



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

Department of Electrical and Electronics Engineering

List of Research Scholars Pursuing Ph.D. under the EEE Research Centre

Total No. of Research Scholars Pursuing Ph. D : 54

S. No.	Enrolment No.	Name	Year of Enrolment	Tentative Title	Name of the University	Status	Internal / External
Supervisor : Dr.S.RAMESH							
1	24244691594	Keerthana R	27.12.2023	Intelligence surveillance for crowd analysis using deep learningTechniques	Anna University	Course work	Internal
2	24233691114	Yuvarani B	27.12.2023	Optimal design of renewableenergy supported UPQC for powerQuality enhancement using optimization algorithm	Anna University	Course work	Internal
3	24144691579	Arulkumar R	27.12.2023	Extending volunteer supported fog computing environment forStreaming and delay sensitive IOT applications	Anna University	Course work	Internal
4	24143691115	Dhivagar S	19.12.2023	Power quality improvement of a two-stage grid-tied hybridRenewable energy system under grid and load unbalanced conditions	Anna University	Course work	Internal

5	24134697149	Raja L D	12.07.2024	Blockchain-enabled supervised secure data sharing and delegationScheme in web3.0	Anna University	Course work	External
6	22234691474	Nirmala Gandhi J	20.02.2022	Cervical Cancer Detection using Machine Learning Technologies	Anna University	Course work	Internal
7	18144991438	Sadhasivam S	19.12.2017	Detecting Anomalous Behavior of User in Online Social Networks Using Data Mining Techniques	Anna University	Confirmation Received	Internal
8	18144991416	Sathishkumar K R	19.12.2017	Framework for Twitter Sentiment Analysis Using Classification Algorithm	Anna University	Confirmation Received	External
Supervisor : Dr.V.RAVI							
9	24244697195	Madhubala B	6.07.2024	Detection Of Parkinson Disease Using Machine Learning	Anna University	Course work	Internal
10	23243697186	Sivaranjani C	11.07.2023	Implementation of Deep Learning Method for Solar Powered EV Charging Base Stations demand Management	Anna University	Course work	External
11	18237691106	Sneha P	22.04.2022	Advance teaching technology for disable students	Anna University	Course Work	Full Time
12	18134991409	Prabhu P	18.12.2017	An Efficient Method for Predicting Students Performance Using Data Mining Techniques	Anna University	Confirmation Received	External
13	18147691195	Dinakaran S	13.04.2022	Neural Classification	Anna University	Course Work	Full Time

Supervisor : Dr.M.VIJAYAKUMAR

14	24249697170	Kanmani G	12.07.2024	Machine learning based framework for prediction of energyConsumption and production in smart distribution system	Anna University	Course work	External
15	24133691123	Saravanan K	19.12.2023	Renewable energy interfaced custom power device based on hybrid Optimization technique for power quality improvement	Anna University	Course work	Full Time
16	23233697209	Priyadarshini M	11.07.2023	Optimal Design of Renewable Energy Supported UPQC for Power Quality Enhancement Using Optimization Algorithm	Anna University	Course work	External
17	23173697203	Sampathkumar P	11.07.2023	FACTS Devices For Reactive Power Compensation and Power Flow Control	Anna University	Course work	External
18	23243697222	Vasanthi A	11.07.2023	Multi-AgentSystem for Optimized Energy Management and Security in a Micro Grid Unified to the Grid Using Hybrid Energy Sources	Anna University	Course work	Internal
19	23143691181	Rajkumar.P	17.12.2022	Investigation of Image Processing in Human Brain Together with Eye	Anna University	Confirmation Received	External
20	23143691114	S.Gowtham	16.12.2022	Grid Interactive Solar and Battery Operated DSTATCOM with Hybrid Optimization Technique for Power Quality Improvement	Anna University	Confirmation Received	Internal

21	22144691315	Elango S	07.02.2022	Energy Management and Harmonic Compensation of Micro-Grid Using IoT based Decentralized Control Architecture	Anna University	Confirmation Received	External
Supervisor : Dr.K.LAKSHMI							
22	18133691130	Karthikeyan S	19.12.2017	Integrated control of Brushless DC Motor through Renewable Energy Storage System	Anna University	Confirmation Received	External
23	18133691131	Boobalan S	19.12.2019	Controller Design and optimization in Multi-Area power system	Anna University	Confirmation Received	External
24	18243697128	Lalitha B	15.06.2018	Performance Analysis Of Photovoltaic Interfaced Modified Multilevel Inverter Under Partial Shaded Condition	Anna University	Confirmation Received	External
25	17233997133	Shanmugapriya M	23.06.2017	Digital controlling methods for active power factor correction	Anna University	Confirmation Received	External
26	19233691164	Malini T	07.01.2019	Robust Fault Analysis In Transmission Lines Using Phasor Measurement Units	Anna University	Confirmation Received	External
Supervisor : Dr.M.RAMASAMY							
27	25243691174	Saarulatha T	30.01.2025	Modelling And Design Of Power Converters For Grid - Connected Renewable Energy Source Applications	Anna University	Course work	Full-Time
28	24133691145	Suresh C	19.12.2023	IOT based energy management and power quality improvement in grid Connected hybrid renewable energy systems	Anna University	Course work	External

29	23133691111	Sathiyaraj.D	16.12.2022	Optimal Design of Boost Converters for Renewable Energy-Based Micro Grid Systems	Anna University	Confirmation Received	External
30	23143691110	Manikandan P	16.12.2022	Design of Power Converters for the Integration of Multiple Renewable Power Generation Systems with Grid	Anna University	Confirmation Received	External
31	1513369188	M.Ramkumar	12.12.2014	Analysis of variable Speed Wind Energy Conversion System	Anna University	Thesis Submitted	External
32	1514369159	T.K.S. Sathyanarayanan	12.12.2014	Modeling and Analysis of Predictive Control Applied to three phase Grid connected Quasi Z Source Inverter	Anna University	Confirmation Received	External
Supervisor :Dr.R. SANKARGANESH							
33	25223691146	Gayathri K	13.02.2025	Fault Analysis In Converters Using Machine Learning Techniques	Anna University	Course work	External
34	21243697208	Deepika R	16.09.2021	Design of Novel Multilevel Inverter with Reduced Switches for PV Applications	Anna University	Confirmation Received	External
35	18153697122	T.Bharani Prakash	15.06.2018	Improved Diamond Type Semi-Conductor Device for Power Electronics Applications	Anna University	Confirmation Received	External
36	20143691174	R.Arun Kumar	23.12.2019	Investigation of Cyber Attacks on Plug-in hybrid electric vehicles in smart grid	Anna University	Confirmation Received	External
37	24123697138	Saran Sujai T	12.07.2024	A novel integrated multilevel inverter structure for Transformation of renewable energy	Anna University	Course work	Internal

Supervisor : Dr.R.JEYABHARATH							
38	24143697172	Manikandan P	19.07.2024	Development of advanced battery management systems for enhanced Charging performance and battery health in electric vehicle	Anna University	Course work	Internal
39	24243697118	Sacithraa R	13.07.2024	Artificial intelligence based energy management system for electric Vehicle	Anna University	Course work	Internal
40	24143691105	Karthik S	15.12.2023	Design and development of intelligent electronic control unit for Electric vehicle applications	Anna University	Course work	Internal
41	23143691156	Stephenraj MA	16.12.2022	Development Of Intelligent Techniques For Green Energy Management	Anna University	Course work	Internal
42	18124697253	Jayakumar P	15.06.2018	High performance MAC unit for embedded system	Anna University	Confirmation Received	External
Supervisor: Dr.P.VEENA							
43	24139697165	Marthandan T	10.07.2024	Embedded & IOT-cloud-based smart healthcare monitoring system for Prediction of fatal diseases using ml algorithms	Anna University	Course work	External
44	24253697114	Meenatchi K	13.07.2024	Artificial intelligence app roaches for battery management system in Electric vehicle	Anna University	Course work	Internal
45	23243697269	Kiruthiga Devi V	21.08.2023	Renewable Powered Electric Vehicle System	Anna University	Course work	Internal

46	23143691157	Ravi A	16.12.2022	Design And Development of Task Scheduling Algorithm For Automotive Embedded System	Anna University	Course work	Internal
47	23223691184	Gohila R	16.12.2022	Artificial Intelligence Based power quality enhancement in hybrid renewable source micro grid connected system	Anna University	Course work	External
48	23143691128	Arvind T	16.12.2022	Artificial Intelligence Based Energy Management System For Wireless Power Transfer In Renewable Energy System	Anna University	Course work	External
Supervisor: Dr. K Sathiyasekar							
49	24233697171	Indumathi M	19.07.2024	Low voltage ride through for robust electrical distribution system using artificial intelligence control algorithm for electrical vehicle applications	Anna University	Course work	External
50	17153991235	Prakash D	21.01.2017	Intelligent security system using ARM microcontroller	Anna University	Synopsis Submitted	External
51	17123991234	Alexprabu S P	27.12.2016	Intelligent techniques based renewable energy management system	Anna University	Synopsis Submitted	External
52	17223991106	DivyaPrabha V	22.12.2016	Power Quality Improvement Using Renewable Energy	Anna University	Confirmation Received	External
53	17133991105	Sathish Kumar T	22.12.2016	Coordination controller of FACTS devices using SVC TCSC and TCPST by soft computing techniques	Anna University	Confirmation Received	External

54	16243997185	Valliyammal L	30.06.2016	Analysis of Brain tumor detection using intelligent techniques	Anna University	Synopsis Submitted	External
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Coordinator

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