

**Day 2 : 17-03-2017****Session 17A : POWER SYSTEMS AND DRIVES (11 am to 1 pm)**

<b>Session Chairs</b>	<b>Dr. Chenthamarai selvam</b>	<b>Venue</b>	<b>Microprocessor lab</b>
	<b>Dr.R. Deepalaxmi</b>		
<b>Session Incharge</b>		<b>Ms. S. Krishnaveni</b>	
<b>Student Incharge</b>		<b>Joselin Jebamalar S &amp; Swathi V</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Presenting Author</b>	<b>Registered Authors</b>
<b>79</b>	Remaining life estimation of a overhead composite insulator using Particle Swarm Optimization technique	Ashitha P N	Ashitha P N
<b>119</b>	Design of Ground-mat for 11kV Sub-station using Auto Grid Pro	S.Alagammal	S.Alagammal
<b>159</b>	Improving Power Quality Service For Renewable Energy Using Grid-Connected Inverter	R.Nivedhini	R. Nivedhini
<b>170</b>	Harmonic load flow analysis of radial distribution system in presence of distributed generation	Ashutosh kumar Tagore	Ashutosh kumar Tagore
<b>208</b>	Controller Design for Magnetic Levitation System using Swarm Intelligence Technique	Sirsendu Sekhar Mishra	Sirsendu Sekhar Mishra
<b>218</b>	Comparative Analysis of Single Phase Grid tied Transformerless PV Inverters	P. Gayathri	P. Gayathri
<b>224</b>	Available transfer capability calculation considering outages	Sourav Deka	Sourav Deka
<b>311</b>	Determination of ATC considering probabilistic nature of solar radiation	Arpit Kumar	Arpit Kumar
<b>314</b>	Artificial neural network predictor for Induced Draft fan power consumption in Thermal Power Plants	A.Sriram	A.Sriram
<b>315</b>	Investigation of mathematical modelling of BLDC drives using Matlab/Simulink	Poovizhi M ,Ragul P, Irene Priyadarshini L, Logambal R	Poovizhi M ,Ragul P, Irene Priyadarshini L, Logambal

**Day 2 : 17-03-2017****Session 17B: POWER ELECTRONICS (11 am to 1 pm)**

<b>Session Chairs</b>	<b>Dr Nitin Gupta</b>	<b>Venue</b>	<b>EEE Seminar Hall</b>
	<b>Dr A. N. Aravindan</b>		
<b>Session Incharge</b>		<b>Mr.V.Thiyagarajan</b>	
<b>Student Incharge</b>		<b>Edwin Jose G &amp; Ezhil Venthan K</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Presenting Author</b>	<b>Registered Authors</b>
<b>18</b>	Current Limit Determination of Brushless DC Motors for Binary Speed Control of Known Load Torque Speed Characteristics	Krishan Kumar Sharma	Krishan Kumar Sharma
<b>43</b>	A Simple and Efficient Control of Single Phase Solar Inverter	Dr Ahteshamul Haque	Dr Ahteshamul Haque
<b>50</b>	Design of State-PID Feedback Controller For Magnetically Suspended Balance Beam System	D. Manikanta Swamy	D. Manikanta Swamy
<b>137</b>	Model Predictive Direct Torque Control of Neutral Point Clamped Induction drive	Nishant Kashyap	Shivani Patidar
<b>163</b>	Energy Monitoring and Management using Internet of Things	S.Balamurugan D.Saravanakamalam	S.Balamurugan D.Saravanakamalam
<b>166</b>	Active Power Control Method for Wind Diesel System Based on Energy Storage	Mitesh Kumar	Mitesh Kumar
<b>188</b>	New Single Phase Asymmetric Multilevel Inverter with Reduced Number of Power Switches	Thiyagarajan V	Thiyagarajan V
<b>211</b>	A Dual output converter with a PFC bridge-less buck front-end	Suganthi K	Suganthi K
<b>248</b>	Multi-input High Step-up converter using Switched-diode- capacitor	Jananie C	Jananie C
<b>255</b>	Dynamic Fault Diagnosis Framework for Virtual Machine Rolling Upgrade Operation in Google Cloud Platform	Cauveri.A	Cauveri.A

**Day 2 : 17-03-2017****Session 17C: POWER ELECTRONICS (2 pm to 4 pm)**

<b>Session Chairs</b>	<b>Dr. R. Jayashri</b>	<b>Venue</b>	<b>EEE Seminar Hall</b>
	<b>Dr.U.Shajith Ali</b>		
<b>Session Incharge</b>		<b>Mrs. S.Malathy</b>	
<b>Student Incharge</b>		<b>Namitha Shamili SJ &amp; Kripalakshmi T</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Presenting Author</b>	<b>Registered Authors</b>
12	Current Trends Power Electronics for Wind and Solar Energy Conversion System	Swetapadma Panigrahi	Swetapadma Panigrahi
25	An Overall Optimization Study of FPGA Controlled High Frequency Electronic Power Conditioner for High Power Space Applications	Peter. K. Joseph	Peter. K. Joseph
123	Traveling-Wave Distance protection using Principal Component Analysis for a doubly fed system with Synchronized Measurements	Kandru Divyasri	Kandru Divyasri
131	Shunt Active Filter for Harmonic and Reactive Power Compensation Using p-q Theory	Shreya. R. Parmar	Shreya. R. Parmar
136	Fault Tolerant Peak Current Mode Controlled Flyback Converter for Solar PV Modules	Nishant Kashyap	Nishant Kashyap
143	Perforance Analysis of Solar Photovoltaic fed Z-Source Inverter based Series Connected Custom Power Device	Miska Prasad	Miska Prasad
162	Increasing High Voltage Conversion Ratio of Z Source Inverter for PMSM	Sushma Devi N G.Jayalaxmi	Sushma Devi N G.Jayalaxmi
168	Simulation and study of three phase voltage source multilevel inverter with reduced switch count	Himanshu Pillewan	Himanshu Pillewan
199	Raspberry Pi: Data Logging IOT device	Tanaya Tavade	Tanaya Tavade
236	Shunt Active Filtering with NARX Feedback Neural Networks Based Reference Current Generation	Karan Chandrakantbhai Patel	Karan Chandrakantbhai Patel

**Day 2 : 17-03-2017****Session 17D: RENEWABLE ENERGY (2 pm to 4 pm)**

<b>Session Chairs</b>	<b>Dr. N. Pandiarajan</b>	<b>Venue</b>	<b>Microprocessor Lab</b>
	<b>Dr. R. Ramaprabha</b>		
<b>Session Incharge</b>		<b>Ms. D.Umarani</b>	
<b>Student Incharge</b>		<b>Kanimozhi M &amp; Suvedha M</b>	
<b>Paper ID</b>	<b>Paper Title</b>	<b>Presenting Author</b>	<b>Registered Authors</b>
<b>83</b>	Analysis of slope Assisted Maximum Power Point Tracking (SA-MPPT)for Standalone Wind Energy System	Shweta Ghadyalji	Shweta Ghadyalji
<b>185</b>	Application of Shunt Active Power Filters in Medical Diagnosis and Critical Lab Equipment	Dr Nitin Gupta	Dr Nitin Gupta
<b>190</b>	Comparative Analysis of Economic Load Dispatch Using Evolutionary and Nature based Algorithms	Apratim Sharma	Apratim Sharma
<b>206</b>	Field Simulation of Linear Induction Machines illustrating the Peak-to-Peak Ripple in Propulsive Force and its Dependence on the Length of the Primary	Angshudeep Majumdar	Angshudeep Majumdar
<b>221</b>	Energy analysis of Building Integrated Photovoltaic Modules	D. Suse Raja Prabhakaran	D. Suse Raja Prabhakaran
<b>230</b>	A Comparative Analysis between Three Stage and Two Stage Bidirectional DC-DC Converter in Battery Storage Application	Dr Nitin Gupta	Dr Nitin Gupta
<b>231</b>	Hybrid fuzzy logic controller for improving voltage stability of grid connected SCIG wind turbine	Pankaj Bhakre	Pankaj Bhakre
<b>261</b>	Efficacy of Hysteresis Current Control in the Single-Phase Vienna Rectifier Topologies for Improved Power Quality	Akshay D K, Keerthana K M	Akshay D K, Keerthana K M
<b>305</b>	High Voltage Gain Soft Switching Converter for Solar Energy AC and DC applications	V.Saranya	V.Saranya
<b>307</b>	Quasi-ZSI Topology for Renewable Energy System: A Review	Y.Rekha	Y.Rekha