

S. No.	Name of the Supervisor	Supervisor No	Name of the Scholar guiding	Date of enrolment	Title of the Research
1.	Dr. S. Padma	2330151	Prabhu B M	21.07.2012	Design of Low Power Novel ALU using Optimized Multiplier
			Arun Kumar S	11.06.2014	Transient Stability Analysis using FACTS devices with DSP Controller
			Kesavan D	16.06.2015	Optimization of Power Flow in Deregulated Power Systems
			Muthamil Arasi R	30.12.2014	Optimization and Management of Electrical Energy Utilisation in AC Drivers
			Gokul Raj A	xx.01.2018	Optimization of Solar Thermal Energy Based Food Processing Unit with Combined
			Deepa K R	19.01.2021	Real-time Task Division in Processor based Embedded System using Sensor and Machine Learning
			Mahalakshmi M	01.07.2021	Energy Management using IoT based Smart Meter
2.	Dr.S.Chandrasekar	704005	K.Madumathi	01.07.2015	Analysis of renewable energy integration and it's impact on electric grid
			R.M.Madhumathi	01.01.2021	Analysis on Dielectric Properties of Natural Ester Based Nano Fluids for Power Transformer Application
			M.B.Vaishali	01.01.2021	Design and Implementation of IOT for environmental monitoring using self powered sensors
3.	Dr. R. Shivakumar	2130220	V. M. Periyasamy	02.01.2014	Realization of BLDC motor drive for positioning application.
			P.Meenakshi Sundaram	02.06.2014	Voltage Stability Assessment in Multimachine Power System by Identification of Critical Components using SMART GRIDS
			P.GOPINATH	26.12.2014	Transform Based Finger Vein Human Identification
			M. Lavanya	23.6.2015	Power quality and stability analysis on microgrid applications
			J. Harirajkumar	18.6.2018	An efficient VLSI architecture for Digital Signal Processing application

			M.Vetriselvan	05.10.2021	Numerical investigation of efficient photonic device for integrated circuits using phase change material
			M.Sugumaran	19.01.2021	Design and Implementation of Nature controller design for Power system stability enhancement
			T.Ilakkia	28.9.2021	Power Quality analysis and improvement in Grid integrated RS system using AI Techniques
			D.P.Sangeetha	22.1.2021	Intelligent algorithm for using mobile phone as a hub for emergency condition
4.	Dr.M.Senthil Kumar	2830044	A.Sakthidasan	23.12.2016	Optimal Placement of FACTS Devices for Enhancement of Voltage Profile using Nature Inspired Algorithms
			N.Sasikumar	23.12.2016	Light-Weght Dta preprocessing and Integrative Scheduling
			L.Nagarajan	24.12.2016	Power Quality Improvement in Utilizer side by Mitigation of Voltage Flicker using FACTS Devices
			P.Sabarish	19.12.2017	An Improved Maximum Power Point Tracking for Grid Connected Photovoltaic System with rapid and optimum shifting of Maximum Power Point
			R.Sundar	19.12.2017	Voltage Regulation in Hybrid Renewable System using FACTS Controllers
			A.T.Sankara Subramanian	19.12.2017	Analysis of Grid Connected Photovoltaic system under rapid partial and complete shading conditions with different Maximum Power Point Tracking algorithms
			C.Kalavalli	12.12.2017	Modelling and Analysis of Bidirectional Pulse Width Modulated Converter for Microgrid Application
			S.Silambarasi	24.12.2018	Security constrained Optimal Power Flow for Hybrid Systems using Artificial Intelligent Technique
			M. Priyanka Gandhi	01.07.2021	Advanced Control Method for Modified Switched Capacitor(MSC) Converter for Automotive LED Driver
			D. Geetha	09.03.2022	Power Quality optimization using cascaded power converters for stand alone PV systems with new selective harmonic elimination

					control
5.	Dr.R. Arulmozhiyal	2330009	R.Srinivasan	29.12.2012	Power quality improvement in distributed level inter connection of renewable resources by DSP and ultra-capacitor link.
			Saravanakumar.S	13.02.2016	High accuracy Knee voltage detection for primary side control in Fly back converter.
			G.Purushothaman	02.07.2016	Control system based on wireless sensor networks and power line communication.
			A. Preethi	01.07.2021	Design and development of energy management strategy for fuel cell hybrid electric vehicle using AI techniques.
6.	Dr.A. Jagadeeshwaran	2830038	Shree Kumar H	13.03.2017	Investigation on the Performance of Inverter for DC and AC Load Applications
			Dineshkumar S	13.02.2016	T source inverter based sensorless speed control for PMSM
			Vetrivel M	13.12.2017	Improvement of Power Quality Using DVR in Distribution Systems
			Karthikeyan K	19.12.2017	A Study on Performance Evaluation of Statcom Connected to Renewable Energy Source
			Karthikeyan G	27.12.2018	Improved finite control set model based direct power control of BLDC motor
			Aruljothi Kuppannan	27.01.2021	Investigation and Selection of Optimum MPPT Algorithm for Grid Integrated PV System
7.	K.Krishnamoorthi	2330098	Jeyanthi S	00.07.2014	Improved Performance Of Load Frequency Control In Multi - Area Interconnected Power Systems With Evolutionary Computational Techniques
			Sarala S	01.07.2014	The Quality Of Service Improvement In Optical Burst Switched Networks
			Sivakumar R	05.01.2015	Investigation Of High Step-Down Transformerless Single-Stage Single-Switch Ac/Dc Converter Using Pid Controller
			Vidhya K	00.07.2015	Designing Of Four Leg Inverter To Facilitate Interconnection Of Renewable Energy Sources With Power Quality Enhancement
			Vijayal V	00.01.2015	Harmonic Reduction In Hvdc Transmission Line Using Vector Control

			Rajesh Kanna M	00.01.2016	Stability And Accuracy Of Power Hardware In The Loop Simulation Of Matrix Converter
			Sabarinathan S	00.01.2016	Optogenetic Brian Interfaces Using Neurostimulation
			Monishapreethi G	10.01.2016	Fault Tolerant Voltage Source Inverter For Induction Motors
8.	Dr. G. Karthikeyan	2830023	Ramkumar K	10.01.2017	Design and implementation of buck – boost converter with high frequency resonant
			Praveen Kumar R	29.06.2017	Power Quality enhancement at micro grid system interconnected with distributed generators.
			Navaladiraja N	21.12.2016	Digital Logic Switching scheme for flying capacitor multi-level inverter
			Madhusudan S	06.07.2018	Enhanced priority list unit commitment methodology
			Prasanth B	23.12.2019	Speed and current control of PMSM based on an optimized resilient backpropagation neural network algorithm
			Mariyammal A	03.03.2021	An Area Minimization with the Integration Of NOC Architecture and Bus Based System
9.	Dr.B.Karthik	2430088	A.Aravind	30.06.2016	Comparitive Analysis on the fault diagnostic techniques of an IGBT based multilevel inverter by DWT and FFT based signal processing.
			P.Ramya	24.06.2015	Optimized WSD Based Text Document Classification using Linear Kernel Support Vector Machine Learning Algorithm
			N.Jayanthi	23.06.2015	Modelling of Lossless and Contactless Power Transformer using improved particle swarm optimization algorithm.
			S.Suresh	22.01.2016	Discrete Switching Strategy for Direct Torque Control of Induction Motor using Adaptive Pulse Width Modulator
			S.Pradeep	19.01.2021	Energy Management for ON Grid and OFF Grid systems using hybrid energy sources
			A.Alaudeen	19.01.2021	Design of three winding coupled inductor and switched capacitor based DC-DC converter FED P-V Transformerless DVR
			K.M.Karthika	19.01.2021	Enhancement of Digital Substation at innovation scheme for smart grid using PMU
			S Boopathy	xx.01.2022	The Hybrid Classification Scheme for Plant Disease Detection with

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					the Support of Machine Learning Approach
10.	Dr.C.BVenkatramanan	2830045	Venkatesan K	XX.07.2017	Multi Level T type NPC Based Transformer Less SIC MOSFET PV inverter
			Ashokkumar V	XX.07.2017	Grid connected photo voltaic multi level inverter with high performance tracking
			Mahendran S	xx.1.2017	Bidirectional DC to DC converter based Split management System using low power controller
			Gokulraj K	XX.07.2017	Design and Analysis of bridgeless interleaved SEPIC converter with low conduction and Switching losses
			Srinivas Rao M	XX.07.2017	DC/DC Buck power converter as a smooth starter for a Dc motor based on a hierarchical control.
			Maheswari Ps	XX.07.2017	Analysis and Design of power converters
11.	Dr. S. Vijay Shankar	2830034	Suriya N	28.09.2018	An Investigation on Crypto Techniques against Vulnerabilities in Electric vehicle charging Infrastructure for Strengthening the Security System
			Sathyaseelan B	16.09.2019	Design and implementation of main Controller based Hybrid Energy Storage System from Wind, Solar and Grid Sources for Agriculture Application
			Saravanan R	30.09.2019	A Hybrid Electric Power Generation using Single stage dual leg DC/AC converter