| S.NO | Name of the Authors | Title of the Paper | Name of the Conference | Oraganizer's Name and Place/Publisher name and place | Date of Conference | ISBN No. |
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| 1 | **Syed Rubeena Bi**, Ramireddy Harini, Gavala Kedharnath, Jorige Lakshmi, Kuraku Ajay | Maximizing switching utilization for fast Battery charging in light electric vehicles | International conference on intelligent systems for a sustainable future(ISSF 2026) | SVSVMV,Kanchi puram,India | 16-Jun-26 | 978-94-6239-693-7 |
| 2 | **P. Gopi**, Lokesh Royal Kanthuri, Nithin Reddy Konreddy, Sai Joshna Balla and Madhu priya Kothapalli | A Human-Centric IoT-Based Transformer Safety System with Proximity Detection, Fault Monitoring and Inductive Discharge Protection | 2026 1st International Conference on Artificial Intelligence & Machine Learning in Communication and Power Systems (AIMLCPS) | Berhampur, India | 08-Jun-26 | 979-8-3315-5920-5 |
| 3 | **J.Sreeranganayakulu**,A. Suresh Kumar,**M. Padma Lalitha**,Nimay Chandra Giri,Olena Rubanenko,Oleksander Rubanenko | Remission of Torque Pulsations in Power System Using UPFC Including PI and Fuzzy Controllers | 2026 IEEE 9th International Conference on Energy Smart Systems (ESS) | Kyiv, Ukraine | 01-Jun-26 | 979-8-3195-4201-4 |
| 4 | **B. Anil Kumar** and A. Mogili | Performance Enhancement of Multi-Area System through RDA-Tuned Fractional Order Controller | 2026 IEEE International Conference on Emerging Computing and Intelligent Technologies (ICoECIT) | Hyderabad, India | 05-May-26 | 979-8-3315-8997-4 |
| 5 | N. A. Reddy, Y. B. Kumar, S. D. Bharatula and **P. Bhaskara Prasad** | Intelligent Rail Safe Rover for Real-Time Crack and Obstacle Detection on Railway Tracks | 2026 Contemporary Computing Innovations Conference (CCIC), Tirupati, | Tirupati, India | 30-Apr-26 | 979-8-3195-2966-4 |
| 6 | **G. M. Subahan**, P. Sneha, P. V. Sai, B. Venkata Chandrika and D. S. Prakash | Enhanced Reactive Power Compensation and Voltage Regulation in Power System Using ANN-Controlled Static VAR Compensator | 2026 IEEE International Conference for Convergence in Computing Technology (I3CTCON) | Lonavala, India | 14-Mar-26 | 979-8-3315-7656-1 |
| 7 | Praveen Kumar Reddy.K,**Bala Chennaiah.P** | Implementation of Multi Agent Systems and Script Based Control Strategies for Energy Management of Solar -Wind Based Microgrid | 2026 Second International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI) | Erode, India | 13-Apr-26 | 979-8-3315-6898-6 |

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| 8 | Thomas Thangam, M Tamilarasi, K Barathi, P Malathi, K Sarmila Har Beagam, **K Harinath Reddy** | A Novel Coupled-Inductor-Based Interleaved Boost Converter for Electric Vehicles | Proceedings of International Conference on Power Electronics and Renewable Energy Systems: ICPERES 2024 | Chennai, India | 11-Feb-26 | 978-981-95-0207-3 |
| 9 | Nirmala,Revathi S,Jayashree Ananth S,Suchithra B,**Vijaya Bhaskar K**,Keerthana N V | Advancing a Hybridized Fusion-Based Neural Network Model for Rapid Screening of Parkinson's Disease | 2025 International Conference on Digital Innovations for Sustainable Solutions (ICDISS) | Faridabad, India | 12-Jan-26 | 979-8-3315-5641-9 |
| 10 | C. H. Basha, N. Dharavat, **S. V. Reddy**, M. Padmakar Mohire, K. S. Datta and I. L. Tejashwini | Interleaved and Switching Capacitor Hybrid DC-DC Circuit for Future Hybrid Electric Vehicles: An Experimentation Analysis | 2026 International Conference on Electric Power and Renewable Energy (EPREC), | Durg, India | 02-Jan-26 | 979-8-3315-7204-4 |
| 11 | C. H. Basha, N. Dharavat, **S. V. Reddy**, F. Fathima, M. S. Reddy and H. Rasala | A Novel H2 Source Polymer Material Fuel Stack for Electric Vehicles with MPFNN, P&O, and IC Controllers: A Critical Analysis, | 2026 International Conference on Electric Power and Renewable Energy (EPREC), | Durg, India | 02-Jan-26 | 979-8-3315-7204-4 |
| 12 | C. H. Basha, S. Resmara, **S. V. Reddy** and F. Fathima | A Novel Improvement of Wind Power Supply by Using the RBFN Algorithm | 2025 International Conference on Power Electronics and Energy (ICPEE) | Bhubaneswar, India. | 14-Dec-25 | 979-8-3315-6637-1 |
| 13 | S. Resmara, C. H. Basha, **S. V. Reddy** and F. Fathima | A Novel Improved Adaptive Network-Fuzzy Inference System Approach for Effective Battery Charging Control | 2025 International Conference on Power Electronics and Energy (ICPEE) | Bhubaneswar, India. | 14-Dec-25 | 979-8-3315-6637-1 |
| 14 | C. H. Basha, P. Sadanandam, N. Dharavat, **S. V. Reddy**, K. S. Datta and I. L. Tejashwini | A Novel Rao MPPT Controller for PV Battery Charging-fed Electric Vehicles | 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM) | Bhopal, India | 05-Dec-25 | 979-8-3315-9126-7 |
| 15 | D. Manoj, F. T. Josh, B. P. V and **M. Swathi** | Scalable and Efficient Solution for EV based-Lithium-Ion Battery SOH Estimation through a Novel CatBoost-Enhanced Predictive Analytics | 2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility (RCSM) | Bhopal, India | 05-Dec-25 | 979-8-3315-9126-7 |

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| 17 | **S. Sarada, Ganesh Challa**, Manoj kumar Debnath, Jahnavi Palepu, Ayushi Jain. Sancheti and R. Haritha | Three-Phase Switched-Capacitor Five-Level Inverter for Electric Vehicle Application | 2025 IEEE 5th International Conference on Sustainable Energy and Future Electric Transportation (SEFET) | Jaipur, India | 02-Dec-25 | 979-8-3315-3544-5 |
| 18 | Sasikala S, Sita Devi Bharatula, **P. Bhaskara Prasad** | Digital Twin for Predictive Modelling in Smart Farming based on Ensemble Neural Network Algorithm | 2025 IEEE International Conference on Emerging Trends in Computing and Communication (ETCOM) | SDM Institute of Technology, Ujare,Karnataka,India | 29-Nov-25 | 979-8-3315-8508-2 |
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| 20 | Sujatha. B. G, **N. C. Alluraiah,** Soumya Mishra, **K. Harinathreddy**, Harsha vardhan Kumar. Pujari and V. Nandagopal | Innovative Thermoelectric Generator for Sustainable Energy Harvesting | 2025 9th International Conference on Inventive Systems and Control (ICISC) | Coimbatore, India | 13-Oct-25 | 979-8-3315-1247-7 |
| 21 | **S. Venkateswarlu Reddy, P. Gopi**, C. H. Basha, J. S. Naik, Y. V. Kalyani and A. R. Mogili | Integrated PMU and UPFC Approach for Dynamic Monitoring and Control of Voltage Stability | 2025 Innovations in Power and Advanced Computing Technologies (i-PACT) | Surabaya, Indonesia | 25-Sep-25 | 979-8-3315-7373-7 |
| 22 | **S. V. Reddy, P. Gopi**, C. H. Basha, F. Shaik, J. S. Naik and G. Vyshnavi | Enhancing Disabled Mobility and Health Safety Through Iot-Integrated Smart Wheelchairs | 2025 Innovations in Power and Advanced Computing Technologies (i-PACT) | Surabaya, Indonesia | 25-Sep-25 | 979-8-3315-7373-7 |

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| 23 | **J. Sree Ranganayakulu** | Dual Active Bridge Converter Design and Control for Grid-Tied Inverter, | 2025 6th International Conference on Electronics and Sustainable Communication Systems (ICESC) | Coimbatore, India | 12-Sep-25 | 979-8-3315-5503-0 |
| 24 | **O. Hemakesavulu**, N. S. Rao, G. Srinivas, U. Narender, **M. P. Lalitha** and **S. V. Reddy** | IoT Based Preservative System for Food Grade Item Using PV Technique | 2025 13th International Conference on Smart Grid (icSmartGrid) | Glasgow, United Kingdom | 28-Jul-25 | 979-8-3315-2557-6 |
| 25 | **Padma Lalita M**; **Hemakesavulu O**; Netaji Subhash P; Pavan Kumar K; Naveen K; Naveen K | Prediction of Solar Power Using Machine Learning – Annamacharya University Case Study | 2025 13th International Conference on Smart Grid (icSmartGrid) | Glasgow, United Kingdom | 28-Jul-25 | 979-8-3315-2557-6 |
| 26 | **Baya Reddy Lomada**; V Naga Bhaskar Reddy; Ganga Geethika; Poli Charitha Reddy; Bogasamudram Damodhar Reddy; Kolavala Bhanu Prakash Reddy | A Multi Port Power Converter for Electric Vehicle Applications | 2025 13th International Conference on Smart Grid (icSmartGrid) | Glasgow, United Kingdom | 28-Jul-25 | 979-8-3315-2557-6 |
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| 28 | **S. Sarada, Ganesh Challa,** C. Pallavi, G. M. Prabhanjali, R. Nandini and B. S. Charan | MPC Based Grid-Connected Three-Phase Switched-Capacitor Nine-Level Inverter | 2025 IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3), | Srinagar Garhwal, India | 24-Sep-25 | 979-8-3315-2439-5 |
| 29 | **Ganesh Challa, S. Sarada**, L. Vishnu Vardhan Reddy, K. Sudeepthi, S. Yusuf and K. Sujitha | DQN Based Grid-Connected Single-Phase Inverter | 2025 IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3), | Srinagar Garhwal, India | 24-Sep-25 | 979-8-3315-2439-5 |

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| 31 | **P. Balachennaiah, M. Padma Lalitha**, S. Kalimulla, Manikanta S. Rishendra, M. Pavankalyan | Analysis and Design of Fixed-Frequency Control for Solar Applications using Phase-Shift Full-Bridge (PSFB) Resonant Power Converter | Advanced Pathways in Electrical, Communication, and Automation Reconfigurable Systems, Smart Energy, and AI for Industry 5.0 | CRC Press, Londen | 12-May-26 | 9781003773962 |
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| 33 | **Baya Reddy Lomada**, B. Sreenivasulu, Anwar Bhasha Pattan, Mudassir Khan, Shaik Karimullah | Intelligent Blood Bank Management Using Internet of Things for Enhanced Healthcare Delivery | Integration of Internet of Things and Machine Learning | CRC Press, Londen | 19/2/2026 | 9781003634768 |
| 34 | **Arun Kumar Thulasi**, V. Suryanarayana Reddy, P. Dhana Selvi, G. V. Narayana and Gayathri Pedda | . Sustainable Microgrid Operations through Renewable Energy and Electric Vehicle Integration Using MPPT Techniques | Advanced Pathways in Electrical, Communication, and Automation Reconfigurable Systems, Smart Energy, and AI for Industry 5.0 | CRC Press, Londen | 12-May-26 | 9781041302971 |
| 35 | **P.Balachennaiah, Padma Lalitha**, S. Varalakshmi, K. Vasudeva Reddy, L.Tejasri and B. Soma Sekhar | IoT Cloud-Based Smart Metering System for Dynamic Energy Consumption Analysis | Advanced Pathways in Electrical, Communication, and Automation Reconfigurable Systems, Smart Energy, and AI for Industry 5.0 | CRC Press, Londen | 12-May-26 | 9781041302971 |

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| 36 | **M. Sai Sandeep**, N. Muraly, G. Balakrishna, I. Kumaraswamy and M. Pala Prasad Reddy | Design and Fabrication of Solar Powered E-bike for Sustainable Green Transportation | Advanced Pathways in Electrical, Communication, and Automation Reconfigurable Systems, Smart Energy, and AI for Industry 5.0 | CRC Press, Londen | 12-May-26 | 9781041302971 |
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| 38 | **M. Swetha**, K. Susmitha, C. Sairam, V. VenkataTeja, B. Sravani | Design and simulation of dual active bridge converter for EV battery charging applications | Synergies in Smart and Virtual Systems Using Computational Intelligence | Taylor & Francis | 22-Oct-25 | 9781003685364 |
| 39 | **Bi. Syed Rubeena**, K. Jeevana Rekha, K. Govardhan Reddy, D. Dileep Kumar, J. Deva Nandini | Dual source novel nine level inverter design with trinary geometric DC links to produce highest output voltage levels | Advancing Innovation through AI and Machine Learning Algorithms | CRC Press, Londen | 10-Oct-25 | 9781003684589 |
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| 43 | **Suresh Babu Palepu**, Vijaya Gangadhar Reddy Boreddy, Hema Sainath Reddy Chimala, Vilasith Das David, Vinay Chakali, Md Enamul Haque | Multi-objective ant nesting algorithm strategy for phasor measuring unit placement that maximizes power system state estimation | Sustainable Electrical Engineering and Intelligent Systems | CRC Press, Londen | 10-Sep-25 | 9781003643142 |
| 44 | **Suresh Babu Palepu**, Akhila Yatham, Jahnavi Pattur, Hari Kothapalli, Ashok Gundlapalli, Md. Enamul Haque | Optimal PMU placement for power system observability considering voltage stability constraints using artificial protozoa optimizer algorithm | Sustainable Electrical Engineering and Intelligent Systems | CRC Press, Londen | 10-Sep-25 | 9781003643142 |
| 45 | Pujari Harish Kumar, **N. Chinna Alluraiah**, Kumar P. Sunil, Soumya Mishra, K. G. Nagraja, G. Rashmi | Techno-Economic Analysis and Optimization of an Off-Grid Hybrid Systems for Sustainable Energy Solutions | Power Energy and Secure Smart Technologies | CRC Press, Londen | 16-Jul-25 | 9781003661917 |