

Technical Papers Published in Springer Journal

S.No	Title of Technical Paper	Author Name	Organisation Name
1	Forecasting Short Term Peak Loads of Distribution Transformers (DT) Customers using Machine Learning and Computational Statistics: Various Methodologies and their Pros and Cons	Arghya Roy	India Power Corporation Limited
2	Modular Microgrid Controller on OpenFMB Standard	Bailapudi Mohan Pavan Kumar	Amzur Infotech.
3	Co-Ordination Control of Hybrid AC/DC Micro Grid using High Frequency Transformer	Baskaran K	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
4	Stop "Rooftop Solar Projects with Net-Metering" switch to "Virtual Rooftop Solar Power Projects"	Dr. Ajay Chandak	IIT Bombay
5	Smart Battery Management System for Enhancing Smart Micro Grid Performance and Energy Management	Dr.Rashi Gupta	Vision Mechatronics Pvt Ltd
6	Electric/ H2 Vehicle With Renewable Energy Grid for Himalayan Region	Dr. S. P. Sharma	NTPC Ltd.
7	Analysis of Impact of EVs Penetration on Indian Distribution Network	Gajendra Malviya	Indian Institute of Technology Bombay
8	Global System of Record and Framework to Preserve Energy Consumption with Blockchain	Gidean Bandaru	Fluentgrid Ltd.
9	Impacts of Electric Vehicle Charger on the Power Grid	Jaya Mane	K.K.W.I.E.E.R, Nashik
10	Unmanned Substation-A Case Study	L N Mishra	Adani Transmission
11	Performance Evaluation of Electric Vehicle using Hybrid Energy Storage System	Minal R. Rade	K.K.Wagh Institute of Engineering Education and Research, Nashik
12	A Proposed System for Electric Vehicle Charging Infrastructure	Moreshwar Salpekar	Boson Motors Pvt Ltd
13	Automating Battery Management System and Billing using Machine Learning	Moreshwar Salpekar	Boson Motors Pvt Ltd
14	Consumer Perspectives on Electric Vehicle Infrastructure In India: Survey Results	Mr. Srinivas Cherla	Indian Institute of Management- Ahmedabad, India
15	Pumped Hydro Storage Technology as Energy Storage and Grid Management Element for Renewable Energy Integration In Karnataka	Nagarjun Y	Karnataka Power Corporation Limited
16	Role of Power Utility in the Future of E Mobility In India	Nushreen Ahmed	Tata Power Company Ltd
17	Design and Development of PV/FC based Integrated Multilevel Inverter for Smart Grid	P.S.Suvetha	SSN College of Engineering

18	Energy Storage Technologies: Past, Present and Future	Pruthiraj Swain	ABB India Limited
19	Flexible Generation & Load for Large Integration of Renewable Generation into the Grid	Rishika Sharan	Central Electricity Authority
20	3D Zinc Sponge Battery Technology in Mobile and Stationary Energy Storage Applications- It's advantages when compared with lead acid and lithium-ion	Sauman Das Gupta	Indian School of Innovation In Sustainability (Insist)
21	Planning of Charging Infrastructure for Electric Public Bus Fleets In Indian Cities	Shyamasis Das	Alliance for An Energy Efficient Economy (AEEE)
22	Utility Command and Control Centre as a Platform for Utilities Transformation	Sudheer Polavarapu	Fluentgrid Ltd.
23	EVs as Virtual Power Plants	Susheem Pandey	Orion Power Dhaka Limited
24	Smart Street Lighting	Vijay Barve	Tata Consulting Engineers Ltd
25	Smart Street Light Controller with Human Security System for Solar Based Street Lights	Vinothkumar.N	Kumaraguru College of Technology
26	Cyber Physical Security of the Critical Infrastructure	Aamir Hussain Khan	Tata Power Delhi Distribution Ltd.
27	Roll-Out Strategy for Smooth Transition of Traditional Meters to Smart Meters	Dharmendra Kumar and Aamir Hussain Khan	Tata Power Delhi Distribution Ltd.
28	Pan Asia Grid Interconnection Project (PAGIP)	S. K. Ray and Shuvam Sarkar Roy	ISGF