



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service: SNR Sons Charitable Trust]
[Autonomous Institution, Accredited by NAAC with 'A' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022



Department: Electrical and Electronics Engineering

Date: 07.08.2021

FULL TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Year of Enrolment	Title of the Research
1.	Dr. C.S.Ravichandran, Prof/EEE	Mr.Sachin Gee Paul	17153697266	July 2017	Certain investigation on power electronic transformer based power converter for traction application
2.		Mrs.S.Mumtaj	1528369145	Jan 2015	Performance Improvement of BLDC motor
3.	Dr.C.Kathirvel, AsP/EEE	Mr.S K Janarthanan	17143697301	July 2017	Certain investigation on soft computing techniques applicable for renewable energy systems

INTERNAL PART TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Year of Enrolment	Title of the Research
1	Dr. C.S.Ravichandran, Prof/EEE	Mrs.M.Chindamani	1525369156	Jan 2015	Performance analysis of converter for distributed generation system
2		Mr.R.Krishnakumar	1514269150	Jan 2015	Analysis and improvement of system reliability
3	Dr.S.Allirani, AsP/EEE	Mrs.H.Vidhya	18243691143	Jan 2018	Design and Development of High Performance Drive for Electric Vehicle Applications
4.	Dr.C.Kathirvel, AsP/EEE	Mrs.R R Rubia Gandhi	17243691128	Jan 2017	Performance Enhancement using Intelligent Controllers for Hybrid Energy Systems
5.		Mr.R.Mohankumar	17144691219	Jan 2017	Design and Implementation of Intelligent Controllers for Renewable Energy Systems
6.		Mr.Venkateshkumar	21144691514	July 2020	A new scheme for design and development of standalone hybrid energy system for rural electrification in India

EXTERNAL PART TIME RESEARCH SCHOLARS

S.No	Name of the Supervisor with designation	Name of the PhD scholar	Unique ID	Year of Enrolment	Title of the Research
1.	Dr. C.S.Ravichandran, Prof/EEE	Mr.C.InfantVinoth	16143697169	July 2016	IoT based fault monitoring and health diagnosis of an electrical machine
2.		Mr.U.Arun Kumar	17143697101	July 2017	Certain investigation on power factor correction converter fed SBLDC Motor drive
3.	Dr.R.Shanmugasundaram, Prof/EEE	Mr.Premkumar R	17123697120	July 2017	Modelling and optimization of integrated renewable energy systems
4.		Mr. Harikrishnan	1714369715	Jul 2017	Certain Investigations on energy optimization for real time multicore embedded systems
5.	Dr.S.Allirani, AsP/EEE	Mrs.N. Subha Lakshmi	18243691138	Jan 2018	Performance enhancement of permanent magnet synchronous motor using soft computing techniques
6.	Dr.C.Kathirvel, AsP/EEE	Mr.C.Karthick	17144697257	July 2017	Certain investigation on security authentication scheme for android application
7.		Mr.Alaguraj R	17134691367	Jan 2017	Implementation of Embedded System based controllers for renewable energy systems
8.	Dr.K.Sebasthirani, AsP/EEE	Mr.S. Dhamodharan	1513369732	July 2015	Implementation of Power factor corrected converter fed BLDC motor drive for low power applications
9.		Mr.G. Rajesh	16193697105	July 2016	Solar Thermal Photo Voltaic (STPV) technique to improve the efficiency of solar energy system.
10.		Mr.R Daniel Raj	17144697180	July 2017	Certain investigation on performance enhancement of brushless DC motor using digital PWM control strategy and soft computing techniques
11.		Mr.A K Kiranprasad	18193691174	Jan 2018	Design and implementation of modified multilevel based shunt active power filter with renewable energy sources for power quality enhancement

12.		Mrs.MManimegalai	18244691193	Jan 2018	Power quality improvement techniques in smart grid
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