

S.No.	Name of Applicant	Department Name	Category of Applicant	Title of Paper	Category of Award	Eligible/not eligible	Remark if not eligible
1	Dr. Mayank Kumar	Electrical Engineering	Faculty	Time-Domain Characterization and Detection of Open-Circuit Faults for the H-Bridge Power Cell	B	Eligible	
2	Dr. Aakash Kumar Seth	Electrical Engineering	Student	Modified repetitive control design for two stage off board Electric Vehicle charger	C	Eligible	
3	Dr. Rajesh Kumar	Electrical Engineering	Faculty	A Lyapunov-stability-based context-layered recurrent pi-sigma neural network for the identification of nonlinear systems	C	Eligible	
4	Bandana	Electrical Engineering	Student	A new intelligent approach for size optimization of a renewable energy based grid connected hybrid energy system	C	Eligible	
5	ANKITA ARORA	Electrical Engineering	Faculty	Design and analysis of Quadratic Bernstein Functional Blending Neural Network for shunt compensation and Phase Locked Loop	C	Eligible	
6	Praveen Bansal	Electrical Engineering	Student	Nonlinear adaptive normalized Huber control algorithm for 5-level distribution static compensator	C	Eligible	
7	RAVI CHOUDHARY	Electrical Engineering	Student	Cascade FOPI-FOPTID controller with energy storage devices for AGC performance advancement of electric power systems	C	Eligible	
8	Rupam Singh	Electrical Engineering	Student	Evolving Intelligent System for trajectory tracking of Unmanned Aerial Vehicles	B	Eligible	

9	Rupam Singh	Electrical Engineering	Student	Adaptive control using stochastic approach for unknown but bounded disturbances and its application in balancing control	C	Eligible	
10	Dr. Chaudhry Indra Kumar	Electrical Engineering	Faculty	Design of highly reliable radiation hardened 10T SRAM cell for low voltage applications	C	Eligible	
11	Hemant Saxena	Electrical Engineering	Student	PV integrated grid synchronization technique using modified SOGI-FLL and zero-crossing detector	C	Eligible	
12	Dr. Astitva Kumar	Electrical Engineering	Student	A New Approach to Design and Optimize Sizing of Hybrid Microgrids in Deregulated Electricity Environment	C	Eligible	
13	Prof. Narendra Kumar II	Electrical Engineering	Faculty	Design and Analysis of Nonlinear Controller for a Standalone Photovoltaic System Using Lyapunov Stability Theory	B	Eligible	
14	Neha Khanduja	Electrical Engineering	Student	Hybrid State of Matter Search Algorithm and its Application to PID Controller Design for Position Control of Ball Balancer System	C	Eligible	
15	Ajishkek Raj	Electrical Engineering	Student	Extension of recently proposed two-CFOA-GC all pass filters to the realisation of first order universal active filters	C	Eligible	
16	Ajishkek Raj	Electrical Engineering		New Very-Low-Frequency Third-Order Quadrature Sinusoidal Oscillators Using CFOAs	C	Eligible	

17	Data Ram Bhaskar	Electrical Engineering	Faculty	Three new CFOA-based SIMO-type universal active filter configurations with unrivalled features	C	Eligible	
18	Data Ram Bhaskar	Electrical Engineering	Faculty	OTRA-based positive/negative grounded capacitance multiplier	C	Eligible	
19	Data Ram Bhaskar	Electrical Engineering	Faculty	Single operational transresistance amplifier-based grounded resistance-controlled synthetic inductor configuration	C	Eligible	
20	Data Ram Bhaskar	Electrical Engineering	Faculty	CFOA-based simple mixed-mode first-order universal filter configurations	C	Eligible	
21	Data Ram Bhaskar	Electrical Engineering	Faculty	Novel current feedback operational amplifier-based configuration that realizes a single-input multiple-output-type universal active filter and a single-resistance-controlled oscillator	C	Eligible	
22	Shubham Gupta	Electrical Engineering	Student	Optimal Allocation of Capacitors in Radial Distribution Networks Using Shannon's Entropy	B	Eligible	
23	SAURABH MISHRA	Electrical Engineering	Faculty	Driving Cycle Based Modelling and Control of Solar-Battery fed Reluctance Synchronous Motor Drive for Light Electric Vehicle with Energy Regeneration	B	Eligible	
24	Dr. Monika Verma	Electrical Engineering	Student	Application of hybrid metaheuristic technique to study influence of core material and core trench on performance of Surface Inset PMSM	C	Eligible	

25	Vinod Kumar Yadav	Electrical Engineering	Faculty	A novel reconfiguration technique for improvement of PV reliability	C	Eligible	
26	AVDHESH KUMAR	Electrical Engineering	Student	Performance improvement of grid-integrated PV system using novel robust least mean logarithmic square control algorithm	C	Eligible	
27	Rupam singh	Electrical Engineering	student	Reinforcement learning based model-free controller for feedback stabilization of robotic system	B	Eligible	
28	Astitva kumar	Electrical Engineering	Student	A hybrid optimization technique for proficient energy management in smart grid environment	C	Eligible	
29	Neha Khanduja	Electrical Engineering	student	Chaotic state of matter search with elite opposition based learning : A new hybrid meta heuristic algorithm	C	Not Eligible	Publihsed in 2023
30	Prof. Alka singh	Electrical Engineering	faculty	PV integrated grid synchronization technique using modified SOGI-FLL and zero- crossing detector	C	Eligible	
31	Amanendra pandey	Electrical Engineering	Student	SWRDFT Controller for single phase grid tied PV system with low voltae ride through capability	C	Not Eligible	Published in 2023
32	Amanendra pandey	Electrical Engineering	Student	Laguerre polynomial function-based inverter control with low-voltage ride-throuh capabilities	c	Not Eligible	Volume and pagination I 2023
33	Upma singh	Electrical Engineering	Student	Analysis of wind turbine dataset and machine learning based forecasting in SCADA System	c	Not Eligible	volume number and pagination not mentioned

34	Kanchan bala rai	Electrical Engineering	Student	Design and analysis of hermite function based artificial neural network controller for performance enhancement of photovoltaic-integrated grid system	C	Not Eligible	volume number and pagination not mentioned
35	Vivek saxena	Electrical Engineering	Student	An extensive data based Assesment of optimization techniques for DG allocation conventional to modern	c	Not Eligible	volume number and pagination not mentioned
36	Ravi choudhary	Electrical Engineering	Student	Cascade FOPI-FOPTID controller with energy storage devices for AGC performance advancement of electric power systems	C	Eligible	