, Department of ECE,  
Shri Mata Vaishno Devi University, Jammu & Kashmir



**Dr. Sudhindra K. R.**  
Professor  
BMS College of Engineering (BMSCE), Bengaluru



**Dr. Ravishankar**  
Professor  
Department of ECE, RVCE, Bengaluru



**Dr. Subbarao Boddu**  
Assistant Professor, Department of EE,  
Mahindra University, Ecole Centrale School of Engineering,  
Hyderabad.



**Dr. Roseline Immaculate**  
Associate Professor  
MSRIT (MS Ramaiah Institute of Technology), Bengaluru



**Dr. Dhaval Patel**  
Associate Professor  
Ahmadabad University



**Dr. Adarsh Patel**  
Assistant Professor  
SCEE, IIT Mandi, HP



**Mr. Ravikiran Annaswamy**  
CEO  
Numocity Technologies, Bengaluru



**Dr. Rajeswari**  
Professor and Dean of Academics  
Acharya Institute of Technology, Bengaluru



**Prof. Devasis Pradhan**  
Dean Research and Development  
Assistant Professor Grade I, Department of ECE  
Acharya Institute of Technology, Bengaluru



**Dr. Jayalaxmi H**  
Professor, Dept. of ECE,  
Acharya Institute of Technology, Bengaluru



**Mr. Munavar Shariff**  
Assistant Professor, Department of ECE  
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