

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

DEPARTMENT OF EEE

List of Research Scholars Pursuing Ph.D

Total No. of Research Scholars Pursuing Ph.D : 30

S. No.	Enrolment No.	Name	Year of Enrolment	Tentative Title	Name of the University	Status	Internal / External
Supervisor : Dr.S.RAMESH							
1	22234691474	Nirmala Gandhi J	20.02.2022	Cervical Cancer Detection using Machine Learning Technologies	Anna University	Course work	Internal
Supervisor : Dr.V.RAVI							
2	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
3	1524369701	Kavitha B	10.07.2015	A grid connected hybrid solar-fuel cell based MPPT with implementation of particle swarm optimization	Anna University	Course Work	External
4	18237691106	Sneha P	22.04.2022	Image Processing	Anna University	Course Work	External
5	18147691195	Dinakaran S	13.04.2022	Neural Classification	Anna University	Course Work	External

Supervisor : Dr.M.Vijayakumar

6	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
7	23173697203	Sampathkumar P	11.07.2023	FACTS Devices For Reactive Power Compensation and Power Flow Control	Anna University	Course work	External
8	23243697222	Vasanthi A	11.07.2023	Multi-AgentSystem for Optimized Energy Management and Security im a Micro Grid Unified to the Grid Using Hybrid Energy Sources	Anna University	Course work	Internal
9	23143691181	Mr.Rajkumar.P	17.12.2022	Investigation of Image Processing in Human Brain Together with Eye	Anna University	Course work	External
10	23143691114	Mr.S.Gowtham	16.12.2022	Grid Interactive Solar and Battery Operated DSTATCOM with Hybrid Optimization Technique for Power Quality Improvement	Anna University	Course work	Internal
11	22144691315	Elango S	07.02.2022	Energy Management and Harmonic Compensation of Micro-Grid Using IoT based Decentralized Control Architecture	Anna University	Course work	External
12	17144697153	Rajeshkumar K	28.06.2017	Computer Networking	Anna University	Thesis Submitted	External
13	1518469253	Raja. A	26.12.2014	Power Quality issues and solution in a proposed micro grid powered by photovoltaic and wind turbine	Anna University	Thesis Submitted	External

14	1513469883	Saravanan. G	27.06.2015	Simulation and modeling of BLDC motor drives	Anna University	Thesis Submitted	External
15	1518369760	Mohamed Ibrahim A	24.06.2015	Optimization method for optimal power flow using the flexible AC transmission system	Anna University	Thesis Submitted	External
Supervisor : Dr.K.Lakshmi							
16	18133691130	Karthikeyan S	19.12.2017	Integrated control of Brushless DC Motor through Renewable Energy Storage System	Anna University	Confirmation Received	External
17	18133691131	Boobalan S	19.12.2019	Controller Design and optimization in Multi-Area power system	Anna University	Confirmation Received	External
18	18143691122	Kesavan T	19.12.2017	Optimal Allocation Of Renewable Energy Sources In Virtual Power Plant For Electrical Energy Management In Distribution Network	Anna University	Thesis Submitted	External
19	18243697128	Lalitha B	15.06.2018	Performance Analysis Of Photovoltaic Interfaced Modified Multilevel Inverter Under Partial Shaded Condition	Anna University	Confirmation Received	External
20	20133691159	Murugesan M	18.12.2019	Performance Investigation Of Reduced Switch Count Multilevel Inverters	Anna University	Synopsis Submitted	External
21	17143991170	Loganathan N	23.12.2016	Hybrid Renewable Energy Supported Statcom With Coordinated Control Of Multi-Agent Systems For Energy Management And Harmonic Mitigation	Anna University	Thesis Submitted	External

22	17233997133	Shanmugapriya M	23.06.2017	Digital controlling methods for active power factor correction	Anna University	Confirmation Received	External
23	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							
24	23133691111	Mr.Sathiyaraj.D	16.12.2022	Optimal Design of Boost Converters for Renewable Energy-Based Micro Grid Systems	Anna University	Course work	External
25	23143691110	Mr.Manikandan P	16.12.2022	Design of Power Converters for the Integration of Multiple Renewable Power Generation Systems with Grid	Anna University	Course work	External
26	1513369188	M.Ramkumar	12.12.2014	Analysis of variable Speed Wind Energy Conversion System	Anna University	Thesis Submitted	External
27	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 completed	External
Supervisor :Dr.R.Sankarganesh							
28	21243697208	Deepika R	16.09.2021	Design of Novel Multilevel Inverter with Reduced Switches for PV Applications	Anna University	Confirmation completed	External
29	18153697122	T.Bharani Prakash	15.06.2018	Improved Diamond Type Semi-Conductor Device for Power Electronics Applications	Anna University	Confirmation completed	External
30	20143691174	R.Arun Kumar	23.12.2019	Investigation of Cyber Attacks on Plug-in hybrid electric vehicles in smart grid	Anna University	Course Work	External