

Electronics & Telecommunication Engineering Department

Ongoing PhD Students at RIT Center

Sr. No.	Department	Name of Ph.D. Guide	Name of Ph.D. candidate	Title of Research Project	Year of Reg.
1.	Electronics & Telecommunication Engg.	Dr. A. B. Kakade	Mrs. Nayan Jaywant Kotmire	Analysis and Design of Charger for Electric Vehicle	2018-19
2.	Electronics & Telecommunication Engg.	Dr. A. B. Kakade	Mrs. Anjali Hemant Tiple	Development of Segmentation Algorithms for 3D Magnetic Resonance Images of Brain and Performance Analysis using Deep Learning	2018-19
3.	Electronics & Telecommunication Engg.	Dr. M.S. Patil	Mrs. Reshma Nasirhusain Bhai	Enhancement in Interoperability for Heterogeneous, Intelligent Self Organized Internet of Things using Software Defined Networks	2019-20
4.	Electronics & Telecommunication Engg.	Dr. M.S. Patil	Mrs. Sneha Bajirao Paymal	Multitask Deep Learning Approach for Monitoring Elderly People at Home using an Action Recognition Mechanism	2020-21
5.	Electronics & Telecommunication Engg.	Dr. M.S. Patil	Mr. Amol Ramchandra Sutar	Design and Performance Evaluation of a DC Fast Charging System for Electric Vehicles	2020-21
6.	Electronics & Telecommunication Engg.	Dr. M.S. Patil	Mr. Kirankumar Ganpati Sutar	Performance Analysis of Real Time Positioning of Fish Based on Acoustic Telemetry and Monitoring of Fish Farming using Internet of Fish	2020-21
7.	Electronics & Telecommunication Engg.	Dr. M.S. Patil	Mrs. Aditi Patangrao Patil	Artificial Intelligence for Instinctive Diagnosis of Sugarcane Diseases and Alert System using IOT in Agriculture	2020-21
8.	Electronics & Telecommunication Engg.	Dr. M.S. Patil	Mr. Amit Bhimrao Jadhav	Performance Evaluation of Current Ripple Minimization Techniques for BLDC Motor Drive in Electric Vehicle	2020-21
9.	Electronics & Telecommunication Engg.	Dr. M. S. Kumbhar	Mr. Sachin Ulhas Chavan	Performance Enhancement of Electric Vehicle by Deploying Optimization Techniques.	2021-22
10.	Electronics & Telecommunication Engg.	Dr. M. S. Kumbhar	Mr. Prabhanjan Pradipkumar More	Development of Driver assistance System using Soft Computing Techniques	2021-22

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11.	Electronics & Telecommunication Engg.	Dr. A. B. Kakade	Mr. Aniket Prabakar Joshi	Design of Miniaturized Microstrip Antenna using Metamaterial for WLAN application	2021-22
12.	Electronics & Telecommunication Engg.	Dr. J. S. Awati	Mr. Umesh Ashok Kamerikar	Development of Deep Learning model of Enhancing the Image Visibility with Fusion of Visible and Infrared Images	2023-2024