S.No.	Name of Applicant	Department Name	Category of Applicant	Title of Paper	Category of Award	Eligible/non eligible	Remark If Not eligible
1	Garima Singh	Electronics & Communications	Faculty	Development of a Mathematical Model for Multi-user Coded-Cooperation Based Cognitive Radio System and Its Outage Probability Analysis	C	Eligible	
2	Garima Singh	Electronics & Communications	Faculty	Modeling and Simulation of Molecular Communication Based Nanonetwork Using Finite Shaped Spherical Receiver	C	Eligible	
3	Garima Singh	Electronics & Communications	Faculty	Design of 31 and 37 cores trench-assisted and air-hole assisted multi-core fibre for high-density space-division multiplexing	C	Not Elgible	Impact factor less than 5 and publisher in not listed from the research award policy
4	ANURAG CHAUHAN	Electronics & Communications	Faculty	First-Principles Study of Enhanced Absorption in Van der Waals Heterostructure of MoS2/Cd0.90Zn0.10Te0.93Se0.07 in the Visible Region	C	Eligible	
5	Sudarshan Kumar	Electronics & Communications	Student	Design and analysis of sinusoidally modulated substrate integrated waveguide and filter	C	Eligible	
6	Snehlata Yadav	Electronics & Communications	Student	Junctionless Accumulation Mode Ferroelectric FET (JAM-FE-FET) for High Frequency Digital and Analog Applications	C	Eligible	

7	Dr Gaurav Saxena	Electronics & Communications	Student	Four-element pentaband MIMO antenna for multiple wireless application including dual-band circular polarization characteristics	C	Eligible	
8	Damyanti Singh	Electronics & Communications	Student	A Novel Low-Power Nonvolatile 8T1M SRAM Cell	C	Eligible	
9	Damyanti Singh	Electronics & Communications	Student	A novel read decoupled 8T1M nvSRAM cell for near threshold operation	C	Eligible	duplicate with 40
10	KRITI SUNEJA	Electronics & Communications	Faculty	Systematic Realization of CFOA Based Rössler Chaotic System and Its Applications	C	Eligible	Duplicate with 39
11	Sachin Taran	Electronics & Communications	Faculty	Sleep apnea detection using electrocardiogram signal input to FAWT and optimize ensemble classifier	C	Eligible	
12	MUNINDRA	Electronics & Communications	Student	Nonlinearity Analysis of Quantum Capacitance and its Effect on Nano-Graphene Field Effect Transistor characteristics"	C	Eligible	
13	S Indu	Electronics & Communications	Faculty	Deep neural network learning for power limited heterogeneous system with workload classification	C	Eligible	

14	Richa	Electronics & Communications	Student	Design and Analysis of Circular Microstrip Patch Antenna for White Space TV Band Application	C	Eligible	
15	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	Eligible	Duplicate with 47
16	Bhawna Rawat	Electronics & Communications	Student	A Reliable and Temperature Variation Tolerant 7T SRAM Cell with Single Bitline Configuration for Low Voltage Application	C	Eligible	duplicate with 48
17	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	Eligible	
18	Dr. Manjeet Kumar	Electronics & Communications	Faculty	Multilevel Classification and Detection of Cardiac Arrhythmias with High-Resolution Superlet Transform and Deep Convolution Neural Network	B	Eligible	
19	Dr. Manjeet Kumar	Electronics & Communications	Faculty	DCT Interpolation Based Design of Two-Dimensional FIR Fractional Order Digital Differentiator	C	Eligible	
20	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	Eligible	

21	Dr. Manjeet Kumar	Electronics & Communications	Faculty	A Review on Computational Methods for Denoising and Detecting ECG Signals to Detect Cardiovascular Diseases	C	Eligible	
22	Dr. Manjeet Kumar	Electronics & Communications	Faculty	A Review on Computation Methods Used in Photoplethysmography Signal Analysis for Heart Rate Estimation	C	Eligible	
23	Dr. Manjeet Kumar	Electronics & Communications	Faculty	Watermarking of ECG Signals Compressed Using Fourier Decomposition Method	C	Eligible	
24	Dr. Chhavi Dhiman	Electronics & Communications	Faculty	Pedestrian Intention Prediction for Autonomous Vehicles: A Comprehensive Survey	C	Eligible	
25	Neha Sharma	Electronics & Communications	Student	Pedestrian Intention Prediction for Autonomous Vehicles: A Comprehensive Survey	C	Eligible	Same paper is claimed by Dr. Chhavi Dhiman too
26	YASHNA SHARMA	Electronics & Communications	Faculty	Active near-field plasmonic switches based on Sierpiński-fractal nanoantennas on VO2 films	C	Elgible	
27	Dushyant Singh Chauhan	Electronics & Communications	Student	Development of multi diagonal based OCDMA system for free space optical communication system	C	Eligible	
28	Dushyant Singh Chauhan	Electronics & Communications	Student	Design of novel MIMO UOWC link using gamma–gamma fading channel for IoUTs.	C	Eligible	
29	Enock Osoro Omayio	Electronics & Communications	Student	Historical manuscript dating: traditional and current trends	C	Eligible	

30	Dr Gurjit Kaur	Electronics & Communications	Faculty	Machine learning-based predictive modeling for failure management of optical spatial mode division multiplexing system	C	Eligible	
31	N.Jayanthi	Electronics & Communications	Faculty	Speech and gesture analysis: a new approach	C	Eligible	
32	Akanksha Srivastava	Electronics & Communications	Student	CEAR: A Cooperation based Energy Aware Reward Scheme for Next Generation Green Cognitive Radio Networks	C	Not Elgible	Published in 2023
33	Akanksha Srivastava	Electronics & Communications	Student	Cooperation and Energy Harvesting based Spectrum Sensing Schemes for Green Cognitive Radio Networks	C	Eligible	
34	Garima Varshney	Electronics & Communications	Student	Design and implementation of OTA based fractional-order oscillator	C	Eligible	
35	piyush Jain	Electronics & Communications	Student	ABER of M-QAM and K-PSK modulations over double-GG fading channel	C	Not Elgible	Publisher is not listed and impact factor less than 5.
36	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	Eligible	
37	Neeta Pandey	Electronics & Communications	Faculty	CIM applications in fractional domain: Fractional-order universal filter & fractional-order oscillator	C	Eligible	

38	Neeta Pandey	Electronics & Communications	Faculty	On improving the performance of dynamic positive-feedback source-coupled logic (D-PFSCL) through inclusion of transmission gates	C	Eligible	
39	Neeta Pandey	Electronics & Communications	Faculty	Systematic Realization of CFOA Based Rössler Chaotic System and Its Applications	C	Eligible	Duplicate with 10
40	Neeta Pandey	Electronics & Communications	Faculty	A novel read decoupled 8T1M nvSRAM cell for near threshold operation	C	Eligible	duplicate with 9
41	Dr. Sumit Kale	Electronics & Communications	Faculty	Dual Metal Gate Dielectric Engineered Dopant Segregated Schottky Barrier MOSFET With Reduction in Ambipolar Current	C	Eligible	
42	Dr. Sumit Kale	Electronics & Communications	Faculty	Design and Proposal of Double Pocket Schottky Barrier TFET with Dielectric Modulation for Biosensors Applications	C	Eligible	
43	Dr. Sumit Kale	Electronics & Communications	Faculty	Dielectric Engineered Schottky Barrier MOSFET for Biosensor Applications: Proposal and Investigation	C	Eligible	
44	NEHA SHARMA	Electronics & Communications	Student	Pedestrian Intention Prediction for Autonomous Vehicles: A Comprehensive Survey	C	Eligible	Duplicate entry with S. No.25

45	Arvind Ganesh	Electronics & Communications	Student	Subthreshold Analytical Model of Asymmetric Gate Stack Triple Metal Gate all Around MOSFET (AGSTMGAAFET) for Improved Analog Applications	C	Eligible	
46	Poornima Mittal	Electronics & Communications	Faculty	Tetra-variate scrutiny of diverse multiplexer techniques for designing a barrel shifter for low power digital circuits	C	Eligible	
47	Poornima Mittal	Electronics & Communications	Faculty	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	Eligible	Duplicate with 15
48	Poornima Mittal	Electronics & Communications	Faculty	A Reliable and Temperature Variation Tolerant 7T SRAM Cell with Single Bitline Configuration for Low Voltage Application	C	Eligible	Duplicate with 16
49	Poornima Mittal	Electronics & Communications	Faculty	Tuning the electronic and optical properties of SrTiO3 for optoelectronic and photocatalytic applications by plasmonic-metal doping: a DFT-computation	C	Eligible	Duplicate with 52
50	Poornima Mittal	Electronics & Communications	Faculty	Electronic and optical properties of lithium niobate () under tensile and compressive strain for optoelectronic applications: Insights from DFT-computations	C	Eligible	

51	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	Eligible	
52	Ashish Raturi	Electronics & Communications	Student	Tuning the electronic and optical properties of SrTiO3 for optoelectronic and photocatalytic applications by plasmonic-metal doping: a DFT-computation	C	Eligible	Duplicate with 49
53	Dheeraj Singh	Electronics & Communications	Student	A Novel CFDITA-Based Design of Grounded Capacitance Multiplier and Its Transpose Structure	C	Eligible	
54	Rajiv Kapoor	Electronics & Communications	Faculty	An intelligent railway surveillance framework based on recognition of object and railway track using deep learning	C	Eligible	
55	SUDIPTA MAJUMDAR	Electronics & Communications	Faculty	State and Parameter Estimation of Non uniform Transmission Line using Kronecker Product Based Modeling	B	Eligible	
56	Dr. Sonam Rewari	Electronics & Communications	Faculty	Recent Technological Advancement in Surrounding Gate MOSFET for Biosensing Applications - a Synoptic Study	C	Eligible	
57	Dr. Sonam Rewari	Electronics & Communications	Faculty	Enhanced Analog Performance and High-Frequency Applications of Dielectric Engineered High-K Schottky Nanowire FET	C	Eligible	

58	Dr. Sonam Rewari	Electronics & Communications	Faculty	Radiation-Sensitive AlGaN/GaN MOS-HEMT-Based Dosimeter	C	Eligible	
59	Priyanka Choudhary	Electronics & Communications	Student	Trapezium backed dual circularly polarised hepta-band monopole antenna	C	Not Eligible	Taylor \& Francis publisher not included in list. IF less than 5
60	O P Verma	Electronics & Communications	Faculty	Robust copy-move forgery detection using modified superpixel based FCM clustering with emperor penguin optimization and block feature matching	C	Not Eligible	Neither first author not corresponding author
61	O P Verma	Electronics & Communications	Faculty	A framework for usage pattern--based power optimization and battery lifetime prediction in smartphones	C	Not Eligible	Neither first author not corresponding author
62	Kirti Dalal	Electronics & Communications	Student	Broadband plasmonic switches based on nanodisc-dimers with progressively increasing diameters on a plasmonic film with a VO2 spacer	C	Eligible	
63	Sonal Singh	Electronics & Communications	Faculty	Twin core photonic crystal fiber based temperature sensor with improved sensitivity over a wide range of temperature	C	Not Eligible	pagination of 2023

| 64 | Kamakshi Rautela | Electronics & Communications | Student | A Systematic Review on Breast Cancer Detection Using Deep Learning Techniques | C | Eligible | |
| 65 | Kamakshi Rautela | Electronics & Communications | Student | Dual-modality synthetic mammogram construction for breast lesion detection using U-DARTS | C | Eligible | |