Faculty Profile

Faculty	**Prof. Radhamani R** **Assistant Professor – Department of ECE** East Point College of Engineering & Technology

	Profile*
	Prof. Radhamani R holds a MTech in VLSI Design and Embedded systems from East Point College of Engineering and Technology, Bengaluru and B.E. degree in Electronics and Communication Engineering from SKIT, Bengaluru. She is a dedicated and experienced Teacher with a passion for creating, engaging and inclusive learning environments for past 10 years. She also worked has a test Engineer in BEL for 2 years. Skilled in assessing student progress, and fostering positive relationships with students, parents, and colleagues. Area of Interest: Image Processing, Artificial intelligence, Machine Learning, Digital Electronics, Embedded Systems.

	Publications
	Patents
	• An Intelligent IOT Augmented reality based framework for Health monitoring System • Design of a multicopter Unmanned Aerial Vehicle with advanced capabilities for cognitive tracking and obstacle avoidance.
	Journals
	• Praveen Kumar K C, Radhamani R, Hemavathi N V, Deepthi Chamkur, have presented the paper on" Enrichment of color image using random transfer functions", JETIR, Bangalore dated on 4th August 2021. (ISSN: 2349-5162). • Radhamani R ,Navya V, PoojaKaware, Rajesh K, Kavita Avinash Patil, have presented the paper on" A Real time Embedded Gateway System for Industrial Automation Applications", JETIR, Bangalore dated on 4th August 2021. (ISSN: 2349-5162).
	Conferences
	• Presented paper titled "Sign Language Recognition System based on posture using seer pipe" in International Conference on "Smart Technologies, communication and Robotics"-ICSCR-2023 • Radhamani R, Yashas D, Ashwini K S, Thilak Gowda have presented the paper on "Pathway Sky Rover", National Conference, Organized by EPCET, Bangalore dated on 6th June 2023.
	Achievements / Awards / Recognitions
	• Life Memberships of International Association of Engineers (IAENG) • NPTEL Elite certificate in "Digital circuits" • NPTEL Elite certificate in "Microprocessor and Microcontroller"