

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Sl. No.	Name of the Faculty	RESEARCH INTERESTS
1.	Dr. B. VENKATA RAMANI	Electronics and Communication
2.	Dr. G. LAKSHMI NARAYANAN	VLSI based Wireless System Design/Physical Layer Design, Algorithms and Techniques for Cognitive Radio, Design of Asynchronous Systems and Reconfigurable systems
3.	Dr. M. BHASKAR	DSP Architectures and applications, Low power VLSI design, High speed transceiver design
4.	Dr. P. MUTHUCHIDAMBARANATHAN	recent technologies in wireless communications, and optical communications
5.	Dr. D. SRIRAM KUMAR	Microwave and Optical Engineering Antennas and Wave Propagation
6.	Dr. P. PALANISAMY	Signal and Image Processing
7.	Dr. E. S. GOPI	pattern recognition, digital signal processing and biologically inspired algorithms
8.	Dr. B. MALARKODI	Ad hoc networks and wireless communication networks
9.	Dr. R. PANDEESWARI	Metamaterials, Microwave
10.	Dr. R. K. JEYACHITRA	Information and Communication systems, microwave/ millimeter-wave photonics, Optical Wireless communication, Radio over Fiber, optical communication and Photonic Crystal Fibers
11.	Dr. N. GUNAVATHI	UWB antennas, mobile handset antennas and Metamaterial inspired planar antennas CPW –fed antenna for Wi-Fi applications, metamaterial inspired antennas, wireless communication
12.	Dr. B. REBEKKA	Wireless communication and networks
13.	Dr. G. THAVASI RAJA	Design of photonic crystal fibers, fiber amplifiers, fiber lasers and wireless communication systems
14.	Dr. V. SUDHA	Communication Systems
15.	Dr. S. DEIVALAKSHMI	Signal and Image processing

Sl. No.	Name of the Faculty	RESEARCH INTERESTS
16.	Ms. R. THILAGAVATHY	Embedded system design, Low power VLSI system design
17.	Ms. R. K. KAVITHA	Low-power VLSI systems, Asynchronous Pipelining, ultra-wideband systems, and device modeling/
18.	Dr. R. MALMATHANRAJ	Reinforcement learning Medical Image processing
19.	Dr. KARTHIKEYAN S. S	RF/Microwave Engineering, Antennas, Additive manufacturing of RF components/Circuits
20.	Dr. VARUN P. GOPI	Signal Processing, Medical Image Processing