



K. E. Society's
Rajarambapu Institute of Technology, Rajaramnagar
(An Empowered Autonomous Institute, Affiliated to Shivaji
University, Kolhapur)



Department of the Electronics & Telecommunication Engg.
List of Ongoing Ph.D. Candidates at R.I.T. Ph. D. Centre

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



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10	Mr. Sachin Ulhas Chavan	Dr. M. S. Kumbhar	Performance Enhancement of Electric Vehicle by Deploying Optimization Techniques.	2021-22
11	Mr. Aniket Prabakar Joshi	Dr. A. B. Kakade	Design of Miniaturized Microstrip Antenna using Metamaterial for WLAN Application	2021-22
12	Mr. Umesh Ashok Kamerikar	Dr. J. S. Awati	Development of Deep Learning model of Enhancing the Image Visibility with Fusion of Visible and Infrared Images	2023-24
13	Mrs. Poonam Prashant Kshirsagar	Dr. M. S. Kumbhar	Fruit Defect Detection using Convolutional Neural Networks and Image Processing Techniques	2024-25
14	Mrs. Pravin Ismail Kinikar	Dr. M. S. Kumbhar	Analysis of EEG and EMG for Parkinson's Disease using Soft Computing Techniques.	2024-25
15	Mr. Amarshina Ashokrao Ranaware	Dr. J. S. Awati	Design, simulation, and Optimization of an Edge-Enabled Intelligent Control Framework for autonomous Decision-Making in Cyber-Physical Systems.	2024-25
16	Mrs. Mayuri Swapnil Patil	Dr. M. S. Kumbhar	Optimization of Electric Vehicle Battery Management System using AI Control Algorithm.	2024-25
17	Mrs. Shaikh Parija Sahebaji	Dr. J. S. Awati	Cross-Domain Bio signal Convergence Framework for Neurological Anomaly Anticipation Using Multimodal Neuro-Muscular and Cardiac Interfaces	2024-25
18	Mrs. Joshi Pragati Aniket	Dr. J. S. Awati	Deep Learning-Based Detection and Identification of Milk adulterants for Food safety	2024-25
19	Mrs. Patil Vrushali Rajaram	Dr. A. B. Kakade	Design and analysis of enhanced AC & DC Voltage Measurement Systems and	2024-25



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			Low Voltage DC Power Supply.	
20	Mrs. Waichal Gauri Shrikant	Dr. A. B. Kakade	Design and Performance Analyses of a Hybrid FFT-DWT Based OFDM System for Enhanced Spectral and Power Efficiency in Next-Generation Wireless Networks.	2024-25