

S.No.	Name of Applicant	Department Name	Category of Applicant	Title of Paper	Category of Award	Total money	Total money after deducting external	Money to principal author	Money to co-author 1	Money to co-author 2	Money to co-author 3	Money to co-author 4	REMARKS
1	Garima Singh	Electronics & Communications	student	Development of a Mathematical Model for Multi-user Coded-Cooperation Based Cognitive Radio System and Its Outage Probability Analysis	C	50,000	50,000	25,000 for Garima Singh	25,000 for Gurjit Kaur	NA	NA	NA	PRIZE MONEY
2	Garima Singh	Electronics & Communications	student	Modeling and Simulation of Molecular Communication Based Nanonetwork Using Finite Shaped Spherical Receiver	C	50,000	50,000	25,000 for Garima Singh	certificate only for Gurjit Kaur	NA	NA	NA	PRIZE MONEY for Garima Singh and certificate only for Gurjit Kaur
3	ANURAG CHAUHAN	Electronics & Communications	Faculty	First-Principles Study of Enhanced Absorption in Van der Waals Heterostructure of MoS ₂ /Cd _{0.90} Zn _{0.10} Te _{0.93} Se _{0.07} in the Visible Region	C	50,000	50,000	37,500 for Anurag Chauhan	12,500 for Prateek Tomar	NA	NA	NA	PRIZE MONEY
4	Sudarshan Kumar	Electronics & Communications	Student	Design and analysis of sinusoidally modulated substrate integrated waveguide and filter	C	50,000	50,000	25,000 for Sudarshan Kumar	25,000 for Asok De	NA	NA	NA	PRIZE MONEY
5	Snehlata Yadav	Electronics & Communications	Student	Junctionless Accumulation Mode Ferroelectric FET (JAM-FE-FET) for High Frequency Digital and Analog Applications	C	50,000	50,000	16,666.67 for Snehlata Yadav	16,666.67 for Prof. Rajeshwari Pandey	16,666.67 for Sonam Rewari	NA	NA	PRIZE MONEY
6	Dr Gaurav Saxena	Electronics & Communications	Student	Four-element pentaband MIMO antenna for multiple wireless application including dual-band circular polarization characteristics	C	50,000	33,333.34	16,666.67 for Gaurav Saxena	16,666.67 for Priyanka Jain	NA	NA	NA	PRIZE MONEY
7	Damyanti Singh	Electronics & Communications	Student	A Novel Low-Power Nonvolatile 8T1M SRAM Cell	C	50,000	33,333.34	16,666.67 for Damyanti Singh	certificate only for Neeta Pandey	NA	NA	NA	PRIZE MONEY for Damyanti Singh and certificate only for Neeta Pandey

8	Damyanti Singh	Electronics & Communications	Student	A novel read decoupled 8T1M nvSRAM cell for near threshold operation	C	50,000	33,333.34	16,666.67 for Damyanti Singh	certificate only for Neeta Pandey	NA	NA	NA	PRIZE MONEY for Damyanti Singh and certificate only for Neeta Pandey
9	KRITI SUNEJA	Electronics & Communications	Faculty	Systematic Realization of CFOA Based Rössler Chaotic System and Its Applications	C	50,000	50,000	16,666.67 for Ms. Kriti Suneja	16,666.67 for Prof. Rajeshwari Pandey	certificate only for Neeta Pandey	NA	NA	PRIZE MONEY for Ms. Kriti Suneja, Prof. Rajeshwari Pandey and certificate only for Neeta Pandey
10	Sachin Taran	Electronics & Communications	Faculty	Sleep apnea detection using electrocardiogram signal input to FAWT and optimize ensemble classifier	C	50,000	50,000	33,333.333 for Sachin Taran	8,333.333 for Himanshu Pant	8,333.333 for Hitesh Kumar Dhanda	NA	NA	PRIZE MONEY
11	MUNINDRA	Electronics & Communications	Student	Nonlinearity Analysis of Quantum Capacitance and its Effect on Nano-Graphene Field Effect Transistor characteristics"	C	50,000	50,000	37,500 for MUNINDRA	12,500 for Dr. Deva Nand	NA	NA	NA	PRIZE MONEY
12	S Indu	Electronics & Communications	Faculty	Deep neural network learning for power limited heterogeneous system with workload classification	C	50,000	16,666.67	16,666.67 for Indu S	NA	NA	NA	NA	PRIZE MONEY
13	Richa	Electronics & Communications	Student	Design and Analysis of Circular Microstrip Patch Antenna for White Space TV Band Application	C	50,000	50,000	33,333.33 for Richa Sharma	8,333.33 N. S. Raghava	8,333.33 Asok De	NA	NA	PRIZE MONEY
14	Bhawna Rawat	Electronics & Communications	Student	A comprehensive analysis of different 7T SRAM topologies to design a 1R1W bit interleaving enabled and half select free cell for 32 nm technology node	B	100,000	100,000	50,000/- to Bhawna Rawat	50,000/- to Poornima Mittal	NA	NA	NA	PRIZE MONEY
15	Bhawna Rawat	Electronics & Communications	Student	A Reliable and Temperature Variation Tolerant 7T SRAM Cell with Single Bitline Configuration for Low Voltage Application	C	50,000	50,000	25,000/- to Bhawna Rawat	25,000/- to Poornima Mittal	NA	NA	NA	PRIZE MONEY
16	Dr. Manjeet Kumar	Electronics & Communications	Faculty	STSR: Spectro-Temporal Super-Resolution Analysis of a Reference Signal Less Photoplethysmogram for Heart Rate Estimation During Physical Activity	B	100,000	25,000	25,000 for Manjeet Kumar	NA	NA	NA	NA	PRIZE MONEY

17	Dr. Manjeet Kumar	Electronics & Communications	Faculty	Multilevel Classification and Detection of Cardiac Arrhythmias with High-Resolution Superlet Transform and Deep Convolution Neural Network	B	100,000	25,000	25,000 for Manjeet Kumar	NA	NA	NA	NA	PRIZE MONEY
18	Dr. Manjeet Kumar	Electronics & Communications	Faculty	DCT Interpolation Based Design of Two-Dimensional FIR Fractional Order Digital Differentiator	C	50,000	16,666.67	16,666.67 for Manjeet Kumar	NA	NA	NA	NA	PRIZE MONEY
19	Dr. Manjeet Kumar	Electronics & Communications	Faculty	Reference Signal Less Fourier Analysis Based Motion Artifact Removal Algorithm for Wearable Photoplethysmography Devices to Estimate Heart Rate during Physical Exercises	C	50,000	12,500	12,500 for Manjeet Kumar	NA	NA	NA	NA	PRIZE MONEY
20	Dr. Manjeet Kumar	Electronics & Communications	Faculty	A Review on Computational Methods for Denoising and Detecting ECG Signals to Detect Cardiovascular Diseases	C	50,000	12,500	12,500 for Manjeet Kumar	NA	NA	NA	NA	PRIZE MONEY
21	Dr. Manjeet Kumar	Electronics & Communications	Faculty	A Review on Computation Methods Used in Photoplethysmography Signal Analysis for Heart Rate Estimation	C	50,000	12,500	certificate only for Manjeet Kumar	NA	NA	NA	NA	certificate only
22	Dr. Manjeet Kumar	Electronics & Communications	Faculty	Watermarking of ECG Signals Compressed Using Fourier Decomposition Method	C	50,000	12,500	certificate only for Manjeet Kumar	NA	NA	NA	NA	certificate only
23	Dr. Chhavi Dhiman	Electronics & Communications	Faculty	Pedestrian Intention Prediction for Autonomous Vehicles: A Comprehensive Survey	C	50,000	50,000	16,666.67 for Chhavi Dhiman	16,666.67 for Neha Sharma	16,666.67 for Indu S	NA	NA	PRIZE MONEY

24	YASHNA SHARMA	Electronics & Communications	Faculty	Active near-field plasmonic switches based on Sierpiński-fractal nanoantennas on VO2 films	C	50,000	25,000	25,000 for Yashna Sharma	NA	NA	NA	NA	PRIZE MONEY
25	Dushyant Singh Chauhan	Electronics & Communications	Student	Development of multi diagonal based OCDMA system for free space optical communication system	C	50,000	50,000	33,333.33 for Dushyant Singh Chauhan	8,333.33 for Dinesh Kumar	certificate only for Gurjit Kaur	NA	NA	PRIZE MONEY for Dushyant Singh Chauhan, Dinesh Kumar and certificate only for Gurjit Kaur
26	Dushyant Singh Chauhan	Electronics & Communications	Student	Design of novel MIMO UOWC link using gamma-gamma fading channel for IoTs.	C	50,000	50,000	33,333.33 for Dushyant Singh Chauhan	certificate only for Dinesh Kumar	certificate only for Gurjit Kaur	NA	NA	PRIZE MONEY for Dushyant Singh Chauhan, certificate only for Gurjit Kaur and Dinesh Kumar
27	Enock Osoro Omayio	Electronics & Communications	Student	Historical manuscript dating: traditional and current trends	C	50,000	50,000	33,333.33 for Enock Osoro Omayio	8,333.33 for Prof S. Indu	8,333.33 for Prof J. Panda	NA	NA	PRIZE MONEY
28	Dr Gurjit Kaur	Electronics & Communications	Faculty	Machine learning-based predictive modeling for failure management of optical spatial mode division multiplexing system	C	50,000	25,000	12,500 for Gurjit Kaur	12,500 for Akanksha Srivastava	NA	NA	NA	PRIZE MONEY
29	N.Jayanthi	Electronics & Communications	Faculty	Speech and gesture analysis: a new approach	C	50,000	50,000	30,000 for N.Jayanthi	5,000 for Utkarsh Bajaj	5,000 for Dishant Shahi	5,000 for Rohan Soni	5,000 for Tarun Anand	PRIZE MONEY
30	Akanksha Srivastava	Electronics & Communications	Student	Cooperation and Energy Harvesting based Spectrum Sensing Schemes for Green Cognitive Radio Networks	C	50,000	50,000	25,000 for Akanksha Srivastava	25,000 for Gurjit Kaur	NA	NA	NA	PRIZE MONEY
31	Garima Varshney	Electronics & Communications	Student	Design and implementation of OTA based fractional-order oscillator	C	50,000	50,000	16,666.67 for Garima Varshney	16,666.67 for Neeta Pandey	16,666.67 for Rajeshwari Pandey	NA	NA	PRIZE MONEY
32	Piyush Jain	Electronics & Communications	Student	Closed Form Expressions of AC and SER for Double GG Fading Distribution under EGC Scheme in FSO Communication System	C	50,000	33,333.34	16,666.67 for Piyush Jain	16,666.67 for N.Jayanthi	NA	NA	NA	PRIZE MONEY

33	Neeta Pandey	Electronics & Communications	Faculty	CIM applications in fractional domain: Fractional-order universal filter & fractional-order oscillator	C	50,000	33,333.34	16,666.67 for Neeta Pandey	16,666.67 for Garima Varshney	NA	NA	NA	PRIZE MONEY
34	Neeta Pandey	Electronics & Communications	Faculty	On improving the performance of dynamic positive-feedback source-coupled logic (D-PFSCCL) through inclusion of transmission gates	C	50,000	33,333.34	16,666.67 for Neeta Pandey	16,666.67 for Ranjana Sivaram	NA	NA	NA	PRIZE MONEY
35	Dr. Sumit Kale	Electronics & Communications	Faculty	Dual Metal Gate Dielectric Engineered Dopant Segregated Schottky Barrier MOSFET With Reduction in Ambipolar Current	C	50,000	25,000	25,000 for Sumit Kale	NA	NA	NA	NA	PRIZE MONEY
36	Dr. Sumit Kale	Electronics & Communications	Faculty	Design and Proposal of Double Pocket Schottky Barrier TFET with Dielectric Modulation for Biosensors Applications	C	50,000	16,666.67	16,666.67 for Sumit Kale	NA	NA	NA	NA	PRIZE MONEY
37	Dr. Sumit Kale	Electronics & Communications	Faculty	Dielectric Engineered Schottky Barrier MOSFET for Biosensor Applications: Proposal and Investigation	C	50,000	50,000	10,000 for Sumit Kale	10,000 for Shweta Kaim	10,000 for Rani Medha Shree	10,000 for Anil Kumar	10,000 for Rahul Singh	PRIZE MONEY
38	Arvind Ganesh	Electronics & Communications	Student	Subthreshold Analytical Model of Asymmetric Gate Stack Triple Metal Gate all Around MOSFET (AGSTMGAAFET) for Improved Analog Applications	C	50,000	50,000	12,500 for Arvind Ganesh	12,500 for Jaskeerat Singh Mayall	12,500 for Kshitij Goel	12,500 for Sonam rewari	NA	PRIZE MONEY
39	Poornima Mittal	Electronics & Communications	Faculty	Tetra-variate scrutiny of diverse multiplexer techniques for designing a barrel shifter for low power digital circuits	C	50,000	50,000	33,333.34 for Poornima Mittal	8,333.333 to Bhawna Rawat	8,333.333 to Nishant Kumar	NA	NA	PRIZE MONEY
40	Ashish Raturi	Electronics & Communications	Student	Electronic and optical properties of lithium niobate (LiNbO 3) under tensile and compressive strain for optoelectronic applications: Insights from DFT-computations	C	50,000	33,333.34	16,666.67 for Ashish Raturi	16,666.67 for Poornima Mittal	NA	NA	NA	PRIZE MONEY

41	Ashish Raturi	Electronics & Communications	Student	Tuning the electronic and optical properties of SrTiO ₃ for optoelectronic and photocatalytic applications by plasmonic-metal doping: a DFT-computation	C	50,000	33,333.34	16,666.67 for Ashish Raturi	certificate only for Poornima Mittal	NA	NA	NA	PRIZE MONEY for Ashish Raturi and certificate only for Poornima Mittal
42	Dheeraj Singh	Electronics & Communications	Student	A Novel CF-DITA-Based Design of Grounded Capacitance Multiplier and Its Transpose Structure	C	50,000	33,333.34	16,666.67 for Dheeraj Singh	16,666.67 for Deva Nand	NA	NA	NA	PRIZE MONEY
43	Rajiv Kapoor	Electronics & Communications	Faculty	An intelligent railway surveillance framework based on recognition of object and railway track using deep learning	C	50,000	16,666.67	16,666.67 for Rajiv Kapoor	NA	NA	NA	NA	PRIZE MONEY
44	SUDIPTA MAJUMDAR	Electronics & Communications	Faculty	State and Parameter Estimation of Non uniform Transmission Line using Kronecker Product Based Modeling	B	100,000	66,666.66	33,333.33 for Sudipta Majumdar	33,333.33 for Amit Kumar Gautam	NA	NA	NA	PRIZE MONEY
45	Dr. Sonam Rewari	Electronics & Communications	Faculty	Recent Technological Advancement in Surrounding Gate MOSFET for Biosensing Applications - a Synoptic Study	C	50,000	12,500	12,500 for Sonam Rewari	NA	NA	NA	NA	PRIZE MONEY
46	Dr. Sonam Rewari	Electronics & Communications	Faculty	Enhanced Analog Performance and High-Frequency Applications of Dielectric Engineered High-K Schottky Nanowire FET	C	50,000	10,000	certificate only for Sonam Rewari	NA	NA	NA	NA	certificate only
47	Dr. Sonam Rewari	Electronics & Communications	Faculty	Radiation-Sensitive AlGaIn/GaN MOS-HEMT-Based Dosimeter	C	50,000	10,000	certificate only for Sonam Rewari	NA	NA	NA	NA	certificate only
48	Kirti Dalal	Electronics & Communications	Student	Broadband plasmonic switches based on nanodisc-dimers with progressively increasing diameters on a plasmonic film with a VO ₂ spacer	C	50,000	50,000	25,000 for Kirti Dalal	25,000 for Yashna Sharma	NA	NA	NA	PRIZE MONEY

49	Kamakshi Rautela	Electronics & Communications	Student	A Systematic Review on Breast Cancer Detection Using Deep Learning Techniques	C	50,000	33,333.34	16,666.67 Kamakshi Rautela	16,666.67 to Dinesh Kumar	NA	NA	NA	PRIZE MONEY
50	Kamakshi Rautela	Electronics & Communications	Student	Dual-modality synthetic mammogram construction for breast lesion detection using U-DARTS	C	50,000	33,333.34	16,666.67 Kamakshi Rautela	16,666.67 to Dinesh Kumar	NA	NA	NA	PRIZE MONEY
51	Chhavi Dhiman	Electronics & Communications	Faculty	A Sparse Coded Composite Descriptor for Human Activity Recognition	C	50,000	30,000	20,000 for Chhavi Dhiman	5,000 for Himanshu Makijia	certificate only for Dinesh Kumar Vishwakarma	NA	NA	PRIZE MONEY for Chhavi Dhiman, Himanshu Makijia and certificate only for Dinesh Kumar Vishwakarma