

Programme Schedule

Day 1: 08.10.2021 (Friday)

Track 1: Power and Energy Systems

Time	Programme Schedule	
9:30 AM – 10:30 AM	Inaugural Session (MS Teams Link - https://bit.ly/3CVOzjF)	
MS Teams Link for FN session	https://bit.ly/3uu4ym7	
	PID	Paper Title
11:20 AM – 11:30 AM	62	Automation In Utilization And Control Of Electricity
11:30 AM – 11:40 AM	76	Performance Enhancement Of Electric Vehicle (Ev) Charging System Using Battery Cell Reconfiguration
11:40 AM – 11:50 AM	94	Evaluating The Crucial Qualities Of Hybrid Esters For Transformer Applications
11:50 AM – 12:00 PM	130	Comparitive Stability Analysis Of Agc And Facts Controllers In An Interconnected Power System
12:00 PM – 12:10 PM	138	A Bridge Type Dc-Dc Converter Fed Bldc Motor Drive For Household Appliances
12:10 PM – 12:20 PM	157	Solar Grass Cutter With Water Spraying Vehicle
12:20 PM – 12:30 PM	171	A Comprehensive Review On Generation Of Electricity From Industrial Noise
12:30 PM – 12:40 PM	172	Online Monitoring And Management Module For Threephase Distribution System Using Labview
1:00 PM – 1:40 PM	Lunch Break	
1:40 PM – 2:00 PM	Keynote Address: Dr. Umashankar Subramaniam, Associate Professor, Engineering - Communications and Networks, Prince Sultan University, Saudi Arabia	
MS Teams Link for Keynote session	https://bit.ly/3kQCrKN	
MS Teams Link for AN session	https://bit.ly/3uu4ym7	
2:00 PM – 2:10 PM	176	A Literature Review: Different Leakage Reduction Techniques For Cmos Circuits
2:10 PM – 2:20 PM	203	Smart Water Billing System For Apartments
2:20 PM – 2:30 PM	220	Power Conversion In Pmsg Wind Energy Conversion Systems Using Trans Z Source Inverter

**2021 International Conference on Advancements in Electrical Electronics Communication Computing and Automation (ICAECA).
Kumaraguru College of Technology,
Coimbatore – 641049, Tamilnadu, India.**



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2:30 PM – 2:40 PM	223	Design And Simulation Study Of Grid Associated Photovoltaic Framework Using Pvsyst Software
2:40 PM – 2:50 PM	245	Improvement In Voltage Stability By Optimal Location And Sizing Of Hybrid Energy Sources By Genetic Algorithm
2:50 PM – 3:00 PM	264	A Study Of Commonly Observed Degradation Methods In Photovoltaic Modules
3:00 PM – 3:10 PM	276	Analysis On The Impacts Of Light Emitting Diodes In Power System Using Fluke 430-Ii D Power Quality Analyser
3:10 PM – 3:20 PM	282	Design And Implementation Of A Novel Low-Cost Self-Powered Weather Monitoring Station
3:20 PM – 3:30 PM	286	Design And Implementation Of A Smart Grid Switching System For Hybrid Energy System
3:30 PM – 3:40 PM	297	Implementation Of Boosting Algorithms In Diagnosing Brb Fault With Various Loading Conditions
3:40 PM – 3:50 PM	313	A Novel Approach For Overload And Short Circuit Protection System
3:50 PM – 4:00 PM	340	Smart Grid Power Theft And Fault Detection Using Iot And Blockchain
4:00 PM – 4:10 PM	354	Remote Power Theft Monitoring Using Iot
4:10 PM – 4:20 PM	367	Design And Simulation Of Dc-Dc Boost And Sepic Converters Using Mppt For Photovoltaic System Using Matlab/Simulink
4:20 PM – 4:30 PM	375	A Brief Review On Optimization Techniques For Smart Grid Operation And Control
4:30 PM – 4:40 PM	376	Multi Level Inverter And Its Applications - An Extensive Survey

Day 2: 09.10.2021 (Saturday)

Time	Programme Schedule	
MS Teams Link for FN session	https://bit.ly/3uu4ym7	
10:00 AM – 10:10 AM	377	Design And Implementation Of An Intelligent Energy Conversion System
10:10 AM – 10:20 AM	388	Solar Fed Dc Home With Conventional Backup
10:20 AM – 10:30 AM	404	A Review On Renewable Energy Based Self-Healing Approaches For Smart Grid
10:30 AM – 10:40 AM	411	Implementation Of Synchronous Reference Frame Theory For Harmonic Reduction In Computer Loads
10:40 AM – 10:50 AM	422	Implementation Of Instantaneous Symmetrical Component Theory Based Hysteresis Controller For Dstatcom
10:50 AM – 11:00 AM	447	A Sustainable Approach For The Use Of Perovskite In Photovoltaics By Reduction Or Elimination Of Toxic Lead
11:00 AM – 11:10 AM	Break	
11:10 AM – 11:20 AM	481	Automated Electrical Distribution Network System Using Arduino And GSM
11:20 AM – 11:30 AM	489	Thermal Two Resistance- Capacitance Modelling Of Lithium Battery Cell Using Discrete Distributions
MS Teams Link for AN session	https://bit.ly/3uu4ym7	
2:00 PM – 2:10 PM	543	Load Management Strategy In A Dc Microgrid
2:10 PM – 2:20 PM	547	A Review Of Renewable Energy Finance In Africa
2:20 PM – 2:30 PM	549	A review of renewable energy resources. Its potentials, benefits, and challenges in south sudan
2:30 PM – 2:40 PM	554	Solar Powered Iot Based Smart Solid Waste Management System
2:40 PM – 2:50 PM	568	Intelligent Battery Management System
2:50 PM – 3:00 PM	578	An Efficient Model Predictive Control Method For Real-Time Complex Nonlinear Systems
3:00 PM – 3:10 PM	587	Wind Resource Assessment Using Improved Mixture Weibull Distribution
4:30 PM – 5:00 PM	Closing Remarks (MS Teams Link - https://bit.ly/3CVOzjF)	