



## VIDYAVARDHAKA COLLEGE OF ENGINEERING

P.B.No.206, Gokulam III Stage, Mysuru – 570 002, Karnataka, INDIA

### *IEEE International Conference on Current Trends in Computer, Electrical, Electronics & Communication 8<sup>th</sup> & 9<sup>th</sup> September 2017*



#### IEEE CONFERENCE SCHEDULE

| DAY-1[08-09-2017]   |  |   |
|---|--|---|
| Session I : 12.30 PM – 1.45 PM<br>Session Chair: Dr. P S Puttaswamy |  | Venue:C-BLOCK-C-103<br>Session Incharge: Mohammed Jalaluddin      |
| Track 1: POWER ELECTRONICS AND CONTROL SYSTEMS                      |  |   |
| Paper ID  | Paper Title  | Author  |
| CTCEEC-001  | Simulation Modelling Of DC-DC Converter For Grid Side Connected Inverter   | Ranju Yadav, Ankit Singhal and Ashish Thombre                     |
| CTCEEC-044  | Optimisation of Power Electronic Switches in Cascaded H-Bridge Multilevel Inverter by using Bidirectional Switches | Bhushan Kadam, J. A Khobragade and Amol Kalage                    |
| CTCEEC-234  | Optimal Control Identification of IMC and PID Controllers for Insulin Infusion                                     | A AlavudeenBasha and Dr.SVivekanandan[ONLINE][12.55PM-IST]        |
| CTCEEC-203  | Design and Development of Control System and Health Monitoring System (HMS) for Human Robot Interaction            | Nishesh Yadav, Udit Dev and Min Raj Nepali [ONLINE][1.10PM-IST]   |
| CTCEEC-235  | Comparative Study of Two Control Technique for Shunt Active Power Filter Using PID Controller                      | Ravindra Kumar Chhandak, Seema Agrawal and Dheeraj Kumar Palwalia |
| CTCEEC-257  | Design and Simulation of Advanced GaN Based LLC Resonant Converter for Space Applications                          | SaunakBhalsod, BijeevNv and Vasant Jani                           |



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| <b>Session II : 2.30 PM – 4.00 PM</b>                              |   |  |
|--|---|--|
| <b>Track 2: Power Systems<br/>Session Chair: Dr. Usha Surendra</b> |   | <b>Venue: C-BLOCK- C-103<br/>Session Coordinator: Gowtham N</b>          |
| <b>Paper ID</b>  | <b>Paper Title</b>  | <b>Author</b>  |
| CTCEEC-062   | Symmetrical & Asymmetrical Fault Analysis of Transmission Line with Circuit Breaker Operation   | SoubhikBagchi,<br>SubhadipGoswami,<br>Balaram Ghosh and<br>Mousumi Dutta |
| CTCEEC-072   | Distributed Electrical Generation by Industrial Waste Plastics and Mucipal Waste using Pyrolysis Process                                  | D.BabuRajendra<br>Prasad and<br>Shivaranjini. R                          |
| CTCEEC-123   | A Transformerless single phase shunt active hybrid power filter for power quality improvement for electrified transportations             | MrAvinash Mishra<br><b>[ONLINE][2.55PM-IST]</b>                          |
| CTCEEC-134   | Optimal Dynamic Scheduling with Overall Constraints for Large Scale Power Systems   | HermagasantosZein,<br>JangkungRaharjo and<br>Erwin Yusuf                 |
| CTCEEC-155   | Enhanced Performance of Integrated Power System Stabilizer- Effect of Operating Conditions  | SoubhagyaAradyamat<br>h, Kumar K and<br>Srinivasan A.D                   |
| CTCEEC-181   | Multiple Distributed Generator and Capacitor Placement in Distribution Network for Voltage Profile Improvement and Network Loss Reduction | Lakith G   |
| CTCEEC-199   | Power Quality Improvement Using Shunt Active Filter   | Sumukha,<br>Md.Thousif, Archana<br>K                                     |



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| Session III : 4.15 PM – 5.45 PM                        |   |  |
|--|---|--|
| Track 2: Power Systems<br>Session Chair: Dr.Shashikala |   | Venue: C-BLOCK- C-103<br>Session Coordinator: Reshma V P                           |
| Paper ID   | Paper Title   | Author   |
| CTCEEC-230   | Design and Implementation of TCSC for Power Flow Enhancement  | Pravin Dhawale, Sandip Godhade and Devendra Gowda                                  |
| CTCEEC-225   | Study of Power Quality Issues in Wind Distributed Generation System   | Sheila H and DrShobha Shankar Shankar  |
| CTCEEC-227   | Review paper on Torque Ripple Mitigation Techniques for PMSM Motor  | Hetal Patel and Dr. Hina Chandwani [ONLINE] [4.40PM-IST]                           |
| CTCEEC-263   | Intelligent Based Distributed Generation Management for Radial Test System  | Kaveri K B and DrShobha Shankar  |
| CTCEEC-125   | Design and Implementation of Isolated multi-output DC-DC Power Supply with Fixed and Programmable Voltage Levels          | Nikhil Kasar, Vaibhav Sansare and Asha Gaikwad                                     |
| CTCEEC-310   | Enhancement of voltage quality in power system through series compensation  | Sarang Bhonde and Ravindra Pote  |
| CTCEEC-115   | An Effective Simulation Model for Performance Prediction of SPV Powered DC Irrigation Systems-A Case Study for Validation | Vidyashree Hulyal, Basanagouda Ronad and Suresh Jangamshetti [ONLINE] [5.30PM-IST] |
| CTCEEC-117   | Novel Control Algorithm of Storage System for Small Wind Turbine Generator  | Varsha Atur, Sangamesh Goudappanavar and Suresh Jangamshetti [ONLINE] [5.42PM]     |



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| <b>DAY-2[09-09-2017]</b>  |  |   |
|---|--|---|
| <b>PLANARY SESSION BY Dr. C V BHENDE: 10.30AM TO 11.30AM<br/>VENUE: B BLOCK- CIVIL SEMINAR HALL</b> |  |   |
| <b>Session I A : 12.00 PM-1.30PM</b>  |  |   |
| <b>Track 3: RENEWABLE ENERGY<br/>SOURCES</b>  |  |   |
| <b>Session Chair: Dr.Srikanthan<br/>Dr. SurekhaManoj</b>  |  | <b>Venue: C-BLOCK- C103<br/>Session Coordinator: Archana K</b>                            |
| <b>Paper ID</b>   | <b>Paper Title</b>   | <b>Author</b>   |
| CTCEEC-012  | Output Maximization by Modeling and Simulation of Hybrid Wind/Photovoltaic Standalone Generation           | Rakshith P, Jahnavi R Bhat, Ashwini M, Rakshitha C R and Vinaykumar Sharma                |
| CTCEEC-025  | Effect of Temperature on Performance of Solar Panels- Analysis   | Mohmed Sufiyan Khan and VasudhaHegde  |
| CTCEEC-059  | Mitigation of Lower Order Harmonics in a Grid-Connected Single-Phase PV Inverter Using Shunt Active Filter | MandarDongare and Manohar Kalgunde  |
| CTCEEC-182  | Design of Standalone PV charging system for Lead Acid Battery using Controlled Boost Converter             | VaibhavSansare, Nikhil Kasar and Asha Gaikwad   |
| CTCEEC-224  | Simulation of Modified Rectifier System for Variable Speed High Power PMSG Wind Turbine by using Filter    | Pooja Chimurkar and PranjaliKothavade   |
| CTCEEC-254  | DC-DC Converter Integrated with Asymmetrical Multi-Level Inverter for Solar PV Application                 | G K Apoorva, G K Savyasachi and Dr. M S Shashikala  |
| CTCEEC-110  | Development, Testing and Performance Analysis of SPV Powered 0.5HP AC Water Pumping System                 | VaishaliBiradar, Basa nagoudaRonad and Suresh Jangamshetti<br><b>[ONLINE][1.20PM-IST]</b> |



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| <b>Session I B : 12.00 PM-1.30 PM</b>   |  |   |
|---|--|---|
| <b>Track 4: COMPUTING ALGORITHMS</b><br><b>Session Chair: Dr. Parthasarathy L</b> |  | <b>Venue: C-BLOCK- MTL C LAB</b><br><b>Session Coordinator: Mohammed Jalalludin</b> |
| <b>Paper ID</b>   | <b>Paper Title</b>   | <b>Author</b>   |
| CTCEEC<br>-079  | Optimum Coordination of Directional Overcurrent Relay using Genetic Algorithm                                | SumitPathade and Amol Kalage  |
| CTCEEC<br>-104  | Machine Learning Techniques for Indian Sign Language Recognition   | KusumikaKrori Dutta and Sunny ArokiaSwamy[ <b>ONLINE</b> ][12.15PM-IST]             |
| CTCEEC<br>-076  | Optimum unit commitment Using Teaching Learning Based Optimisation Algorithm                                 | MayuriManikshetti and Amol Kalage   |
| CTCEEC<br>-133  | Optimal Power Flow using Multi Dimension of Coarse to Fine Search Method                                     | JangkungRaharjo, AdiSoeprijanto and HermagasantosZein                               |
| CTCEEC<br>-256  | Recognition of Arabic Characters Using Spiking Neural Networks   | ThaerKadhim and AmjadHumaidi  |
| CTCEEC<br>-329  | Economic Operation of Pumped Hydro Storage Plant using Teaching Learning Based Optimization (TLBO) Algorithm | SarikaTade, Vilas Ghate and Amol Kalage   |