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111	Author(s): Pradyumna Kumar Behera (NIT Rourkela); Anurag Satpathy (NIT Rourkela); Monalisa	12-10	509
	Pattnaik (NIT Rourkela);		
137	Power quality improvement in isolated microgrid using interleaved soft-switching boost	TS-16	595
107	converter with modulated three phase voltage source inverter	10 10	575
	Author(s): Sarthak Swaroop Dash (CET Bhubaneswar); Tanisha Pradhan (CET Bhubaneswar); Satabdi		
	Bastia (CET Bhubaneswar); Gayadhar panda (NIT Meghalaya); Asit Mohanty (CET Bhubaneswar);		
	Prakash K Ray (CET Bhubaneswar)		
167	A Novel Phase Locked Loop based Control Strategy for a Three-phase Grid-tied Solar PV System	TS-16	600
	Author(s): Subham Kumar Jalan (Indian IIITDM Kancheepuram); Chitti Babu B (IIITDM		
	Kancheepuram); Sridharan K (IIITDM Kancheepuram); Gayadhar Panda (NIT Meghalaya)		

178	Design and FPGA Implementation of a Deloading Control Technique for DC link voltage regulation of a PV System	TS-16	606
	Author(s): Soumya Samanta (Assam Engineering College); Subir Datta (Mizoram University); Satyajit Das (VIT Vellore); Binoy Krishna Roy (NIT Silchar); Amrita Ganguly (Assam Engineering College)		
230	Intermixed Generalized Integrator based Grid-Friendly Inverter Control for Power Quality Enrichment in Microgrid System Applications Author(s): Narendra Babu P (NIT Meghalaya); Ritula Thakur (NITTTR); Sanjiba Kumar Bisoyi (JSSATE Noida); Rangababu Peesapati (NIT Meghalaya); Gayadhar Panda (NIT Meghalaya)	TS-16	612
15	<b>Data Augmentation Enhanced Speaker Enrollment for Text-Dependent Speaker Verification</b> Author(s): Achintya Kumar Sarkar (IIIT SriCity, Chittor); Himansgshu Sarma (IIIT Sricity, Chittoor); Priyanka Dwivedi (IIIT Sri City); Zheng-Hua Tan (Aalborg University)	TS-17	618
39	An Accelerated Approach to Parallel Ensemble Techniques Targeting Healthcare and Environmental Applications Author(s): Tejasri Kari (BMSITM); Leelavani N (BMSITM); Sayeera Banu A (BMSITM); DhanuShree R (BMSITM); Jagannatha K.B (BMSITM); Santhi Natarajan (BMSITM)	TS-17	624
43	Analysis and Performance of Machine Learning Algorithms on Disease Diagnosis Author(s): Sumathi M S (BMSIT&M); C Soujanya Joshi (BMSITM); Rithika Rose Thomas (BMSITM); Reethu G (BMSITM)	TS-17	630
80	<b>Blockchain Based Smart Healthcare System for Chronic –Illness Patient Monitoring</b> Author(s): Nihar Ranjan Pradhan (NIT Meghalaya); Siddhartha Suman Rout (Manav Rachna International Institute of Research and Studies); Akhilendra Pratap Singh (NIT Meghalaya)	TS-17	636
140	Investigation of Uniform and Non-Uniform Water Droplets on Different Configurations of Silicon Rubber Composite Insulators Subjected to AC Electric Field Stress Author(s): H. P. Shrimathi (BITS Hyderabad), Mithun Mondal (BITS Hyderabad)	TS-17	642
284	Modeling of Predictable Variations in Multi-Time Instant Ambient Temperature Time Series Author(s): Udith Shyamsukha (VIT Vellore); Nimish Jain (VIT Vellore); Tirthankar Chakraborty (VIT Vellore); B Rajanarayan Prusty (VIT Vellore); Kishore Bingi (VIT Vellore)	TS-17	648
67	Sustainable building design based on glazing and location: A statistical modeling approach Author(s): Veena Mathew (M.I.T Manipal); Ciji Pearl Kurian (M.I.T Manipal); Aravind Babu (M.I.T Manipal)	TS-18	654
114	<b>Power Swing and Fault Detection of Transmission Lines By Implementing Different Wavelets</b> Author(s): Sonali M Akolkar (SVNIT), H. R. Jariwala (SVNIT)	TS-18	660
125	Path Planning of Mobile Robots Using Enhanced Particle Swarm Optimization Author(s): Bunil K Balabantaray (NIT Meghalaya); Kousik Sarkar (NIT Meghalaya); Alok Chakrabarty (NIT Meghalaya); Bibhuti Bhusan Biswal (NIT Meghalaya); Biswajit Mohanty (NIT Meghalaya)	TS-18	666
131	<b>Copy-Move Image Forgery detection via Combined Pseudo-Zernike Moment Invariant</b> Author(s): Raimoni Hansda (NIT Meghalaya); Rajashree Nayak (NIT Meghalaya); Bunil K Balabantaray (NIT Meghalaya)	TS-18	672
241	A Chaotic System with Large Lyapunov Exponent: Nonlinear Observer Design and Circuit Implementation Author(s): Piyush Pratap Singh (NIT Meghalaya)	TS-18	678
286	Gradient based Optimal State Feedback control design for Feedback linearizable Nonlinear Nonaffine system Author(s): Kavyasree Raj S (NIT Calicut); Shihabudheen K V (NIT Calicut)	TS-18	684
287	<b>Review of Factors Affecting Current Sharing and Techniques for Current Balancing in Paralleled</b> <b>Wide Bandgap Devices</b> Author(s): Gaurav Yadav (IIT Delhi); Soumya Shubhra Nag (IIT Delhi)	TS-18	690
28	Impedance Source Inverter Wind Turbine and DC Collection System: Fault Ride-Through Analysis Author(s): Muhammad Ramadan B. M. S. (Illinois at Singapore Pte. Ltd); R. T. Naayagi (Newcastle University)	TS-19	696
30	Development and Implementation of an Adaptive Overcurrent Protection Algorithm for a Modern Power Distribution Network Author(s): Chathurika S.K. Chandraratne (Newcastle University in Singapore); R. T. Naayagi (Newcastle University); Gayadhar Panda (NIT Meghalaya)	TS-19	702

31	Design of EMI Filter for Switched Mode Power supply	TS-19	708
	Author(s): Hirzi Darajit (Newcastle University); Shuyu Cao (Singapore Institute of Technology); R. T. Naayagi (Newcastle University)		
93	<b>Wireless Charging Resonant Converter Topology Study Based On Analytical Design Computation</b> Author(s): Shuyu Cao (Singapore Institute of Technological); Htet Ye Yint Naing (Singapore Institute of Technology); R. T. Naayagi (Newcastle University); Sze Sing Lee (Newcastle University); Feng Wei (Singapore Polytechnic); King Jet Tseng (Singapore Institute of Technology)	TS-19	713
117	Sensorless BLDCM Ceiling Fan using a Single Switch and Single Stage PFC Converter Author(s): Amit Kumar (IIT Delhi); Bhim Singh (IIT Delhi)	TS-19	719
141	<b>Frequency Stability Enhancement of Thermal Power Plant-Integrated Microgrid with Virtual</b> <b>Inertia Emulation</b> Author(s): Bharath Maddila (NIT Meghalaya); Narendra Babu P (NIT Meghalaya); Gayadhar Panda (NIT Meghalaya)	TS-19	725
213	Power Quality Enhancement in PV and Battery Storage Based Microgrid Using Hybrid Active Filter Author(s): Soumya Das (IIIT Bhubaneswar); Prakash K. Ray (CET Bhubaneswar); Asit Mohanty (CET Bhubaneswar); Gayadhar Panda (NIT Meghalaya)	TS-19	731
47	<b>Design and Development of Valveless Pulsejet Engine</b> Author(s): Shivang Umeshbhai Modi (Silver Oak CET); Sahil Khinchi (Silver Oak CET); Nirmit Rajpurohit (Silver Oak CET); Ankit Rami (Silver Oak CET); Sathish D (Silver Oak CET)	TS-20	736
63	<b>Design of High Performance HMRPD Network on Chip Interconnect for Neuromorphic</b> <b>Architectures</b> Author(s): Jayshree (NIT Nagaland); Gopalakrishnan Seetharaman (IIIT Tiruchirappalli); Debadatta Pati (NIT Nagaland)	TS-20	742
69	<b>Performance Assessment of SPV Powered DC Irrigation Pumps with Solar Tracking Mechanism</b> Author(s): Dr. Basanagouda F Ronad (BEC Bagalkot)	TS-20	746
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259	<b>Design and Analysis of Fractional Filters with Complex Orders</b> Author(s): Kishore Bingi (VIT Vellore); P. Arun Mozhi Devan (UTP); B Rajanarayan Prusty (VIT Vellore)	TS-20	767