## **IICPE2012**

## **List of Accepted Papers**

S.No	ID No.	Title	Track	Authors with affiliation and country	EDAS ID
1.		Modeling and Control of a Distributed Generation Based AC-DC-AC Converter	Renewable energy systems	Sridhar Reddy (JNTU HYDERABAD, India)	<u>1569572577</u>
2.	<u>3</u>	Design and implementation of Robust Multirate Output Feedback based Sliding Mode Controller for Induction Motors using FPGA	Power Electronics and Machine Control	Research Institute, India)	<u>1569586149</u>
3.	<u>15</u>	The Steady State Analysis of Z-Source Inverter based Solar Power Generation System	Renewable energy systems	Sweeka Meshram (Maulana Azad National Institute of Technology, India); Ganga Agnihotri (Maulana Azad Nationail Institute of Technology, Bhopal, India); Sushma Gupta (Maulana Azad National Institute of Technology, India)	<u>1569602305</u>
4.	<u>20</u>	Simplified Stability Analysis of a three- phase Induction Motor Drive System	Power Electronics and Machine Control	Technology, AMU, Aligarh, Algeria); Atif Iqbal	<u>1569605997</u>
5.	<u>21</u>	Battery operated closed loop speed control of dc separately excited motor by Boost-Buck converter		(Qatar University, Qatar) <u>Byamakesh Nayak</u> (Kiit University, India); <u>Saswati</u> <u>Dash</u> (YMCA University of Science and Technology, India) <u>Vidyarani K Rajashekaraiah</u> (Visvesvaraya	1569606309
6.	23	Implementation of Distance Relay using Advanced DSP Techniques	Application of Power Electronics in Power Systems	Technological University, India); Nagaraja R (Managing Director, India); Somnath Guba (Senior	<u>1569608181</u>

7.	25 Electromagnetic Compatibility Issues of Dual Active Bridge DC-DC Converter	Semi conductor Devices	<u>Thaiyal Naayagi Ramasamy</u> (S.A. Engineering College (Anna University), India) Bubathi Muruganatham (Indira Gandhi Centre for	1569609175
8.	27 Symbolic Dynamics Based Bearing Fault Detection	Power Electronics and Machine Control	Atomic Research India): Chandramohan Suiatha	1569609659
9.	Full Bridge Series Resonant Inverter For Induction Cooking Application	Industrial Applications	Vijaya Devara (National Institute of Technology, Warangal, India)	<u>1569609995</u>
10.	Use of Phasor Measurement Unit (PMU)  31 for Large Scale Power System State Estimation	Application of Power Electronics in Power Systems	<u>Jitender Kumar</u> (Delhi Technological University, India); <u>Jitender Rai</u> (Co-Author, India)	1569610019
11.	Online Identification and Adaptation of 42 Rotor Resistance in Feedforward Vector Controlled Induction Motor Drive	Power Electronics	Mouli Chandra (Jawaharlal Nehru Technological University, India); Tara Kalyani (Jawaharlal Nehru Technological University, India)	1569610811
12.	A Switched-Capacitors Based Multilevel Boost Inverter with Single Input Source	Industrial Applications	Krishna Kumar Gupta (M A N I T, India)	1569610987
13.	Novel Hybrid Modulation for High- 47 Frequency-Link Inverters for Renewable Energy	Renewable energy systems	<u>Sudip Mazumder</u> (University of Illinois, Chicago, USA)	<u>1569611017</u>
14.	Dependence of Hill Climbing MPPT  56 Algorithm on ADC and Digital Filter Parameters	Renewable energy systems	Rajneesh Kumar (BITS, Pilani, India)	<u>1569611495</u>
15.	Techno-Economic Feasibility of HVDS 64 Concept for Distribution Feeder Power Loss Minimisation	Application of Power Electronics in Power Systems	Md Sarwar (Jamia Millia Islamia, India); Zainul Jaffery (Jamia Milia Islamia, India); Anwar Shahzad Siddiqui (Jamia Millia Islamia, India); Imran Quadri (Jamia Millia Islamia, India)	<u>1569611779</u>
16.	Analyzing Optimum Power Capability of 65 Plant in Micro Grid during Transient Conditions using VF Controller	Renewable energy systems	Monika Jain (Maulana Azad National Institute of Technology Bhopal, India)	<u>1569611785</u>

17.	A Multiple Input DC-DC Converter for 66 Interfacing of Battery/Ultracapacitor in EVs/HEVs/FCVs	* *	Lalit Sahu (MANIT, BHOPAL, India)	<u>1569611795</u>
18.	An Enhanced Controller for Shunt  70 Active Filter Interfacing Renewable Energy Source and Grid	Renewable energy systems	Vishwa Vidyapeetham, India)	1569612025
19.	A Holistic System for Fair Value  73 Compensation in EV-Batteries based  Mobile Microgrid	Renewable energy systems	Raziq Yaqub (University of Tennessee Chattanooga, USA); Azaz Tariq (Edwardes College, Pakistan); Yu Cao (The University of Tennessee at Chattanooga, USA)	<u>1569613019</u>
20.	Power Quality Improvement of AC to 74DC Converter using Shunt Hybrid Power Filter	Application of Power Electronics in Power Systems	Mili Barai (NIT., Rourkela, Odisha, India); Kanungo Barada Mohanty (NIT Rourkela, India)	<u>1569613883</u>
21.	A Noble Hybrid Multilevel Inverter for 77 Photovoltaic Application Using Dual Referance Modulation Scheme	Renewable energy systems		1569615495
22.	80 Novel MPPT Technique for SPV Array under inhomogeneous insolation	Renewable energy systems	Venkata Sriram Pullela (Philips Electronics India Ltd, India); Swagnik Bhattacharya (Philips Electronics India Limited, India)	<u>1569617107</u>
23.	Average Current Control Of a 2.5 KW  85 Front-end Unity Power Factor Boost Rectifier With Asymmetric Bridge-less Topology		Shishir Suresh Kulkarni (Goa Engineering College, Goa University, India); Vinayak Shet (Goa College of Engineering, India)	<u>1569617667</u>
24.	HVDS approach for reducing the  87 Technical and Non-technical losses to enhance the Electrical Distribution System performance	Industrial Applications	Sushma Basani (CVR College of Engineering Hyderabad, India); Pallikonda Babu (CVR College of Engineering, JNTU, India)	<u>1569619255</u>
25.	Modeling of Neural Network Based 88 Rotor Flux MRAS Speed Observer for Induction Motor Drive	Power Electronics and Machine Control		<u>1569619681</u>
26.	91 Fuzzy Logic Based Control of STATCOM for Mitigation of SSR		ST. Nagarajan (Delhi Technological University, India); Narendra Kumar (Delhi Technological University, India)	<u>1569620561</u>

27.	Golden Section Search (GSS) Algorithm  92 for Maximum Power Point Tracking in Photovoltaic System	Renewable energy systems	<u>Jaya Agrawal</u> (Visvesvaraya National Institute of Technology, Nagpur, India); <u>Mohan Aware</u> (VNIT, India)	<u>1569620569</u>
28.	Comparative Study of Different	Application of Power Electronics in Power Systems	Karuna Nikum (AICTE, India)	<u>1569620929</u>
29.	Using Static Var Compensator and Static  Synchronous Compensator for Reactive  Power Control of Grid Connected  Asynchronous Generator	Power Electronics and Machine Control	Mehdi Mohammadzadeh Rostami (Science and Research Branch, Islamic Azad University, Tehran, Iran)	<u>1569621407</u>
30.	Implementation of response surface  100 methodology for on metal oxide based aqueous supercapacitor	Renewable energy systems	Parashuram Balwant Karandikar (Pune University, India); <a href="Dhananjay Talange">Dhananjay Talange</a> (Pune University, India); <a href="Askhay Kumar Dekate">Askhay Kumar Dekate</a> (Army Institute of Technology, India); <a href="Atul Singh">Atul Singh</a> (Army Institute of Technology, India)	<u>1569621511</u>
31.	Optimal Allocation of SPV based DG System for Loss reduction and Voltage Improvement in Radial Distribution Systems Using Approximate Reasoning	Renewable energy systems	Sheeraz Kirmani (TERI University, India)	<u>1569621727</u>
32.	Enhancement of Instantaneous Power Theory under Unbalanced Grid Voltages Condition Using Positive Sinusoidal Signal Regulator	Application of Power Electronics in Power Systems	Ebrahim Babaei (University of Tabriz, Iran); Majid Yavari (University of Tabriz, Iran)	<u>1569621823</u>
33.	Dynamic Modeling of UPFC based on Indirect Matrix Converter		Ebrahim Babaei (University of Tabriz, Iran); Farzad Mohammadzadeh Shahir (Islamic Azad University, Ahar Branch, Iran)	<u>1569621829</u>
34.	New Control Methods for Matrix  107 Converter based UPFC Under Unbalanced Load	Application of Power Electronics	Ebrahim Babaei (University of Tabriz, Iran); Farzad Mohammadzadeh Shahir (Islamic Azad University, Ahar Branch, Iran)	<u>1569621833</u>
35.	Hysteresis Control of a Three-Phase to Two-Phase Matrix Converter	Power Electronics and Machine Control	Mohammad Bagher Bannae Sharifian (University of Tabriz, Iran); Ebrahim Babaei (University of Tabriz, Iran); Maede Sadat Mirazimi (University of Tabriz, Iran)	.1569621835

Optimal DG Placement and Sizing in 36. 109 Distribution Systems Using Imperialistic Competition Algorithm	Renewable energy systems	<u>Arash Mahari</u> (University of Tabriz, Iran); <u>Ebrahim Babaei</u> (University of Tabriz, Iran)	1569621843
Analysis Of Interharmonics In  37. 111 Conventional And Matrix Converter Fed Adjustable Speed Drives	Power Electronics and Machine Control	(Pondicherry Engineering College, India); <u>K Babu</u> (Power Grid Corporation of India Limited, India)	<u>1569622291</u>
38. 112 A Control Technique for Bidirectional Dual Active Bridge DC-DC Converter	Power Electronics and Machine Control	<u>Thaiyal Naayagi Ramasamy</u> (S.A. Engineering College (Anna University), India); <u>R Shuttleworth</u> (School of Electrical and Electronic Engineering, United Kingdom); <u>Andrew Forsyth</u> (The University of Manchester, United Kingdom)	<u>1569622585</u>
Multifunctional Capabilities of 39. <u>113</u> Converter Interfaced Distributed Resource in Grid Connected Mode	Application of Power Electronics in Power Systems	Alka Singh (DTU, India); Bhim Singh (Indian Institute of Technology Delhi, India)	<u>1569622637</u>
Experimental Verification of Minority 40. <a href="https://docs.org/116">116</a> Charge Carrier Inspired Algorithm Applied To Voltage Source Inverter	Application of Power Electronics to transportation	Sreedhar Madichetty, Mr (Kiit University, India);  Dasgupta Abhijit (KIIT Uiversity, India)	1569622939
Application of Accelerated Particle 41. <a href="https://doi.org/10.1001/journal.org/">117</a> Swarm Optimization To Multi Level Diode Clamped Inverter	Industrial Applications	<u>Sreedhar Madichetty, Mr</u> (Kiit University, India); <u>Dasgupta Abhijit</u> (KIIT Uiversity, India)	1569622941
A Space-Vector modulation scheme for a 42. <a href="https://example.com/118">118</a> Four-level Dual Inverter fed Open-end Winding Induction Motor Drive	Andustrial Applications	Barry Venugopal Reddy (NIT, Warangal, India)	<u>1569622975</u>
A New Topology for Shunt Active Filter 43. 119 without DC-link Based on Direct AC/AC Converter	Application of CPower Electronics in Power Systems	Farid Atash Bahar (Urmia University, Iran); Behrooz Tusi (the Engineering Department of Urmia, Iran); Ebrahim Babaei (University of Tabriz, Iran)	<u>1569623063</u>
Approximate Analysis Of 2-Dimensiona 44. 120Heat Conduction In The Rotor Of An Induction Motor During Reactor Starting	and Machine	Ashok Naskar (West Bengal University Of Technology, India)	<u>1569623103</u>

45.	Phasor Measurement	Power Electronics	Ahmed Anees (GCET, India); Mohammad Rizwan (DTU, India); Majid Jamil (Jamia Millia Islamia University, New Delhi, India)	<u>1569623125</u>
46.	Comparison of Conventional and Vector Controlled Methods Applied for Single- Phase Induction Motors in Presence of Iron Loss	and Machine	<u>Hojat Hatami</u> (University of Tabriz, Iran); <u>Mohammad Bagher Bannae Sharifian</u> (University of Tabriz, Iran)	<u>1569623173</u>
47.	A Modified Direct Torque Control Using an Adaptive Flux Observer	and Machine	<u>Hossein Saberi</u> (University of Tabriz, Iran); <u>Mohammad Bagher Bannae Sharifian</u> (University of Tabriz, Iran)	1569623175
48.	Uninterrupted Working after Separating the Wind Power Plant to Grid	energy systems	Mohammad Bagher Bannae Sharifian (University of Tabriz, Iran); Rasoul Moradtalab (Mapna Electrical and Control Company, Iran)	1569623181
	Reduction of Transformers Inrush Current Using Fault Current Limiter	Power Electronics and Machine Control	Ebrahim Babaei (University of Tabriz, Iran)	<u>1569623189</u>
50.	Optimal power flow using iteration particle swarm optimization	Renewable energy systems	<u>Tohid Ghanizadeh</u> (University of Tabriz, Iran); <u>Ebrahim Babaei</u> (University of Tabriz, Iran)	1569623265
51.	Mathematical Modeling and Transient  129 Analysis of DC-DC Buck-Boost Converter in CCM	Industrial Applications	<u>Hamed Mashinchi Mahery</u> (Islamic Azad University, Ahar Branch, Iran); <u>Ebrahim Babaei</u> (University of Tabriz, Iran)	1569623301
52.	Modeling and Stability Analysis of <a href="mailto:130">130</a> Buck-Boost DC-DC Converter Based on Z-Transform	Industrial Applications	<u>Hamed Mashinchi Mahery</u> (Islamic Azad University, Ahar Branch, Iran); <u>Ebrahim Babaei</u> (University of Tabriz, Iran)	1569623309
53.	Placement of Compensation Devices  136 Based on CCT Assessment for Transient Stability Enhancement		<u>Deepshikha Singla</u> (Manav Rachna International University, Delhi-Surajkund Road Faridabad, Haryana, India); <u>Parshuram Sharma</u> (YMCA University of Science & Technology, Faridabad, India)	<u>1569623837</u>
54.	Voltage Sag Mitigation Using Multilevel  138 138 Compensator (DSTATCOM) in Low Voltage Distribution System	Application of Power Electronics in Power Systems	Subina Khan (RTM Nagpur University, India); Spekal Gawande (RTM Nagpur University, India);	<u>1569624001</u>

New Cascaded Multilevel Inverter 55. 141 Topology With Reduced Variety of Magnitudes of dc Voltage Sources	Industrial Applications	Ebrahim Babaei (University of Tabriz, Iran)	<u>1569624139</u>
56. 142 PID Control of Maglev Guiding System for Linear Elevator	Power Electronics and Machine Control	Maryam Moazen (University of Tabriz, Iran); Mohammad Bagher Bannae Sharifian (University of Tabriz, Iran); Hadi Afsharirad (University of Tabriz, Iran)	<u>1569624159</u>
Reactive Power Compensation of Wind 57. 143 Energy Distribution System using Distribution Static Compensator (DSTATCOM)		Snehal Gawande (RTM Nagpur University, India); SNilesh Kubde (YCCE, India); Manish Joshi (YCCE, India); Bharat Sudame (YCCE, India)	<u>1569624175</u>
Generalized PWM algorithm for VSI fee 58. <u>145</u> Induction Motor Drives Using the only Sampled Reference Phase Voltages	l Power Electronics and Machine Control	Supalli Bhavani (Jawaharlal Nehru Technological University, Hyderabad, India)	1569624289
Advanced Perturbation and Observation 59. 146 (P&O) based Maximum Power Point Tracking (MPPT) of a Solar Photo- Voltaic System	Renewable energy systems	<u>Dinesh Kumar Sharma</u> (Sir Padampat Singhania University, Udaipur (INDIA), India); <u>Ghanshyam</u> <u>Purohit</u> (Sir Padampat Singhania University, Udaipur (INDIA), India)	<u>1569624379</u>
Effect of voltage unbalance and stator 60. 147 inter turn short circuit on the characteristics of an induction motor	Power Electronics and Machine Control	S <u>Srikonda Hari Kishan</u> (Indian Institute of Technology Roorkee, India); <u>Satyapal Gupta</u> (Indian Institute of Technology Roorkee, India)	1569624397
Wideband Voltage Followers with 61. 148 Improved Performance and High- Frequency Analog Electronic Circuits	Semi conductor Devices	<u>Urvashi Singh</u> (Netaji Subhas Institute of Technology, India)	1569624451
Comparative Evaluation of Global Peak Power Point Tracking Techniques For Grid-Connected PV System Operating Under Partially Shaded Condition	Renewable energy systems	Nilesh V. Shah (Sardar Vallabhbhai National Institute of Technology, SVNIT, Surat, India); Chudamani R (Sardar Vallabhbhai National Institute of Technology, Surat, India) Sylbon do Dotto (Ladarana Hairanaita India)	<u>1569624457</u>
A Soft-Switched Flyback Converter with 63. 151Recovery of Stored Energy in Leakage Inductance	Semi conductor Devices	Subhendu Dutta (Jadavpur University, India); Dipten Maiti (Jadavpur University, India); Arindam Sil (Jadavpur University, India); Biswas (Jadavpur University, India)	<u>1569624463</u>

A Modified 3 D Space Vector based  PWM Method for Four-Leg VSI Fed  Asymmetrical Two-Phase Induction  Motor drive using Vector Control	Power Electronic and Machine Control	Institute of Technology Surat India): ('hudamani	<u>1569624901</u>
Optimal Hybrid Power System design using HOMER	Renewable energy systems	<u>Dinesh Yadav</u> (IIT Delhi, India); <u>Sai Pranith</u> <u>Girimaji</u> (IIT Delhi, India); <u>Trilochen Bhatti</u> (IIT Delhi, India); <u>Dr. Ibraheem</u> (Jamia Millia Islamia, India)	<u>1569625037</u>
Comparison of Vector-Based Hysteresis  66. 163 Current Control Schemes for Three- Phase Three Wire Shunt Active Power Filter	Power Electronic	Rachana Patel (Gujarat Technological University, s India); Jayendra Patel (Gujarat Technological University, India); Pinkal Patel (Sir, India)	1569625085
Mathematical Model and Simulation 67. 165 Analysis in Doubly Fed Induction Generator	Power Electronic and Machine Control	s <u>Yanzhen Ren</u> (North China Electric Power University, P.R. China); <u>Junqing Lee</u> (North China Electric Power University, P.R. China)	1569625117
68. 166 On Improving the performance of Traff Comparator	s Semi conductor Devices	Ranjana Sridhar (Delhi Technological University, India); Neeta Pandey (Delhi College of Engineering, India)	<u>1569625209</u>
Microcontroller Based Single-Phase *69. 167 Simplified Nine-Level Inverter Fed Induction Motor	Power Electronics and Machine Control	William Christopher I (Tagore Engineering College, India); Ramadoss Ramesh (Anna University, India); Deepa A (Tagore Engineering College, India); Hemalatha K (Tagore Engineering College, India); MadhuBala S (Tagore Engineering College, India); Hemalatha J (Tagore Engineering College, India)	<u>1569625229</u>

Microcontroller Based Single-Phase 70. 171 Simplified Seven-Level Inverter for PV System	Renewable energy systems	William Christopher I (Tagore Engineering College, India); Ramadoss Ramesh (Anna University, India); Parthiban J (Tagore Engineering College, India); Saravanan Balaraman (Tagore Engineering College, India); Rakesh Kumar (Tagore Engineering College, India); Pallavan Shanmugam (Tagore Engineering College, India)	<u>1569625293</u>
Performance Analysis of Direct Torque 71. 173 Control of PMSM Drive Using SVPWM - Inverter		Naravan Cilinia (Ciriental Institute of Science and	1569625371
Active Power Loss Minimization Using 72. 174 Optimally Placing UPFC in a Power System		Arup Ratan Bhowmik (National Institute of Technology, Agartala, India); Ajoy Chakraborty (National Institute of Technology, Agartala, India)	1569625399
Digital Controller Implementation for 73. 176 Non-Inverting Buck-Boost Converter Using Run-Time Partial Reconfiguration of FPGA	Semi conductor Devices	Sajeesh K (Aeronautical Development Establishment, India); Vivek Agarwal (Indian Institute of Technology Bombay, India)	<u>1569625437</u>
Realization of Fibonacci Search 74. 177 Algorithm for single phase Matrix Converter	Power Electronics and Machine Control	Shubham Verma (Shri Ramswaroop Memorial Group of Professional Colleges Lucknow, India); Vineeta Agarwal (MotiLal Nehru National Institute of Technology, India)	<u>1569625471</u>
	Power Electronics	Abhishek Rathi (Malaviya National Institute of Technology, Jaipur, India); Abhishek Sadda (Malaviya National Institute of Technology, Jaipur, India); Lalit Nebhnani (Malaviya National Institute of Technology, Jaipur, India); Vaivaswat Maheshwari (Malaviya National Institute of Technology, Jaipur, India)	<u>1569625663</u>
Performance Improvement of Wind 76. 182 Energy Conversion System using Matrix Converter	Renewable energy systems	Surendra Tripathi (Jamia Millia Islamia, India)	1569625667

Voltage Stability Assessment in the 77. 183Presence of Optimally Placed D-FACTS Devices		Abhishek Rathi (Malaviya National Institute of Technology, Jaipur, India); Abhishek Sadda (Malaviya National Institute of Technology, Jaipur, Sandia); Vaivaswat Maheshwari (Malaviya National Institute of Technology, Jaipur, India); Lalit Nebhnani (Malaviya National Institute of Technology, Jaipur, India)	
Loss Minimization with D-FACTS 78. 185 Devices using Sensitivity Based Technique		Abhishek Rathi (Malaviya National Institute of Technology, Jaipur, India); Abhishek Sadda (Malaviya National Institute of Technology, Jaipur, India); Vaivaswat Maheshwari (Malaviya National Institute of Technology, Jaipur, India); Lalit Nebhnani (Malaviya National Institute of Technology, Jaipur, India)	
Digital Control of Zero Voltage 79. 193 Switching Buck Converter Using PIC Microcontroller	Semi conductor Devices	Neethu Mohan (National Institute of Technology Calicut, India)	1569626069
Performance Analysis of Wind Diesel 80. <u>196</u> Hybrid System for RL Load with Transmission Line	Renewable energy systems	Ahmad Faiz Minai (Integral University, India); Chandan Kumar (Integral University, India); Kumail Hasan Naqvi (Integral University, India)	<u>1569626139</u>
Real Time Implementation of A Series 81. 197 Converter Control System to Mitigate Voltage Sag/Swell	Application of Power Electronics in Power Systems	of Technology India)	1569626157
Application of Custom Power Park to 82. 198 Improve Power Quality of Sensitive Loads	Semi conductor Devices	Bahr Eldin Suliman Mohammed Osman (University Technology PETRONAS, Malaysia)	<u>1569626179</u>
83. 199 Operation and Control of a Distributed Microgrid with Hybrid System	Application of Power Electronics in Power Systems		<u>1569626191</u>

A Simplified Control Strategy for Shunt 84. 200 Active Power Line Conditioner Working under Unbalanced Non-Sinusoidal Supply Conditions	Application of Power Electronics in Power Systems	Mahmadasraf Mulla (Electrical Department, SVNIT, Surat, India); Sanjay Patel (Electrical Department, SVNIT, Surat, India); Chudamani R (Sardar Vallabhbhai National Institute of Technology, Surat, India); Anandita Chowdhury (SVNIT Surat, India)	<u>1569626241</u>
85. 201 Stability Analysis of Boost DC-DC Converter Using Z-Transform	Industrial Applications	<u>Ebrahim Babaei</u> (University of Tabriz, Iran); <u>Hamed Mashinchi Mahery</u> (Islamic Azad University, Ahar Branch, Iran)	<u>1569626249</u>
Investigation of Power System Stability 86. 202by UPFC Based on Indirect Matrix Converter Optimal Tuning of PI Controller for		Ebrahim Babaei (University of Tabriz, Iran); Farzad Mohammadzadeh Shahir (Islamic Azad University, Ahar Branch, Iran)	<u>1569626283</u>
87. 203 Position Control of DC motor drive using Particle Swarm Optimization	and Machine Control	Rohit Kanojiya, Mr. (Y C C E Nagpur, India)	<u>1569626289</u>
88. 205 Dynamic Modeling of Dynamic Voltage Restorer	Application of Power Electronics in Power Systems	Ebrahim Babaei (University of Tabriz, Iran); Farzad Mohammadzadeh Shahir (Islamic Azad University, Ahar Branch, Iran)	1569626313
Low Power Multi-Threshold MOS 89. <u>207</u> Current Mode Logic Asynchronous Pipeline Circuits	Semi conductor Devices	<u>Kirti Gupta</u> (Delhi Technoloical University, India); <u>Neeta Pandey</u> (Delhi College of Engineering, India); <u>Maneesha Gupta</u> (Delhi University, India)	<u>1569626625</u>
90. 208 Implementation of Supervisory Control System for PMSM Drive	Power Electronics and Machine Control	Mini Sreejeth (Delhi Technological University, India); Prakhar Varshney (Delhi Technological University, India); Priyanka Sachdeva (Delhi Technological University, India); Madhusudan Singh (Delhi Technological University, India); Parmod Kumar (Delhi Technological Univ, India)	<u>1569626643</u>
91. <u>209</u> FPGA based digitalized Power Supplies	Semi conductor Devices	Paresh Shah (Ph. D., India)	1569626679
92. 210 Digital voltage control of multi-output single inductor buck-boost converter	Semi conductor Devices	<u>Teenu Davis</u> (National Institute of Technology, Calicut, India)	1569626743
93. 212 Fuzzy Observer Based Tracking Error Control of a Non-linear System	Industrial Applications	Bhasker Sharma (Jamia Milia Islamia, India)	<u>1569627427</u>

94.	LMP technique for locating Series FACTS Device (TCSC) for Social Welfare Benefits in Deregulated Electricity Market	Application of Power Electronics in Power Systems	(Jamia Millia Islamia India): Maiid Jamil (Jamia	1569629003
95.	Renewable Energy based Small Hybrid  215 Power system for Desalination Applications in Remote locations	Renewable energy systems	Nagaraj R (BARC, Kalpakkam, India)	1569629235
96.	An Improved and Simple Hybrid Energy Recovery Snubber Circuit for Generic Power Converters and Protection Scheme	Application of Power Electronics to transportation	Tapas Halder (INDIA, India)	<u>1569629681</u>
97.	An Improved and Simple Loss Reduction Technique of Distribution and Transmission (T&D) Networks in Power	Industrial Applications	<u>Tapas Halder</u> (INDIA, India)	<u>1569629685</u>
98.	System Space Based Solar Power (SBSP): An Emerging Technology	Renewable energy systems	•	1569630699
99.	Comparative Analysis Hybrid Power  222 Filter Topologies with distorted source voltage	Application of Power Electronics in Power Systems	, ,,	<u>1569630755</u>
100.	Effective Power and Energy  Management for The Dual Source  Hybrid Electric Vehicle Based On The  Measured Drive Cycle	Application of Power Electronics to transportation	Pritesh Patel (1 Year, India)	<u>1569631145</u>
101.	Artificial Intelligence Based Control of 3D Inverted Pendulum	Industrial Applications	Manish Verma (NSIT-University Of Delhi, India); Prerna Gaur (Netaji Subhas Institute of Technology, Delhi University, India); Alok Mittal (N. S. I. T., New Dlhi, India); Sk Jha (University of Delhi, India)	
102.	Newton-Raphson Power Flow Models of Static VAR Compensator	Application of Power Electronics in Power Systems	Bahadur Singh Pali (Bhagwan Parshuram Institute of Technology, India); Suman Bhowmick (Delhi Technological University, India); Narendra Kumar (Delhi Technological University, India)	<u>1569631859</u>

Comparison of Proportional-Integral (P- 103. 228 Controllers for speed control in Vector controlled Induction Motor Drive	Power Electronics and Machine Control	Sereekumar T (Govt. Rajiv Gandhi Institute of Technology, Kottayam, Kerala, India)	1569632299
Mitigation of Induction Generator Effect 104. <u>229</u> Due to SSR with STATCOM in Synchronous Generator	Power Electronics	ST. Nagarajan (Delhi Technological University, SIndia); Narendra Kumar (Delhi Technological University, India)	1569632377
Pitch Angle Control of Wind Energy 105. 230Conversion System using Particle Swarm Optimization Technique Design and comparative study of three	Renewable energy systems	Anjani Pandey (MNNIT, Allahabad U P India, India)	1569632389
Photovoltaic battery charge control algorithms in MATLAB/SIMULINK environment	Renewable energy systems	Ankur Bhattacharjee (Bengal Engineering and Science University, Shibpur, India)	1569634173
An Induction Machine Damping Unit fo 107. 233 Damping SSR in a Series Compensated Power System	Power Electronics	Narendra Kumar (Delhi Technological University, SIndia); Prakash Chittora (Delhi Technological University, India)	<u>1569634801</u>
108. 234 A high regulated low ripple DC power supply based on LC filter & IGBT	Industrial Applications	<u>Ayan Mitra</u> (Jadavpur University, India); <u>Abhisek</u> <u>Roy</u> (Faculty of Engineering and Technology, Jadavpur University, India)	1569635201
Interconnection Issues for Distributed 109. 235Resources in a Smart Distribution System	Renewable energy systems	Mini Thomas (Jamia Millia Islamia, New Delhi, India); Parveen Terang (JSS Academy of Tech, Education, MTU, Noida, India)	<u>1569635517</u>
110. 241 An Improved Direct Torque Control of Five Phase Induction Motor	Power Electronics and Machine Control	SRavindra Singh (MNNIT, India); Gorav Vig (National Institute of Engineering, Allahabad, India)	<u>1569635779</u>
111. 242 Solar Power Charger with Universal USB Output	Renewable energy systems	Burak Akin (Yildiz Technical University, Turkey)	1569635831
112. 243 Harmonic Survey and Its Compensation in High Power Nonlinear Loads	Application of Power Electronics in Power Systems	Madhukar Waware (Walchand College of Engineering Sangli, India); Pramod Agarwal (Indian Institute Technology Roorkee, India)	<u>1569635873</u>

Improved Power Quality Converter 113 244 Based Electronic Ballast with High Power Factor	Semi conductor Devices	<u>Ashish Shrivastava</u> (IIT Delhi, New Delhi, India); <u>Bhim Singh</u> (Indian Institute of Technology Delhi, India)	<u>1569635903</u>
Design and Implementation of a 114. <u>245</u> Digitally Controlled Stand-alone Photovoltaic Charging System	Renewable energy systems	Ragasudha Chundampunathil (MSRIT Bangalore, India)	<u>1569636097</u>
Dynamic Modeling and Performance Analysis of Grid Connected PMSG 115. 246based Variable Speed Wind Turbines With Simple Power Conditioning System	Renewable energy systems	Jayalakshmi N. Sabhahit (Manipal University, India)	<u>1569636543</u>
ANN based Space Vector for a Three- 116. <u>247</u> Phase Diode Clamped Five-Level Inverter	Power Electronics and Machine Control	S <u>Durga Gadwala</u> (SNIST HYD, India)	<u>1569636565</u>
Performance Analysis of Various 117. 248 Readout Circuits for Monitoring Quality of Water Using Analog Integrated Circuits	Semi conductor Devices	<u>Pawan Whig</u> (Jamia Millia Islamia, India); <u>Syed</u> <u>Ahmad</u> (Jamia Millia Islamia, India)	<u>1569636615</u>
Multi-objective Reactive Power 118. 249 Management using Differential Evolution	Application of Power Electronics in Power Systems	(MITS, India)	<u>1569636625</u>
Autonomous Wind Energy Conversion 119. <u>250</u> System Employing Synchronous Generator	Renewable energy systems	Shailendra Sharma (Shri G S Institute of Technology & Science, Indore, India); Bhim Singh (Indian Institute of Technology Delhi, India)	<u>1569636857</u>
Software PLL Based Control Algorithm 120. <u>253</u> for Power Quality Improvement in Distribution System	Power Electronics	Sabha Raj Arya (Indian Institute of Technology Delhi, India); Bhim Singh (Indian Institute of Technology Delhi, India) Bhimrao S. Gajbhiye, Jr (Vishvesvaraiya National	<u>1569636879</u>
121. 257 Single phase to three phase matrix converter for traction drives	Application of Power Electronics to transportation	Institute of Technology, India)	<u>1569637039</u>

122. <u>258</u> fo	n Advanced Frequency Drift method or Islanding Detection of an Inverter aterfaced Grid Connected Distributed eneration	Renewable energy systems	Pankaj Gupta (Indira Gandhi Institute of Technology, India); Ravinder Bhatia (National Institute Of Technology, India); Dinesh Jain (D C R University of Science and Technology, India); Rajveer Mittal (GGSIP University DELHI, India) Ruchika Mittal (MD University Rohtak, India);	<u>1569637057</u>
123. <u>259</u> Co	MSG based Isolated Wind Energy onversion System (WECS) for ariable Load	Renewable energy systems	Pulkit Jain (GGSIP University DELHI, India); Ritika Gour (GGSIP University DELHI, India); Rashmi Sharma (GGSIP University DELHI, India); Rajveer Mittal (GGSIP University DELHI, India); Rajveer Mittal (GGSIP University DELHI, India); Satvir Singh Deswal (GGSIPU, India)	<u>1569637085</u>
124. <u>260</u> Pc	ower sharing in Distributed Power eneration System	Application of Power Electronics in Power Systems	Manoj Badoni (Delhi Technological University, India); Alka Singh (DTU, India)	1569637247
125. <u>262 of</u>	evelopment of Synchronization system f Two Spark Gaps	Industrial Applications	Rohit Kumar (HBNI, India)	1569637293
126. <u>263</u> si	imulation of Virtual SCADA System sing LabVIEW	Industrial Applications	Narendra Kumar (DTU, Delhi, India); <u>Uttam</u> Kumar (Delhi Technological University, India)	<u>1569637325</u>
	hort-Term Wind Power Forecasting for lectric Power Systems Utilizing ICA- N	Renewable energy systems	Mojtaba Jabbari ghadi (University of Guilan, Iran); Saeed Hakimi gilani (University of Guilan, Iran); Hossein Afrakhte (Guilan University, Iran); Alfred Baghramian (University of Guilan, Iran)	<u>1569637397</u>
128. <u>273</u> A	omparison of Effectiveness of uxiliary Signals Incorporated in TATCOM for improving Transient erformance of Power System		Narendra Kumar (Delhi Technological University, India); Vipin Jain (Delhi University, India); Sanjiv Kumar (Delhi University Delhi, India)	<u>1569637673</u>
129. <u>274</u> of	Iathematical Modelling and Simulation CSTR Using MIT Rule	Industrial Applications	Narendra Kumar (DTU, Delhi, India); Neha Khanduja (Delhi Technological University, India)	<u>1569637687</u>
130. <u>275</u> Pr	rediction of Wind Energy using atelligent Approach	Renewable energy systems	Mohammad Rizwan (DTU, India); Sanju Saini (DCRUST, Murthal, Haryana, India); Upma Singh (DCRUST, Murthal, Haryana, India)	<u>1569637697</u>

131.	GA based Multiobjective Economic 276Load Dispatch by Maximization Of Minimum Relative Attainments	Application of Power Electronics in Power Systems	Uma Nangia (Delhi Technological University, India)	1569637745
132.	278 Diagonal PV Micro-inverter With Isolated Output	Renewable energy systems	<u>Viranchi Pandya</u> (Indian Institute of Technology Delhi, India); <u>Arun Agarwala</u> (Indian Institute of Technology Delhi, India)	1569637779
133.	Power Quality Improvement using 279STATCOM with Renewable Energy Sources	Renewable energy systems	<u>K Ilango karuppasamy</u> (Amrita Vishwa Vidyapeetham, India); <u>Manjula Nair</u> (Amrita Vishwa Vidyapeetham, India)	1569637825
134.	A Novel Switching Scheme for Three 280Phase PWM AC Chopper Fed Induction Motor		Jose Thankachan (NIT CALICUT, India); George Saly (National Institute of Technology Calicut, India)	1569637909
135.	Design of PID-PSS and SVC in a Multi- machine System for Damping of Power System Oscillations Using Genetic Algorithm	Power Electronics	Hitesh Jariwala (S V National Institute of Technology, India); Anandita Chowdhury (S V National Institute of Technology, India)	<u>1569637949</u>
136.	Reactive Power Compensation for 286 Integration of Wind Power in a Distribution Network		Shahzad Ahsan (Jamia Millia Islamia, India); Anwar Shahzad Siddiqui (Jamia Millia Islamia, India); Shagufta Khan (Jamia Millia Islamia, India)	1569638043
137.	Energy Optimization in Wireless  287 Communication Network through Renewable Energy Sources (RES)	Renewable energy systems	Amit Kumar (Manav Bharti University, India); <u>Tanvir Singh</u> (IET Bhaddal Technical Campus, India); <u>Divya Khurana</u> (CGC Gharuan, India)	1569638087
138.	Study on Maximum Power Point  288 Tracking method for Photovoltaic  System	Power Electronics and Machine Control	S Gomathi (K S Rangasamy College of Technology, India); N Kanagaraj (Director, India)	1569638095
139.	289 sliding mode control of dual- buck full-bridge inverter	Power Electronics and Machine Control	Satish Kumar (EED, MNNIT Allahabad, India); Rajesh Gupta (M. N. National Institute of Technology, India)  Durga Gadwala (SNIST HYD, India)	1569638103
140.	TYPE-2 Fuzzy based SVM for Two- Level Inverter fed Induction Motor Drive	Industrial Applications		1569638163

141. 292 Per Capita Generation through SPV: feasibility and prospects in India	Renewable energy systems	Islamia, India); Ahmed Anees (GCET, India); Naqui Anwer (JAMIA MILLIA ISLAMIA, India)	<u>1569638177</u>
142. 297 Voltage Mode Biquadratic Filter using Single OTRA	Semi conductor Devices	Mines, India); Mandeep Singh Singh (Delhi College of Engineering, India); Manish Jain (Delhi College of Engineering, India)	<u>1569638205</u>
Novel Approach for Measurement of 143. 298 High Current By Piezoelectric Technology	Industrial Applications	<u>Avinash Katkar</u> (Dr B A Technological University, India)	<u>1569638215</u>
144. 299 A Novel Multifunction Modified CFOA based Inverse Filter	Semi conductor Devices	Rambhagat Sharma (Delhi Technological University Delhi, India); Bhavnesh Jaint (Delhi Technological University Delhi, India); Kamini Garg (Delhi Technological University Delhi, India)	<u>1569638269</u>
Grid-connected photovoltaic system with 145. 301MPPT and reactive power compensation control	Renewable energy systems	Gitanjali Mehta (IIT Roorkee, India); Sajjan Pal Singh (I. I. T. Roorkee, India)	1569638289
Transient Stability Analysis of Power 146. 304 System using BCU method and Ray Technique		Subhasis Mitra Roy (IIT Delhi, India); Dinesh S Yadav (IIT Delhi, India); Sai Pranith Girimaji (IIT Delhi, India); Trilochen Bhatti (IIT Delhi, India)	<u>1569638335</u>
Sensitivity Analysis of Model-Based 147. 305 Controller Applied to Loss Minimization of Induction Motor	Industrial Applications	Thanga Raj Chelliah (Indian Institute of Technology Roorkee, India)	1569638357
Renewable Energy: Indian Competitive 148. 306 Electricity Marketplace and Future Aspects	Renewable energy systems	Prashant Kumar Tiwari (National Institute of Technology Hamirpur (HP) India, India); Yog Raj Sood (National Institute of Technology, Hamirpur (H.P.), India)	<u>1569638359</u>

A Comparative Study of Damping 149. 309 Subsynchronous Resonance Using SSSC and STATCOM		Narendra Kumar (Delhi Technological University, s India); Nisha Kamboj (DTU, India); Ajendra Singh (Delhi Technological University, India)	1569638387
150. <u>312</u> Sensitivity Analysis of Pantograph- Catenary System Model	Application of Power Electronics to transportation	Priya Mahajan (DTU, India); Rachana Garg (Delhi Technological University (Formerly Delhi College of Engineering), India); Parmod Kumar (Delhi Technological Univ, India)	1569638409
Broadband over Power Lines  Implementation Roadmap for a Smarter Grid: A case study for Indian Power Sector		Mini Thomas (Jamia Millia Islamia, New Delhi, s India); Vinay Chandna (ITSGrNoida, India); Seema Arora (GCET, India)	<u>1569638455</u>
152. <u>317</u> Low-voltage Current Mirror with extended Bandwidth	Semi conductor Devices	Maneesha Gupta (Netaji Subhas Institute of Technolgy, India); Abhinav Malhotra (Texas Instruments, India); Anu Malik (BHEL, India)	1569638467
Measurement of IGBT Switching 153. 320 Characteristic and Loss Using Coaxial Current Transformer	Semi conductor Devices	Vikash Kumar (Indian Institute of Science, Department of Electrical Engineering, India); Srikanth Reddy (Indian Institute of Science, Department of Electrical Engineering, India); Narayanan G (Indian Institute of Science, Department of Electrical Engineering, India)	<u>1569638489</u>
154. 325 Simulation of Digital Excitation System for Synchronous Generator	Application of Power Electronics in Power Systems	Prajapati Manishkumar Gandalal (The MSU Baroda, India)	1569638587
A Novel FGMOS Voltage Reference 155. <u>326</u> with Temperature and Power Supply Compensation	Semi conductor Devices	Sambasiva Rao Gorrepati (JNTU, India); Rama rao B (JNTU, India)	<u>1569638619</u>
156. <u>329</u> Evolutionary algorithm based combinational circuit design	Semi conductor Devices	Arun Rudra (Delhi Technological University, India); Neeta Pandey (Delhi College of Engineering, India); Sreedevi Indu (Delhi Technological University, India)	<u>1569638663</u>
157. <u>332</u> LPCM Controlled IBFC for High power factor & Tight Voltage Regulation	Application of Power Electronics to transportation	s Mopidevi Subbarao (Department of EEE, India)	<u>1569638705</u>

158. 334 Harmonic Analysis of Slip Power Recovery Drives	Power Electronics and Machine Control	<u>Kavita Jaiswal</u> (NIT Kurukshetra, India); <u>Dheeraj</u> <u>Joshi</u> (NIT Kurukshetra, India); <u>Duli Meena</u> (DTU, India)	<u>1569638729</u>
Steady State Analysis Of Three Phase Self Excited Induction Generator Using 159. 335MATLAB GUI to Feed Single Phase Loads With Three Capacitor Configuration	Renewable energy systems	Rajesh Ahuja (IIT Delhi, India)	<u>1569638743</u>
Independent Speed Control of Two Three Phase Induction Motor Using Two Arm Modulation Technique A MATLABSimulink Approach	Power Electronics and Machine Control	Ankit Dixit (KNIT SULTANPUR, India)	<u>1569638745</u>
Control of 2-DOF Robotic Manipulator 161. 338 using Brushless DC motor to track the motion of object in a plane	Industrial Applications	Deepak Saini (NSIT NEW DELHI, India)	1569639223
Improved Dynamic Performance of 162. 340 Fuzzy Based DTC Induction Motor Using Bus-Clamped SVM	Power Electronics and Machine Control	Venkataramana Naik N (Indian Institute of Technology Roorkee, India)	<u>1569639309</u>
Electric Vehicle and Grid Interface with Modified PWM Rectifier and DC-DC Converter with Power Decoupling and Unity Power Factor	Application of Power Electronics to transportation	India); D Shahani (III Delhi, India); D Shahani (III Delhi, India)	1569639433
164. 342 Three-Phase Single Stage Medium Power Supply Using Cuk Converter	Semi conductor Devices	G. Bhuvaneswari (Indian Institute of Technology, India); Bhim Singh (Indian Institute of Technology Delhi, India); Shikha Singh (Indian Institute of Technology, India)	<u>1569639535</u>
Three-Phase Push-Pull Modular  165. 344 Converter Based Welding Power Supply with Improved Power Quality	Semi conductor Devices	G. Bhuvaneswari (Indian Institue of Technology, India); Bhim Singh (Indian Institute of Technology Delhi, India); Swati Narula (Indian Institute of Technology, India)	<u>1569639555</u>

166. 346 Improved Power Quality Flyback Converter fed PMBLDCM Drive	Power Electronics and Machine Control	Sanjeev Singh (Sant Longowal Institute of Engineering and Technology, Longowal, India);  Bhim Singh (Indian Institute of Technology Delhi, India)	1569639741
Maximum Power Point Tracking and Grid feeding of Permanent Magnet Synchronous Generator based Wind Energy Conversion System using Modified Hill Climb Searching Algorithm	Renewable energy systems	P Damodharan (IIITD&M Kancheepuram, India); Rajin Linus (Indian Institute Of Information Technology Design & Manufacturing Kancheepuram, India)	<u>1569640319</u>
A Simplifies Control Strategy for Series  168. 348 Hybrid Active Power Filter that  Compensate Voltage Sag, Swell,  Unbalance and Harmonics		Mahmadasraf Mulla (Electrical Department, SVNIT, Surat, India); Payal Patel (S V National Institute of Technology, Surat, India); Chudamani SR (Sardar Vallabhbhai National Institute of Technology, Surat, India); Anandita Chowdhury (S V National Institute of Technology, India)	1569640423
Analysis of UPFC, SSSC with and	Applicationof		
169 349 without POD in Congestion  Management of Transmission System	in Power Systems		<u>1569640755</u>
Management of Transmission System  170. 350 Leverrier's Algorithm based Modeling of Higher-order dc-dc Converters	in Power Systems		
Management of Transmission System	in Power Systems Power Electronics and Machine	SMan Mohan Garg (Reseach Scolar, IIT Roorkee, India); Yogesh Hote (IIT Roorkee, India); Mukesh	

173. 354 Integration of natural resources for green power reliability	n Renewable energy systems	Sarala Adhau (Nagpur University, India)	<u>1569640863</u>
174. 356 Load Compensation with DSTATCOM and BESS	Application of Power Electronic	Kapil Shukla (Delhi Technological University, s India); Alka Singh (DTU, India); Suman s Bhowmick (Delhi Technological University, India)	1569640907
Small Signal Analysis and Control 175. 357 design of Active clamp Forward Converter with center tapped secondary	Semi conductor Devices	Vijaya Rajguru (Pune, India); Bhalchandra Chaudhari (Pune University, India)	<u>1569640915</u>
Improve the Dynamic Performance of 176. 361 Doubly Fed Induction Generator under Load Variation in an Islanded Micro-gri	Power Electronic and Machine dControl	s <u>Mehran Sabahi</u> (University of Tabriz, Iran)	1569641027
Optimization of Solar Power by 177. 362 Azimuthal Angle and Neural Network Control of a PV Module	Renewable energy systems	Rahul Dubey (NIT Kurukshetra, India); Dheeraj Joshi (DTU Delhi, India)	<u>1569641163</u>
178. 363 Design of Class-A Chopper for Minimizing Load Voltage Ripple	Power Electronic and Machine Control	Anupam Agarwal (Assistant Pofessor, India);  Dheeraj Joshi (DTU Delhi, India)	1569641219
179. 366 The 27-Level Multilevel Inverter For Solar Pv Applications	Semi conductor Devices	<u>Karthik S</u> (PSG College of Technology, India); <u>Sabarinathan L</u> (Kathir College of Engineering, India); <u>Ravi Krishna S</u> (R&D, India)	<u>1569641597</u>
Study of Harmonic Distribution 180. 367 Characteristics of a New MIDC Transmission System	Application of Power Electronic in Power Systems	s Zeng Jinhui (Hunan University, P.R. China)	1569641619
Modeling of UPFC with Output  181. 369 based power system stabiliser (PSS) for Single Machine Power System	Application of Power Electronic in Power Systems	S Sunil Keshav Patil (Government College of Engineering, Karad, India)	<u>1569641885</u>
182. 372 Hybrid PI Speed Controllers for Permanent Magnet Brushless DC Motor	Power Electronic and Machine Control	Vishal Verma (Delhi Technological University, Delhi, India); Harish Kumar (Delhi Technological University, India); Renu Bhardwaj (Delhi Technological University, India)	<u>1569642251</u>

Mater-Slave Current Control DGs in a 183. 373 Microgrid for Transient Decoupling with Mains		Vishal Verma (Delhi Technological University, s Delhi, India); Girish Gowd (Delhi Technological s University, India)	<u>1569642259</u>
Single phase Cascaded Multilevel 184. <u>374</u> Photovoltaic Sources for Power Balanced operation	Renewable energy systems	<u>Vishal Verma</u> (Delhi Technological University, Delhi, India); <u>Amritesh Kumar</u> (Delhi Technologocal University, India)	1569642261
Control Technique Analysis of DC-DC 185. 375 Converter for Photovoltaic Application Using SIMSCAPE	Renewable energy systems	Pallavee Bhatnagar (MANIT, India)	1569642419
186. <u>376</u> Implementation of a SISO-ZVS Push- Pull Converter Fed DC Servo Motor	Industrial Applications	<u>Kaliyaperumal Deepa</u> (Amrita School of Engineering, India); <u>Mallapu Vijayakumar</u> (JNTU, India); <u>Mohana Krishnan Sharika</u> (Amrita School of Engineering, India)	<u>1569642821</u>
187. <u>377</u> Performance analysis of a DC Motor Fe from ZCS-Quasi-resonant Converters	d Power Electronical and Machine Control	s Mallapu Vijayakumar (JNTU, India); Kaliyaperumal Deepa (Amrita School of Engineering, India)	1569642911
Hybrid Renewable Energy System:  188. 378 Optimum Design, Control and Maximum Utilization with SIBB Converter using DSP Controller	mRenewable energy systems	Kaliyaperumal Deepa (Amrita School of Engineering, India); John Marshal T P (Amrita School of Engineering, India)	<u>1569642993</u>
Emulation of Static and Dynamic 189. 382 Characteristics of a Wind Turbine using Matlab Simulink	Renewable energy systems	Soumendra Bagh (MNNIT, India); Rahul Sharma (India, India); Sandeep Banerjee (Motilal Nehru National Institute of Technology Allahabad, India)	1569643313
190. 384 Design, Modeling and Implementation of Bi-directional Buck and Boost Converted	Application of Power Electronic to transportation	S Sumanth Pala (Indian Institute Of Technology Roorkee, India)	1569643547
191. 386 Implementation And Comparison Of A New Moc With Post Regulators	Power Electronic and Machine Control	s T Deepti (Amrita Vishwa Vidyapeetham, India); Kaliyaperumal Deepa (Amrita School of Engineering, India)	1569643809
192. 387 Design of a DC-DC Converter for Photovoltaic Solar system	Renewable energy systems	Sudha Bansal (NIT, Kurukshetra, India); Lalit Mohan Saini (NIT, Kurukshetra, India); Dheeraj Joshi (DTU Delhi, India)	<u>1569644009</u>

Fail-Safe Operation and Reliability 193. 389 Enhancement of Distributed Process Plant with PLC	Industrial Applications	Parmod Kumar (Delhi Technological Univ, India); Karan Singh (Delhi Technological University, India)	<u>1569644051</u>
Performance Evaluation of Multilevel 194. 390 Inverter with Advance PWM Control Techniques	Application of Power Electronic in Power Systems	(Deini Technological University, India)	<u>1569644055</u>
195. 392 Implementation of a New Multi output Push-Pull Primary ZVS Converter	Power Electronic and Machine Control	Mohana Krishnan Sharika (Amrita School of s Engineering, India); Mallapu Vijayakumar (JNTU, India); Kaliyaperumal Deepa (Amrita School of Engineering, India)	<u>1569644179</u>
Realization of a Novel Current Mode 196. <u>393</u> Fully Differential PID (FDPID) Controller	Power Electronic and Machine Control	s <u>Pragati Kumar</u> (Delhi Tecnological University, India); <u>Rakesh Verma</u> (Delhi Technological University, India)	<u>1569644387</u>
197. 394 Integration of Wind Generation System in Low Voltage Distribution System	Application of Power Electronic in Power Systems	Liniversity India): Suchil Gunta (I)(RIIST	<u>1569644509</u>
Grid Integration of Renewable Energy 198. <u>395</u> Sources: Challenges, Issues and Possibl Solutions	Renewable energy systems	Ahmed Anees (GCET, India)	<u>1569644511</u>
199. Shunt active power filter as front end converter for DC loads		Syam Naresh Garlapati (MNNIT ALLAHABAD, s India); Rajesh Gupta (M. N. National Institute of s Technology, India)	1569644533
Performance Evaluation of BLDC Moto 200. 397 with Conventional PI and Fuzzy Speed Controller	-	s <u>Archna Garg</u> (Delhi Technological University, Delhi, India); <u>Madhusudan Singh</u> (Delhi Technological University, India)	1569644541
Comparative Performance Analysis of Shunt Active Power Filter and Hybrid Active Power Filter using FPGA-Based Hysteresis Current Controller	Industrial Applications	Santanu Dash (i g i t, Sarang, India); Nirjharini Sahoo (Hi-Tech Institute of Technology, India); Gayadhar Panda (i g i t, Sarang, India)	<u>1569644551</u>

Implementation of NARMA-L2 Neuro	Power Electronics	Sudarshan Valluru (Delhi Technological	
202. <u>401</u> controller for Speed Regulation of Series	and Machine	University, India); Madhusudan Singh (Delhi	<u>1569644675</u>
Connected DC Motor	Control	Technological University, India)	
PSO Based Optimal Capacitor 203. 405 Placement in 69 bus RDF system to	Application of Power Electronics	Prakach / K. I. N. College of Hagingering India)	<u>1569644759</u>
maximize annual cost savings	in Power Systems		
PWM Schemes for Average Line to Line 204. 406 Voltage Based Sensorless Control of BLDC Motor	and Machine Control	Satishbabu Bhogineni (Indian Institute of Technology Delhi, India)	1569644771
A Novel Type-2 fuzzy Logic Control of 205. 407 Induction Motor Drive using Scalar Control	Power Electronics and Machine Control	Venkataramana Naik N (Indian Institute of Technology Roorkee, India)	<u>1569644775</u>
Comparison of high frequency signal injection techniques for rotor position estimation at low speed to standstill of PMSM	Power Electronics and Machine Control	Ravikumar A (IIT BOMBAY, India)	<u>1569644777</u>
Probabilistic method for optimal allocation of wind-based distributed generation with Considering Reliability Improvement and Power Loss Reduction	Renewable energy systems	<u>Saeed Hakimi gilani</u> (University of Guilan, Iran); <u>Hossein Afrakhte</u> (Guilan University, Iran); <u>Mojtaba Jabbari ghadi</u> (University of Guilan, Iran)	<u>1569644791</u>
Investigations of Model Order Reduction 208. 411 Techniques for Large Scale Linear Systems		<u>Chandan Kumar</u> (Netaji Subhas Institute of Technology, India); <u>Sk Jha</u> (University of Delhi, India); <u>Prerna Gaur</u> (Netaji Subhas Institute of Technology, Delhi University, India)	<u>1569652051</u>

<sup>\*</sup>Conditional acceptance