

S.No.	Name of Applicant	Department Name	Category of Applicant	Title of Paper	Category of Award	Prize money / Certificate	Total Money	Allocated Money	Principle Author	Co-Authors			
1	Dr. Mayank Kumar	Electrical Engineering	Faculty	Time-Domain Characterization and Detection of Open-Circuit Faults for the H-Bridge Power Cell	B	Prize money for Mayank Kumar	100000	100000	100000 to Mayank kumar				
2	Dr. Aakash Kumar Seth	Electrical Engineering	Student	Modified repetitive control design for two stage off board Electric Vehicle charger	C	Prize money for Akash kumar Seth & Mukhtiar Singh	50,000	50,000	25000 to Akash Kumar Seth	25000 to Mukhitiya r singh			
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	prize money for Rajesh kumar	50,000	50000	50000 to Rajesh kumar				
4	Bandana	Electrical Engineering	Student	A new intelligent approach for size optimization of a renewable energy based grid connected hybrid energy system	C	Prize money for Bandana & M.Rizwan	50,000	33,333	16666.67 to Bandana	16666.67 to M.Rizwan			

5	ANKITA ARORA	Electrical Engineering	Faculty	Design and analysis of Quadratic Bernstein Functional Blending Neural Network for shunt compensation and Phase Locked Loop	C	Prize money for Ankita arora & Alka singh	50,000	50000	25000 to Ankita arora	25000 to Prof. Alka singh			
6	Praveen Bansal	Electrical Engineering	Student	Nonlinear adaptive normalized Huber control algorithm for 5-level distribution static compensator	C	Prize money for Parveen bansal & Alka singh	50,000	50000	25000 to Praveen bansal	25000 to Alka singh			
7	RAVI CHOUDHARY	Electrical Engineering	Student	Cascade FOPI-FOPTID controller with energy storage devices for AGC performance advancement of electric power systems	C	Prize Money for Ravi choudhary & Prof.J.N.Rai	50,000	33333.33	25000 to Ravi chudhary	8333.333 to J N Rai			
8	Rupam Singh	Electrical Engineering	Student	Evolving Intelligent System for trajectory tracking of Unmanned Aerial Vehicles	B	Prize money for Rupam singh & Bharat bhushan	100,000	100000	50000 to Rupam singh	50000 to Bharat bhushan			

9	Rupam Singh	Electrical Engineering	Student	Adaptive control using stochastic approach for unknown but bounded disturbances and its application in balancing control	C	Prize money for Rupam Singh & Bharat bhushan	50,000	50000	25000 to Rupam Singh	25000 to Bharat bhushan			
10	Dr. Chaudhry Indra Kumar	Electrical Engineering	Faculty	Design of highly reliable radiation hardened 10T SRAM cell for low voltage applications	C	Prize money for Chaudhary Indra Kumar & Raghav shekhar	50,000	50000	25000 to Chudhary Indra Kumar	25000 to Raghav Shekhar			
11	Dr. Astitva Kumar	Electrical Engineering	Student	A New Approach to Design and Optimize Sizing of Hybrid Microgrids in Deregulated Electricity Environment	C	Astitva kumar & M.Rizwan& Uma Nangia	50,000	50000	16666.67 to Astitva kumar	16666.67 to M. Rizwan	16666.67 to Uma nangia		
12	Prof. Narendra Kumar II	Electrical Engineering	Faculty	Design and Analysis of Nonlinear Controller for a Standalone Photovoltaic System Using Lyapunov Stability Theory	B	Prize money for Narendra kumar II & Aman Sharma	100,000	100000	50000 to Nrendra kumar II	50000 to Aman sharma			

13	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	Prize money for Neha khanduja & Bharat bhushan	50,000	50000	25000 to Neha khanduja	25000 to Bharat bhushan			
14	Ajishek Raj	Electrical Engineering	Student	Extension of recently proposed two-CFOA-GC all pass filters to the realisation of first order universal active filters	C	Prize money for Ajishek raj & Pragati kumar Certficate for Data ram bhaskar	50,000	37,500	12500 to Ajishek raj	Certificate Data ram bhaskar	12500 to Pragati kumar		
15	Ajishek Raj	Electrical Engineering		New Very-Low-Frequency Third-Order Quadrature Sinusoidal Oscillators Using CFOAs	C	Prize money for Ajishek raj & Pragati kumar Certficate for Data ram bhaskar	50,000	37,500	12500 to Ajishek raj	certificate Data ram bhaskar	12500 to Pragati kumar		
16	Data Ram Bhaskar	Electrical Engineering	Faculty	Three new CFOA-based SIMO-type universal active filter configurations with unrivalled features	C	Prize money for Data ram bhaskar & Ajishek raj	50,000	33,333	25000 to Data ram bhaskar	8333.333 to Ajishek raj			
17	Data Ram Bhaskar	Electrical Engineering	Faculty	OTRA-based positive/negative grounded capacitance multiplier	C	Prize money for Data ram bhaskar, Garima & Pragati kumar	50,000	50,000	33333.334 to Data ram bhaskar	8333.333 to Garima	8333.333 to Pragati kumar		

18	Data Ram Bhaskar	Electrical Engineering	Faculty	Single operational transresistance amplifier-based grounded resistance-controlled synthetic inductor configuration	C	Prize money for Data ram bhaskar & Garima certfcate to Pragati kumar	50,000	500,000	33333.334	8333.333	certificate to pragati kumar		
19	Data Ram Bhaskar	Electrical Engineering	Faculty	CFOA-based simple mixed-mode first-order universal filter configurations	C	Certificate For Data ram bhaskar			Certificate to Data ram bhaskar				
20	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	Certificate For Data ram bhaskar			Certificate to Data ram bhaskar				
21	Shubham Gupta	Electrical Engineering	Student	Optimal Allocation of Capacitors in Radial Distribution Networks Using Shannon's Entropy	B	Prize money for Shubham gupta, Vinod Kumar yadav & Madhusudan singh	100,000	100,000	33333.33	33333.33	33333.33		
22	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		100000	25000	25000				

23	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	Prize money for Monika verma , Mini sreejeth & Madhusudan singh	50,000	50,000	33333.34 to Monika verma	8333.333 to Mini sreejith	8333.333 to Madhusudan singh		
24	Vinod Kumar Yadav	Electrical Engineering	Faculty	A novel reconfiguration technique for improvement of PV reliability	C	Prize money for vinod kumar yadav , Abhishek yadav , Aradhya mittal, Nadeem Hussain Wazir & shubham gupta	50,000	31250	6250 to Vinod kumar yadav	6250 to abhishek yadav	6250 to Aradhya mittal	6250 to Nadeem Hussain Wazir	6250 to shubham gupta
25	AVD HESH KUMAR	Electrical Engineering	Student	Performance improvement of grid-integrated PV system using novel robust least mean logarithmic square control algorithm	C	Prize money for Avdesh kumar , Rachna garg & Priya Mahajan	50,000	50000	16666.67 to Avdesh kumar	16666.67 to Rachna garg	16666.67 to Priya mahajan		
26	Rupam singh	Electrical Engineering	student	Reinforcement learning based model-free controller for feedback stabilization of robotic system	B	Prize money for Rupam singh & Bharat bhushan	100,000	100000	50000 to Rupam singh	50000 to Bharat bhushan			
27	Astitva kumar	Electrical Engineering	Student	A hybrid optimization technique for proficient energy management in smart grid environment	C	Prize money for Astitva kumar , M Rizwan & Uma nangia	50,000	50000	16666.667 to Astitva kumar	16666.667 to M. Rizwan	16666.667 to Uma nangia		

28	Prof. Alka singh	Electrical Engineering	faculty	PV integrated grid synchronization technique using modified SOGI-FLL and zero- crossing detector	C	Prize money for Alka singh	50,000	37500	12500	12500	12500		
29	Upma singh	Electrical Engineering	Student	Enhancing wind power forecasting from meteorological parameters using machine learning models	c	Prize money for Upma singh & Certificate for M.Rizwan	50000	25000 to Upma Singh	Certificate to M. Rizwan				