List of Research Guides and their students under RNS R & D Centre, ECE Dept.

Research Guides	Student	Title	Year of Registration	Status (coursework/comprehensive/thesis submitted//completed)
Dr. Vipula Singh	Prakash Tunga P	Near Lossless Compression of MRI Brain Images based on Region on Interest	2013	Comprehensive completed (Drafting Thesis)
	Smitha N	Detection and Localization of sub surface explosive objects using GPR (Ground Penetrating Radar)	2013	Ph.D completed
	Mamatha A S	An Efficient Image Compression System On-Board satellite	2012	PhD completed
	Ghousia Begum S	Tele-cardiology for remote health care system	2014	Comprehensive completed
	Sanjay Belgaonkar	Design and Analysis of Compressive sensing and sparse reconstruction algorithms for signal processing applications	2018	Appearing for coursework
Dr. Rajini V H	Ibrar Jahan M.A	Design, Modeling and Analysis of Integrated Optic Bragg Grating for Sensing Applications.	2016	Comprehensive completed
	Sreenivasa Babu M.O	Passive Photonic Crystal based Devices for Delay Line Application	2016	Coursework cleared
	Chaitra T S	Design and Optimization of Integrated optic(IO) Devices in III-V Semiconductors	2017	Coursework completed
	Padmaja Jain	Integrated optic delay lines in GaAa/InP platform	2017	Coursework completed
	Vinaya Kusuma	Analysis and design of optical delay lines using silicon based platform	2018	Appearing for coursework
Dr. Uma S V	Swetha B	High Speed and Secure Name Lookup for the Implementation of Scalable named Data Networks	2017	Coursework completed
	Vanitha K.S	Novel and Adaptive Algorithms to Ensure Security and Performance of MANETS	2017	Coursework completed
	Aswini N	Detect –Sense-Avoid capabilities in UAVs	2015	Completed Open seminar-1 and draft

				copy of thesis
Dr. S Sandhya	Usha B S	Ovarian Abnormality Detection Using Geometrical AND Statistical Features	2009	Ph.D completed
	Manjula V K	SDR solution for IEEE802.15.4 BPSK modem	2011	Ph.D completed
Dr. Andhe Pallavi	Archana R Kulkarni	Algorithms for power optimization in Wireless Sensor Networks	2009	Ph.D completed
Dr. Suresh D.	Manyavaram Ravikishore	An adaptive mechanism for extraction of abnormal regions in molecular images	2018	Registered
	Prakash Babu Namoori	Dynamic segmentation model for the diagnosis of erythrocyte infection by malaria parasite using microscope images	2018	Registered
Dr. Sangeetha B. G	Hemalatha K N	Design and Optimization of multiplier circuit using reversible logic	2015	Registered
	Girija S	Synthesis and Optimization of ALU using reversible logic	2016	Registered
Dr. C. N. Prabhavathi	Gunasheela T.J.	A Quantitative Estimation of Electroencephalographic Indices and State Classification using Machine Learning	2019	Registered