



# SPICON 2022

SERB, AICTE, CSIR, IIT Bombay Chapter, Turnitin and Apex Subscription

Sponsored

**Sardar Patel International Conference**

on

**“Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative”**

## Track – ELECTRICAL ENGINEERING

### Session Schedule

- Session Number: **S16/5 – E1**
- Date: 22/12/2022
- Time: **2.00 to 3.00 pm**
- Type of Session: **Online**
- Track: **Electrical Engineering**
- Venue / Link: Room No. 234 / <https://meet.google.com/sva-ptap-ujw?authuser=0&pli=1>

Sr. No.	Paper ID	Authors	Title
1	773	Peter Miryala and T Hari Priya	Energy Management with a Hybrid Energy Storage System in a DC Microgrid
2	1781	Poonam Juneja, Prof. Rachana Garg and Prof Parmod Kumar	Reliability and Sensitivity Characterization of Phasor Measurement Unit
3	9720	Pranav Andhalkar and Vishal Dake	Electrical Vehicle charging station and monitoring its parameter through IOT
4	3930	Akhil Kottola, Rami Reddy Ch, Kondalu Rao M, Ch Naga Sai Kalyan, P Srinivasa Varma and B Nagi Reddy	Energy Management of Hybrid power generation with ANFIS controller
5	4171	Roopa Sree Varikuti, Dr.J Bhavani and Dr.T Nireekshana	Design of Off Board Charger with Interleaved Full-Bridge LLC Converter for Electric Vehicle Applications



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## Track – ELECTRICAL ENGINEERING

### Session Schedule

- Session Number: **S17/3 – E2**
- Date: 22/12/2022
- Time: **2.00 to 3.00 pm**
- Type of Session: **Offline**
- Track: **Electrical Engineering**
- Venue / Link: Room No. 252

Sr. No.	Paper ID	Authors	Title
1	5017	Sumbul Hasan, Himanshu Bahirat and Prashant Navalkar	A Statistical Method for Sizing Storage for Large Wind Farms
2	6660	Prajakta Joshi and Anupa Sabnis	Protection Of Solar PV Connected Distribution and Transmission Networks: A Review
3	9236	Mandar Vardam, Ayush Mishra and Jayant Shete	A Review: Comparison of the different MPPT algorithms for efficient power transmission by the PV system



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## Track – ELECTRICAL ENGINEERING

### Session Schedule

- Session Number: **S18/6 – E3**
- Date: 22/12/2022
- Time: **3.00 to 4.00 pm**
- Type of Session: **Online**
- Track: **Electrical Engineering**
- Venue / Link: Room No. 234 / <https://meet.google.com/sva-ptap-ujw?authuser=0&pli=1>

Sr. No.	Paper ID	Authors	Title
1	5478	Pradnya Gokhale and B.R. Patil	Renal Pelvic Ureteric Junction Obstruction (PUJ)-A Correlative Study of Renal Tracer Parameters Using <sup>99m</sup> Tc-DTPA
2	5481	Haripriya T, Ganesh Babu B and Poonam Upadhyay	GIS Based Transmission System Planning
3	6193	Uday Salikanti, Rami Reddy Ch and Kondalu M	Grid Interactive Solar PV Based Water Pumping Using BLDC Motor
4	9567	Rushali Kapse and Vinod K Chandrakar	Security Improvement Using SVC With Tuned PSS
5	5378	Sidharth Dhamankar and Nandkishor Kinhekar	Modelling of Grid Connected PV/Wind Hybrid with Reactive Power Control



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## Track – ELECTRICAL ENGINEERING

### Session Schedule

- Session Number: **S19/6 – E4**
- Date: 22/12/2022
- Time: **4.15 to 5.15 pm**
- Type of Session: **Online**
- Track: **Electrical Engineering**
- Venue / Link: Room No. 234 / <https://meet.google.com/sva-ptap-ujw?authuser=0&pli=1>

Sr. No.	Paper ID	Authors	Title
1	3083	Aditya Kadam and Vishal Dake	Modelling & Analysis of Solid-State Transformer for Integration of Renewable Energy Sources to The Grid
2	4944	Antro Hanson Nadar and Vishal Dake	Charging Station for Electric Vehicles using Hybrid Sources
3	1991	Shreyas Patil, Sangeeta Daigade, Badrinarayan Pimple	Simulation and Analysis of three phase grid connected PV system Via Interleaved boost converter
4	9958	Pooja Chaurasiya and Swati Lavand	Power System Oscillation Modes identification using TLS-ESPRIT and optimization of its parameters
5	2174	Abhishek Bhatkar and Badrinarayan Pimple	Analysis of Fast Charging Techniques using Buck Converter
6	7792	Vaishnavi Kadiyala, Dude Sai Nandini, Bobbili Ekshitha Sai, Bavisetty Raga Chandrika and Motepalli Siva Rama Ganesh	A Prototype of RTC Based Automated Farming
7	6395	Motepalli Siva Rama Ganesh and S Sasikumar	A Prototype of Solar-Based Electric Vehicle - Design and Development