

| Sl.No    | Topics  | Field     |
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| PSMPS 1  | Isolated Wind–Hydro Hybrid System Using Cage Generators And Battery Storage   | IEEE 2011 |
| PSMPS 2  | Techno-economic analysis of SVC-HVDC transmission system for offshore wind power  |           |
| PSMPS 3  | Grid Interconnection Of Renewable Energy Sources At The Distribution Level With Power-Quality Improvement Features.     |           |
| PSMPS 4  | A New Approach To Multifunctional Dynamic Voltage Restorer Implementation For Emergency Control In Distribution Systems |           |
| PSMPS 5  | Research On Wind Farm Reactive Power Compensation Capacity And Control Target   |           |
| PSMPS 6  | A Novel Application Of Solar Plant As STATCOM During Night And Day In A Distribution Utility Network.                   |           |
| PSMPS 7  | Flexible D-STATCOM Performance As A Flexible Distributed Generation In Mitigating Faults                                |           |
| PSMPS 8  | Power System Stability Enhancement Using Static Synchronous Series Compensator (SSSC)                                   |           |
| PSMPS 9  | Matrix Converter-Based Unified Power-Flow Controllers: Advanced Direct Power Control Method.                            |           |
| PSMPS 10 | Modeling, Analysis, And Control For The Rectifier Of Hybrid HVDC Systems For DFIG-Based Wind Farms.                     |           |
| PSMPS 11 | Performance Analysis Of LCL T Resonant Converter With Fuzzy PID Controller Using State Space.                           |           |
| PSMPS 12 | Fuzzy Gain Scheduling PI Controller For A Senseless Four Switch Three Phase BLDC Motor.                                 | IEEE2010  |
| PSMPS 13 | Analysis The Design And Simulation Of Fuzzy Logic Controller For Parallel Hybrid Electric Vehicles.                     |           |
| PSMPS 14 | Direct Adaptive Fuzzy Control Of Nonlinear Systems.   |           |
| PSMPS 15 | Transient Analysis And Genetic Algorithms For Classification.   |           |
| PSMPS 16 | Neural –Network-Based Load Modeling And Its Use In Voltage Stability Analysis.  |           |
| PSMPS 17 | Optimal Location Of STRATCOM For Voltage Security Enhancement Via Artificial Intelligent.                               |           |
| PSMPS 18 | Optimal Location Of FACTS Devices In Power System Using Genetic Algorithm.  |           |
| PSMPS 19 | Recent Power Electronics'/Facts Installations To Improve Power System Dynamic Performance.                              |           |
| PSMPS 20 | Using Facts Controllers To Balance Distribution Systems Based ANN.  |           |
| PSMPS 21 | Power Flow Control With Distributed Flexible AC Transmission System (D-FACTS) Devices.                                  |           |
| PSMPS 22 | A Novel Approach For Modeling Of Voltage-Sourced Converter-Based FA CTS Controller.                                     |           |

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| PSMPS 23 | Simulink Models Of Power Electronic Converters For DC Micro Grid Simulation  | IEEE 2009 |
| PSMPS 24 | Economic Load Dispatch – A Comparative Study On Heuristic Optimization Techniques With An Improved Coordinated Aggregation-Based PSO.          |           |
| PSMPS 25 | Transmission Systems Power Quality Monitors Allocation.  |           |
| PSMPS 26 | Multilevel Inverter For Grid-Connected PV System Employing Digital PI Controller.  |           |
| PSMPS 27 | Location Of FACTS Devices On Power System For Voltage Control.   |           |
| PSMPS 28 | A Family Of Isolated Interleaved BOOST AND Buck Converters With Winding-Cross- Coupled Inductors.  |           |
| PSMPS 29 | A New Control Approach For Voltage Quality Improvement In Distribution Power System By Means Of SVC  | IEEE 2008 |
| PSMPS 30 | Design Considerations For Series-Connected Distributed FACTS Converters.   |           |
| PSMPS 31 | Dynamic Characteristic Analysis Of SSSC Based On 48-Pulse Inverter.  |           |
| PSMPS 32 | Performance Comparison Of Distance Protection Schemes For Shunt-FACTS Compensated Transmission Lines.  |           |
| PSMPS 33 | Talking The Experience From Flexible AC Transmission Systems To Flexible AC Distribution Systems.  |           |
| PSMPS 34 | Analysis Of TSR-Based For A Three-Phase System With Static And Dynamic Loads.  |           |
| PSMPS 35 | A New DC Voltage Balancing Method For Cascaded Multilevel Inverter Based STATCOM.  |           |
| PSMPS 36 | Investigation On D-STATCOM And DVR Operation For Voltage Control In Distribution Networks With A New Control Strategy.                         |           |
| PSMPS 37 | Design Of Rough Fuzzy-PI Control To The Rectifier.   |           |
| PSMPS 38 | Evaluation Of The Performance Of Back-Back HVDC Converter And Variable Frequency Transformer For Power Flow Control In A Weak Interconnection. |           |
| PSMPS 39 | Modified Double-Modulation Signal PWN Control For D-STATCOM Using Five-Level Double Converter.   |           |
| PSMPS 40 | A Space Vector Modulated Multi-Module Converter For Back- To-Back HVDC System.   |           |
| PSMPS 41 | Distributed FACTS-A New Concept For Realizing Grid Power Flow Control.   |           |
| PSMPS 42 | State Estimation Of Systems With UPSCS Using The Interior Point Method.  |           |
| PSMPS 43 | Analysis Of SVC And TCSC Controllers In Voltage Collapse.  |           |
| PSMPS 44 | Voltage – Source Matrix Converter As A Controller In Flexible AC Transmission Systems.   |           |
| PSMPS 45 | A Novel Voltage Stabilizer In Power Systems Operation Of The Unified Power Flow Controller As Harmonic Isolator.                               |           |
| PSMPS 46 | FPGA- Implemented Carrier Based SPWM Multilevel Controller   |           |
| PSMPS 47 | Experiment On Fractional Frequency Transmission System.  |           |

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| PSMPS 48 | Facts Control Devices (STSTCOM, SSSC AND UPSC) Reconfiguration Technique By PSIM/MATLAB.    | <b>IEEE 2007</b> |
| PSMPS 49 | Location Of FACTS Devices On Power System For Voltage Control.                              |                  |
| PSMPS 50 | Modeling And Simulation Of SVC & TCSC To Study Their Limits On A Load Ability Point.        |                  |
| PSMPS 51 | Modeling, Analysis And Control Of Unified Power Quality Conditioner.                        |                  |
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| PSMPS 57 | Intelligent Control Of Squirrel Cage Induction Motor Using SCADA, Zigbee & Microcontroller. |                  |
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| PSMPS 63 | Two-Leg Three-Phase Inverter Control For STATCOM And SSSC Applications.                     |                  |