Research Activities:
a) Research Guide: Dr. K M Ravikumar-Principal

Sl.No.	Research Scholar	USN	Year of Registration	Registered for	Title of Research Work	Status
01.	Manjunatha Siddappa	1VK17PEC01	2017	Part Time Ph.D in ECE, VTU-Belagavi	A Cognitive Approach Towards Measuring Effectiveness of Meditation based on Brain computer Interface EEG Device	**Awarded**
02.	Mr. Tilakraj N	1VK16PEC01	2016	Part Time Ph.D in ECE, VTU-Belagavi	An efficient method to find the ancestor node for each leaf of Binary partition Tree(BPT) by processing beyond pruning strategies: Application to POLSAR image filtering and Classification	**Comprehensive Viva Voce Completed**
03.	Nadeem Pasha	1VK20PEC02	2020	Part Time Ph.D in ECE, VTU-Belagavi	FPGA Based Photo Acoustic Coherent Detection and Tracking system during Pandemic in VIVO Images	**Course Work Completed**

| 04. | Vishala L | 1VK21PEC03 | 2022 | Part Time Ph.D in ECE, VTU-Belagavi | A Novel Optimization Algorithm for PAPR reduction of MIMI OFDM signals | **Course Work Completed** |

b) Research Guide: Dr. Bhagyalakshmi N-Professor & HoD, Dept. of ECE

Sl.No.	Research Scholar	USN	Year of Registration	Registered for	Title of Research Work	Status
01.	Sathyanvesh R	1VK21PEC01	2023	Part Time Ph.D in ECE, VTU-Belagavi	Smart Agriculture using automation	**Course Work Completed**
02.	Susmitha B C	1VK21PEC02	2023	Part Time Ph.D in ECE, VTU-Belagavi	An Efficient Deep Learning based on Big Data Analytics Algorithm for Identification and Segmentation of Tumor Cells for Infant Brain Magnetic Resonance Imaging	**Comprehensive Viva Voce Completed**

Paper Publications by Research Scholars in Conferences:

➢ Susmitha B C (USN: 1VK21PEC02), Research Scholar, ECE Research Center (VTU) has presented Conference paper on "Exploring Deep Learning approaches for Big data Challenges in Infant Brain MRI", 3rd IEEE International Conferences on Knowledge Engineering and Communication Systems, April 28th -29th 2025.

Paper Publications by Research Scholars in International Journals:

➢ Manjunatha Siddappa (USN: 1VK17PEC01), has published paper titled" Towards automated classification of cognitive states: Riemannian geometry and spectral embedding in

EEG data" in Indonesia Journal of Electrical Engineering and Computer Science, Vol.36, No.2, pp. 1023-1029, November 2024.