



**K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215**  
**(Autonomous)**

**Department of Electrical and Electronics Engineering**

**List of Research Scholars Completed Ph.D.**

S. No	Reg. No	Name of the Scholar	Date of Registration	Date of the Viva Voce	Title of the Thesis	Name of the Supervisor	Internal/ External	Full/Part Time
<b>2024 - 2025</b>								
1	16184997220	Mohamed Imitaz N	02.07.2016	15.10.2024	An Integrated Approach to Enhance Data Security in Cloud Through Hybrid Encryption and Blockchain	Dr.K.Sathiyasekar	External	Part-Time
2	18254997168	Hima Vijayan	23.06.2018	09.06.2025	A Hybrid Intelligent Clustering Model For Tackling Incomplete Mixed Data Using A Heuristic Algorithm	Dr.K.Sathiyasekar	External	Part-Time
<b>2023 - 2024</b>								
1.	1514469389	T. Sivaprakasam	27.01.2015	25.08.2023	Design of Energy and Area Efficient Pipelined Radix-S Reconfigurable FFT Architecture Using Multi Core Array Mapping For Medical Applications	Dr.M.Ramasamy	External	Part-Time
2.	1624469262	R.Hemalatha	03.03.2016	25.08.2023	Design of Hysteresis Current Controller Using Probabilistic Neural Network (PNN) For Cascaded H-Bridge Inverter Based STATCOM	Dr.M.Ramasamy	External	Part-Time

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3.	18143691166	V. Dhinesh	03.03.2016	25.08.2023	A High Step-up Switched Quasi Z-Source Three-Port (SQZSTP) DC-DC Converter for Photovoltaic Power Generating System	Dr.M.Ramasamy	External	Part-Time
4.	1518469253	A.Raja	26.12.2014	25.10.2023	Certain Investigations On Performance Of Solar Photovoltaic Interconnected ZSI-Unified Power Quality Conditioner To Enhance Power Quality	Dr.M.Vijayakumar	External	Part-Time
5.	1518369760	Mohamed Ibrahim .A	24.06.2015	10.01.2024	An Optimal Power Flow Control Using Advanced Power Controlled Compensators in Transmission Networks	Dr.M.Vijayakumar	External	Part-Time
6.	17144697153	Rajeshkumar K	28.06.2017	09.01.2024	Optimal Resource Allocation Strategies for Cognitive Femtocell Networks with Efficient Access and Backhaul Management	Dr.M.Vijayakumar	External	Part-Time
7.	1513469883	Saravanan. G	27.06.2015	09.02.2024	An Intelligent Speed Control Strategy for Solar PV fed Brushless DC Motor Driven Automotive Applications	Dr.M.Vijayakumar	External	Part-Time
8.	17143991170	Loganathan N	23.12.2016	29.12.2023	Hybrid Renewable Energy Supported STATCOM with Coordinated Control of Multi-Agent Systems for Energy Management and Harmonic Mitigation	Dr.K.Lakshmi	External	Part-Time

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9.	18143691122	Kesavan T	19.12.2017	23.02.2024	Optimal Allocatin of Renewable Energy Sources in Virtual Power Plant for Electrical Energy Mangement in Distribution Network	Dr.K.Lakshmi	External	Part-Time
10.	20133691159	Murugesan M	18.12.2019	21.06.2024	Performance Investigation of Reduced Switch Count Multilevel Inverters	Dr.K.Lakshmi	External	Part-Time
<b>2021 - 2022</b>								
1.	1514369174	Gunasekaran. R	23.12.2014	27.06.2022	Reduction of Total Harmonic distortion (THD) in line-line voltage for Multi-level inverter using differential phase angle control strategies	Dr.S.Ramesh (Research Coordinator)	External	Part-Time
2.	17183697263	A.Sathik Basha	30.06.2017	26.05.2022	Performance analysis of photovoltaic interfaced Z-source inverter based Dynamic voltage restorer for power quality improvement	Dr.M.Ramasamy	External	Part-Time
3.	1614369156	S.Ramachndran	03.03.2016	11.04.2022	Certain investigations on solar photovoltaic interfaced quasi impedance source network based static compensator for voltage and frequency control in the wind energy system	Dr.M.Ramasamy	External	Part-Time
4.	16144697184	S. Parthiban	02.07.2016	12.04.2022	Performance investigations on solar photovoltaic sustained ZSI based unified active power	Dr.M.Vijayakumar	External	Part-Time

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					filter for enrichment of power quality			
5.	16134697163	K.P.Uvarajan	02.07.2016	21.10.2021	An optimal congestion aware data aggregation and target object tracking approaches for wireless sensor networks	Dr.C.Gowri Shankar	Internal	Part-Time
6.	1314369142	K.Muthuvel	28.12.2012	06.10.2021	Certain investigations on the performance of solar photovoltaic sustained quasi Z-source network based unified power quality conditioner for enhancement of power quality	Dr.M.Vijayakumar	External	Part-Time
7.	1514469297	Sathishkumar D	26.12.2015	09.08.21	Hybrid renewable energy storage system using modified power management strategies in standalone micro grid	Dr.M.Vijayakumar (Research Coordinator)	External	Part-Time
8.	1613369157	Dineshkumar B	20.02.2016	27.08.21	Performance Investigation of Z-Source Network based photovoltaic system backed unified active power filter for enrichment of power quality	Dr.P.Suganya (Joint Supervisor)	External	Part-Time
9.	17144691129	Baskar K	20.08.2016	09.08.21	Epilepsy Seizure Detection in Electroencephalogram Signals Using Robust Time Space Analysis Feature Extraction Method With DLNN Classifiers	Dr.P.Suganya (Joint Supervisor)	External	Part-Time