

GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY. Gr NOIDA, U.P. (2023-24)-Incentive List

S.No.	Faculty ID	Name of Faculty (as per the bank records for issuing	Department	Paper Title	Indexing, Name of Journal, Impact Factor, Category of the Journal (Q1, Open Access Journal etc)
1	GCET202232195	Rajni Garg	ASH	Biogenic synthesis of iron oxide nanoparticles using leaf extract of <i>Spilanthes acmella</i> : antioxidant potential and adsorptive removal of heavy metal ions	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Environmental monitoring and Assessment, IMPACT FACTOR: 3.0, CATEGORY: Q2, NON OPEN ACCESS.
2	GCET202232195	Rajni Garg	ASH	Review of in-depth knowledge on the application of oxides nanoparticles and nanocomposites of Al, Si and Ca as photocatalyst and antimicrobial agents in the treatment of contaminants in water	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Clean Technologies and Environmental Policy, IMPACT FACTOR: 4.3, CATEGORY: Q1, NON OPEN ACCESS.
3	GCET202232182	Sadanand	ASH	Impact on generation and recombination rate in Cu ₂ ZnSnS ₄ (CZTS) solar cell for Ag ₂ S and In ₂ Se ₃ buffer layers with CuSbS ₂ back surface field layer	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL: Progress in Photovoltaic:Research and Applications IMPACT FACTOR: 8.48, CATEGORY: Q1
4	GCET202232182	Sadanand	ASH	Attaining above30% efficiency of PbS-based colloidal quantum dot solar cell using MoO ₃ and SnO ₂ as charge transport Layers: a numerical approach	INDEXING: ESCI- WEB OF SCIENCE, NAME OF JOURNAL: Journal of Optics IMPACT FACTOR: 1.8, CATEGORY: Q3
5	GCET202232182	Sadanand	ASH	Optimization of highly efficient inorganic lead-free double perovskite solar cells via SCAPS-1D	INDEXING: ESCI- WEB OF SCIENCE, NAME OF JOURNAL: Journal of Optics IMPACT FACTOR: 1.8, CATEGORY: Q3
6	E2018 T 1236	Mohammad Amir Khan	CE	Micro-mechanical and tribological behavior of Al/SiC/B ₄ C/CNT hybrid nanocomposite	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Scientific Report, IMPACT FACTOR: 4.6, CATEGORY: Q1, OPEN ACCESS.
7	E2018 T 1236	Mohammad Amir Khan	CE	Tribological Performance Evaluation of Greases on a Four-Ball Tester with Graphene Oxide Nanoparticles	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1, CATEGORY: Q2 OPEN ACCESS.
8	E2018 T 1236	Mohammad Amir Khan	CE	Experimental Investigation of Breach Mechanism for Overtopped Cohesive and Non-Cohesive Embankments	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Water, IMPACT FACTOR: 3.4, CATEGORY: Q2 OPEN ACCESS.
9	E2018T1284	Parveen Berwal	CE	Experimental Investigation of Breach Mechanism for Overtopped Cohesive and Non-Cohesive Embankments	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Water, IMPACT FACTOR: 3.4, CATEGORY: Q2 OPEN ACCESS.
10	E2018 T 1236	Mohammad Amir Khan	CE	Experimental investigation of H ₃ PO ₄ activated papaya peels for methylene blue dye removal from aqueous solution: Evaluation on optimization, kinetics, isotherm, thermodynamics, and reusability studies	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Journal of environmental management, IMPACT FACTOR: 8.7, CATEGORY: Q1 , non OPEN ACCESS.
11	E2018 T 1236	Mohammad Amir Khan	CE	Slag and Bagasse Ash: Potential Binders for Sustainable Rigid Pavement	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1, CATEGORY: Q2 OPEN ACCESS.
12	E2018T1284	Parveen Berwal	CE	Slag and Bagasse Ash: Potential Binders for Sustainable Rigid Pavement	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1, CATEGORY: Q2 OPEN ACCESS.
13	E2018 T 1236	Mohammad Amir Khan	CE	GO/CuO Nanohybrid-Based Carbon Dioxide Gas Sensors with an Arduino Detection Unit	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1, CATEGORY: Q2 OPEN ACCESS.
14	E2018 T 1236	Mohammad Amir Khan	CE	Decision Tree-Based Modeling of the Aeration Effectiveness of Circular Plunging Jets	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1, CATEGORY: Q2 OPEN ACCESS.
15	E2018 T 1236	Mohammad Amir Khan	CE	Assessment of the Surface Water Quality of the Gomti River, India, Using Multivariate Statistical Methods	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Water, IMPACT FACTOR: 3.4, CATEGORY: Q2 OPEN ACCESS.
16	E2018T1284	Parveen Berwal	CE	Assessment of the Surface Water Quality of the Gomti River, India, Using Multivariate Statistical Methods	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Water, IMPACT FACTOR: 3.4, CATEGORY: Q2 OPEN ACCESS.
17	E2018 T 1236	Mohammad Amir Khan	CE	Structural Performance of Ferrocement Panels under Low-and High-Velocity Impact Load	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1, CATEGORY: Q2 OPEN ACCESS.
18	E14T869	Niranjan Sahoo	CE	Design of solar cement plant for supplying thermal energy in cement production	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL: Journal of Cleaner Production, IMPACT FACTOR: 11.1, CATEGORY: Q1
19	GCET202031021	Rishav Garg	CE	Review of in-depth knowledge on the application of oxides nanoparticles and nanocomposites of Al, Si and Ca as photocatalyst and antimicrobial agents in the treatment of contaminants in water	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL: Clean Technologies and Environmental Policy, IMPACT FACTOR: 4.3, CATEGORY: Q1, NON OPEN ACCESS.
20	GCET202232053	Arun Kumar	CSE	Enhance traffic flow prediction with Real-Time Vehicle Data Integration	SCOPUS, JOURNAL OF AUTONOMOUS INTELEGENCE, 1.1, Q2, OPEN ACCESS

21	GCET202232053	Arun Kumar	CSE	A Blockchain-based secure Internet of Medical Things framework for smart healthcare	SCOPUS, JOURNAL OF AUTONOMOUS INTELEGENCE, 1.1, Q2, OPEN ACCESS
22	572	RAM LAL YADAVA	ECE	CSRR loaded Multiband THz MIMO Antenna for Nano-Communications and Bio-Sensing Applications	INDEXING:SCIE/ISI status (ELSEVIER), NAME OF JOURNAL:Nano Communication Networks, IMPACT FACTOR: 2.9 CATEGORY: Q2 NON-OPEN ACCESS.
23	843	Saurabh Katiyar	ECE	Tri-band high gain polarization reconfigurable split ring resonator based dielectric	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Optical and Quantum Electronics, IMPACT FACTOR: 3, CATEGORY: Q3 , non OPEN ACCESS.
24	E14T901	MOHAMMAD SHAHID	EE	Near Real-Time Load Forecasting of Power System Using Fuzzy Time Series, Artificial Neural Networks, and Wavelet Transform Models	INDEXING: SCI- WEB OF SCIENCE, NAME OF JOURNAL: Electric Power Components and Systems, IMPACT FACTOR: 1.5, CATEGORY: Q3, NON OPEN ACCESS.
25	GCET202332348	Bidyut Mahato	EEE	A new switch-diode cell-based single-phase cascaded multilevel inverter	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL: SOFT COMPUTING, IMPACT FACTOR: 4.1, CATEGORY: Q2, NON OPEN ACCESS.
26	GCET202232183	Muskan Khan	MBA	Financial risk tolerance: A review and research agenda	Indexing-SSCI,SCOPUS and ABDC- B; Journal name-European Management Journal, IMF: 7.5; Q1; non-open access
27	E15T1012	Akhileshwar Nirala	ME	Micro-mechanical and tribological behavior of Al/SiC/B4C/CNT hybrid nanocomposite	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:Scientific Report, IMPACT FACTOR: 4.6, CATEGORY: Q1, OPEN ACCESS.
28	GCET 202232195	Rajni Garg	AS&H	Synthesis and application of novel microporous framework of nanocomposite from trona for photocatalysed degradation of methyl orange dye	SCIE, Environmental Monitoring and Assessment, 3, Q2
29	737	Pankaj Pathania	AS&H	Responsive PNIPAM coated Au core-shell nanoparticle for optical sensing	Scopus,Bulgarian Chemical Communication,55 A Q4 ,open access
30	GCET 202232195	Rajni Garg	AS&H	Potential applications of green-synthesized iron oxide NPs for environmental remediation	SCIE, Environmental Monitoring and Assessment, 3, Q2
31	GCET202232182	Sadanand	AS&H	Investigation of suitable buffer layer for PbS-TBAI/PbS-EDT colloidal quantum dot solar cell using SCAPS-1D	SCI, Optik, 3.1, Q2, Non-Paid
32	GCET202232183	Sadanand	AS&H	Simulation and numerical modeling of high-efficiency CZTS solar cells with a BSF layer	SCI,International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, Q3, Non-Paid
33	GCET 202232195	Rajni Garg	AS&H	Enhancing water purification efficiency through adsorption and photocatalysis: models, applications, and challenges	SCI, International Journal of Environmental Analytical Chemistry, Q1, Non Paid
34	GCET 202232195	Rajni Garg	AS&H	Adsorption and photodegradation of organic contaminants by silver nanoparticles: isotherms, kinetics, and computational analysis	SCI, Biomass Conversion and Biorefinery,Q3, non paid
35	GCET 202232195	Rajni Garg	AS&H	Application of periwinkle shell for the synthesis of calcium oxide nanoparticles and in the remediation of Pb2+-contaminated water	SCI, Biomass Conversion and Biorefinery,Q3, non paid
36	GCET 202232195	Rajni Garg	AS&H	Valorisation of agricultural waste and their role in green synthesis of value-added nanoparticles	Scopus, Environmental Technology Reviews, Q1, non paid
37	GCET202031021	Rishav Garg	CE	Synthesis and application of novel microporous framework of nanocomposite from trona for photocatalysed degradation of methyl orange dye	SCIE, Environmental Monitoring and Assessment, 3, Q2
38	E2018T1236	Mohammad Amir Khan	CE	Development of eco-friendly wall insulation layer utilising the wastes of the packing industry	SCIE, Heliyon, Elsevier, 4, Q1, open access
39	E2018T1236	Mohammad Amir Khan	CE	Artificial Intelligence for Surface Water Quality Evaluation, Monitoring and Assessment	SCIE, Water, MDPI, 3.4, Q2, open access
40	E2018T1284	Parveen Berwal	CE	Artificial Intelligence for Surface Water Quality Evaluation, Monitoring and Assessment	SCIE, Water, MDPI, 3.4, Q2, open access
41	E2018T1284	Parveen Berwal	CE	Energy Efficient Resource Allocation in Cloud Environment Using M	SCIE, IEEE Access, 3.476, Q2, open access
42	GCET202031021	Rishav Garg	CE	Enhancing water purification efficiency through adsorption and photocatalysis: models, applications, and challenges	SCI, International Journal of Environmental Analytical Chemistry, Q3, Non Paid
43	GCET202031021	Rishav Garg	CE	Adsorption and photodegradation of organic contaminants by silver nanoparticles: isotherms, kinetics, and computational analysis	SCI, Biomass Conversion and Biorefinery,Q3, non paid
44	GCET202031021	Rishav Garg	CE	Application of periwinkle shell for the synthesis of calcium oxide nanoparticles and in the remediation of Pb2+-contaminated water	SCI, Biomass Conversion and Biorefinery,Q3, non paid

45	GCET202332440	Sachi Gupta	CSE	An effective fuzzy based segmentation and twin attention based convolutional gated recurrent network for skin cancer detection	SCIE, Multimedia Tools and Applications, 3.6, Q1
46	E2018T1270	Vinit Kumar	CSE	An optimized boosting framework for skin lesion segmentation and classification	SCIE, Multimedia Tools and Applications, 3.6, Q1
47	GCET202332440	Sachi Gupta	CSE	Depression detection using cascaded attention based deep learning framework using speech data	SCIE, Multimedia Tools and Applications, 3.6 Q2, Non Paid
48	GCET202332630	Richa	ECE	Multi band multi polarised fractal antenna for white space TV band	SCI, International Journal of Electronics, Taylor & Francis, 1.3, Q3, Non-Open Access
49	E2018T1286	Kiran Srivastava	EEE	Performance Analysis of MIMO Antenna Design with High Isolation Techniques for 5G Wireless Systems	SCIE, International Journal of Antennas and Propagation, 1.5, Open Access
50	GCET202332348	Bidyut Mahato	EEE	Design, implementation and validation of a new multi-level topology	SCI, Microsystem Technologies, 2.1, Q3, Non-Open Access
51	E15T1009	Kanhaiya Kumar	EEE	Control strategies for energy enhancement of discontinuous GPS tracking PV system under varying weather conditions	SCI, Electrical Engineering, 1.8, Q2, Non-Open Access
52	GCOP202232264	Ravi Kumar Mittal	GCOP	Bioactive Exploration in Functional Foods: Unlocking Nature's Treasures	SCIE, Current Pharmaceutical Biotechnology, 2.8 (Q2, Non open access)
53	GCOP202031029	Vikram Sharma	GCOP	SCIE, Current Pharmaceutical Biotechnology, 2.8 (Q2, Non open access)	SCIE, Current Pharmaceutical Biotechnology, 2.8 (Q2, Non open access)
54	GCET202232183	Muskan Khan	MBA	Knowledge management positioning in the information science era: Bibliometric analysis for the time frame from 2000-2023	SCOPUS, EAI Endorsed Transactions on Scalable Information Systems, Q3, Open access/ Unpaid (Impact factor-2.0).
55	E12T742	Rajendra Prasad	ASH	Redshift Drift in the Universe: Theoretical Features and Observational Constraints	SCIE Indexed, Gravitation & Cosmology, Springer, IF 1.202, Category Q3, open Access
56	E12T743	Rajesh Tripathi	ASH	Hydrothermal synthesis of kesterite CZTSSe nanoparticles for highly efficient thin film	SCIE Indexed, Materials Chemistry and Physics, IF 4.3, Category Q1, Non-open Access
57	E12T743	Rajesh Tripathi	ASH	Optimization of efficiency of CZTS-based solar cell through exclusive BSF layer engineering method	SCIE Indexed, Journal of Physics and Chemistry of Solids, IF 4.3, Category Q2, Non-open Access
58	E12T753	Bidyut Mallick	ASH	Investigation of the Role of Sn ²⁺ Elements in a Disordered Double Perovskite toward Efficient Photocatalytic Energy Conversion and Electrochemical Energy Storage Behavior	SCIE Indexed, ACS Applied Energy Materials, IF 5.4, Category Q1, Non-open Access
59	E12T753	Bidyut Mallick	ASH	Pressure-induced insulator-to-metal transition in few-layer at 1.5 GPa	SCIE Indexed, Physical Review B, IF 3.2, Category Q1, Non-open Access
60	E12T753	Bidyut Mallick	ASH	SARS-CoV-2 Omicron Spike shows strong binding affinity and favourable interaction landscape with the TLR4/MD2 compared to other variants	ESCI Indexed, Journal of Genetic Engineering and Biotechnology, IF 3.6, Category Q2, Open Access
61	E14T854	Mohd Kashif	ASH	Clay-polymer nanocomposites for effective water treatment: opportunities, challenges, and future prospects	SCIE, SCOPUS Indexed, Environmental Monitoring and Assessment, IF 2.9, Category Q2,
62	E16T1103	Gaurav Singh	ASH	A short review on concentrator collectors by incorporating the impact of material on the attainment	Scopus indexed, IEEE Xplore, Conference Paper
63	GCET202232182	Sadanand	ASH	Hydrothermal synthesis of kesterite CZTSSe nanoparticles for highly efficient thin film	SCIE Indexed, Materials Chemistry and Physics, IF 4.3, Category Q2, Non-open Access
64	GCET202232182	Sadanand	ASH	Optimization of efficiency of CZTS-based solar cell through exclusive BSF layer engineering method	SCIE Indexed, Journal of Physics and Chemistry of Solids, IF 4.3, Category Q2, Non-open Access
65	GCET202232193	Dr. Smriti Tripathi	ASH	Biopolymeric Nanocomposites for Wastewater Remediation: An Overview on Recent Progress and Challenges	SCIE, Polymers, Open Access, Impact factor: 5, Q1
66	GCET202232193	Dr. Smriti Tripathi	ASH	Core to concept: synthesis, structure, and reactivity of nanoscale zero-valent iron (NZVI) for wastewater remediation	SCIE, Environmental science and pollution research, Springer, 5.8 (Q1), 10.1007/s11356-024-33197-x
67	GCET202232195	Rajni Garg	ASH	Analysis of phytochemical composition, antioxidant activity, and β -glucuronidase inhibition potential of <i>Arisaema tortuosum</i> leaf extract	SCOPUS, Revista Colombiana de Ciencias Químico-Farmacéuticas, Q3, https://revistas.unal.edu.co/index.php/rccquifa/article/view/106817
68	GCET202232195	Rajni Garg	ASH	Applications of Nanocomposites in Water Remediation: A Mechanistic Overview	INDEXING: SCOPUS, Book Chapter, 10.4018/979-8-3693-1094-6.ch004
69	GCET202232195	Rajni Garg	ASH	Clay-polymer nanocomposites for effective water treatment: opportunities, challenges, and future prospects	SCIE, SCOPUS Indexed, Environmental Monitoring and Assessment, IF 2.9, Category Q2,
70	GCET202232195	Rajni Garg	ASH	Core to concept: synthesis, structure, and reactivity of nanoscale zero-valent iron (NZVI) for wastewater remediation	SCIE, Environmental science and pollution research, Springer, 5.8 (Q1), 10.1007/s11356-024-33197-x

71	GCET202232195	Rajni Garg	ASH	Neutrosophic cross entropy-based discrimination of antioxidant potential and polyphenolic contents of Arisaema tortuosum	SCOPUS,Neutrosophic Sets and Systems, Q2, https://doi.org/10.5281/zenodo.10428595
72	GCET202232195	Rajni Garg	ASH	Phytochemical analysis and utilization of root extract for biogenic synthesis of zinc oxide nanoparticles	Scopus, Revista Cubana de Farmacia, Q4, https://revfarmacia.sld.cu/index.php/far/article/view/973
73	GCET202232195	Rajni Garg	ASH	The Role of Corrosion inhibitors	Book chapter, in DOI: 10.4018/979-8-3693-3088-3.ch005
74	E2018T1236	Mohammad Amir Khan	CE	A sustainable nano-hybrid system of laccase@M-MWCNTs for multifunctional PAHs and PhACs removal from water, wastewater, and lake water	SCIE,Environmental Research, IMPACT FACTOR 7.1, NON open access,Q1
75	E2018T1236	Mohammad Amir Khan	CE	Adsorption of methylene blue dye onto phosphoric acid-treated pomegranate peel adsorbent: Kinetic and Thermodynamic studies	SCIE/Desalination and Water Treatment/ IMPACT FACTOR 1, OPEN ACCESS
76	E2018T1236	Mohammad Amir Khan	CE	Behavior of Fibers in Geopolymer Concrete: A Comprehensive Review	SCIE,BUILDING, IMPACT FACTOR 3.1, open access,Q2
77	E2018T1236	Mohammad Amir Khan	CE	Beneficiation of Low-Grade Hematite Iron Ore Fines by Magnetizing Roasting and Magnetic Separation	SCIE,BUILDING, IMPACT FACTOR 3.1, open access,Q2
78	E2018T1236	Mohammad Amir Khan	CE	Biomass Energy Transformation: Harnessing the Power of Explainable AI to Unlock the Potential of Ultimate Analysis Data	SCIE/Environmental Technology & Innovation IMPACT FACTOR 6.7 OPEN ACCESS
79	E2018T1236	Mohammad Amir Khan	CE	Climate teleconnection of the future trend of meteorological, GRACE-DSI, and vegetation-conditioned-based drought analysis in the Ganga Basin	SCIE/WATER SUPPLY/ IMPACT FACTOR 1.8, OPEN ACCESS
80	E2018T1236	Mohammad Amir Khan	CE	Enhancement of the structural behavior of elevated water tanks using X-plate dampers	SCIE/Journal of Constructional Steel Research/ IMPACT FACTOR 4, NON OPEN ACCESS
81	E2018T1236	Mohammad Amir Khan	CE	Performance Analysis of Self-Compacting Concrete with Use of Artificial Aggregate and Partial Replacement of Cement by Fly Ash	SCIE,BUILDING, IMPACT FACTOR 3.1, open access,Q2
82	E2018T1236	Mohammad Amir Khan	CE	Removing fluoride ions from wastewater by Fe3O4 nanoparticles: Modified Rhodophytes (red algae) as biochar	SCIE,Journal of Water Process Engineering, IMPACT FACTOR 6.3, non open access,Q1
83	E2018T1236	Mohammad Amir Khan	CE	Symbiotic impact of Carbon Quantum Dots on microstructural Development and Mechanical Behaviour of Cement Mortars	SCIE,Case Studies in Construction Materials, IMPACT FACTOR 6.5, open access,Q1
84	E2018T1236	Mohammad Amir Khan	CE	Symbiotic Impact of Carbon Quantum Dots on Microstructural Utilization of Rice Husk Substituting Fossil Fuel for Pelletization Process of Goethite Iron Ore	SCIE/Environmental Technology & Innovation IMPACT FACTOR 6.7 OPEN ACCESS
85	E2018T1284	Parveel Berwal	CE	Behavior of Fibers in Geopolymer Concrete: A Comprehensive Review	SCIE,BUILDING, IMPACT FACTOR 3.1, open access,Q2
86	E2019T1340	Yogendra Sharma	CE	Groundwater Modelling of Jamwa Ramgarh using Visual MODFlow Flex	SCOPUS CONFERENCE
87	GCET202031021	Rishav Garg	CE	Applications of Nanocoatings: Smart and Sustainable Protection	INDEXING: SCOPUS, Book Chapter, 10.4018/979-8-3693-3136-1.ch002
88	GCET202031021	Rishav Garg	CE	Influence of pozzolanic addition on strength and microstructure of metakaolin-based concrete	SCIE/PLOS ONE/ IMPACT FACTOR 4, OPEN ACCESS
89	GCET202031021	Rishav Garg	CE	Phytochemical analysis and utilization of root extract for biogenic synthesis of zinc oxide nanoparticles	Scopus, Revista Cubana de Farmacia, Q4, https://revfarmacia.sld.cu/index.php/far/article/view/973
90	GCET202332404	AKASH MALIK	CE	The utilization of agricultural and industrial waste in the synthesis of AA7075-based novel lightweight composite.	SCIE,JOURNAL OF MATERIALS SCIENCE, Q1, IF- 3.5, NON OPEN ACCESS
91	GCET202332871	Mohit Aggarwal	CE	Analysis and pollution assessment of heavy metals in suspended solids of the middle stretch of river Ganga between Kanpur to Deewara, U.P., India	SCIE, WEB OF SCIENCE, Sadhana, Q2 journal, IF-1.4, NON OPEN ACCESS
92	GCET202231998	Chitrangada Chaubey	CSE	Enhancing quality of services using genetic quantum behaved particle swarm optimization for location dependent services	SCI, SADHANA, (Journal of Indian Academy of Sciences/Springer Nature), IF 1.4, Category Q2, Non-open Access
93	GCET202232057	Sambit Satpathy	CSE	Consumer electronics based smart technologies for enhanced terahertz healthcare having an integration of split learning with medical imaging	SCI/ Scientific Reports/ IF. 3.8, OPEN ACCESS
94	GCET202232057	Sambit Satpathy	CSE	FPGA-enhanced IoT methods for disease pre-screening and prediction: An energy optimization approach	SCOPUS, Measurement: Sensors, 1,Q2, OPEN ACCESS
95	GCET202332343	Mukesh Kumar Singh	CSE	Performance Analysis of CNN Models with Data Augmentation in Rice Diseases	SCOPUS,2023 3rd Asian Conference on Innovation in Technology (ASIANCON) IEEE DOI:10.1109/ASIANCON58793.2023.10270518
96	GCET202332441	Sunil Kumar	CSE	A novel skin cancer detection model using modified finch deep CNN classifier model	SCIE, Scientific Reports, IF: 3.8, Q1, open access

97	GCET202332620	TSARTHI	CSE	Design and development of a low cost communication basedprotection system for fishermen	SCOPUS, IEEE CONFERENCE, 2023 1st International Conference on Optimization Techniques for Learning (ICOTL)
98	GCET202332620	TSARTHI	CSE	Leveraging Densenet And Genetic algorithms for lung cancer severity classification	SCOPUS, IEEE CONFERENCE, 2023 1st International Conference on Optimization Techniques for Learning (ICOTL)
99	GCET202332621	Sachin Kumar	CSE	A trustworthy data collection approach from sensor nodes using trust score of mobile vehicles for smart city	WOS, Security and Privacy, Wiley, 1.9
100	GCET202332621	Sachin Kumar	CSE	Efficient plaintext checkable identity-based signcryption in cyber-physical systems towards IIoT	SCIE, Transactions on Emerging Telecommunications Technologies, Q1, 2.5
101	GCET202332621	Sachin Kumar	CSE	Equality Test Public Key Encryption With Cryptographic Reverse Firewalls for Cloud-Based E-Commerce	SCIE, IEEE Transactions on Consumer Electronics, 4.3, Q1
102	GCET202332621	Sachin Kumar	CSE	Proxy re-encryption with plaintext checkable encryption for integrating digital twins into IIoT	SCIE, Computers and Electrical Engineering, Elsevier, 4.3, Q1
103	GCET202332621	Sachin Kumar	CSE	TinyML-Enabled Intelligent Question-Answer Services in IoT Edge Consumer Devices"	SCIE, IEEE Transactions on Consumer Electronics, 4.3, Q1
104	GCET202332688	Anuj Kumar Dwivedi	CSE	Exploring Smart Cities: Definitions, Advantages, Challenges, and Security Considerations for Urban Transformation	SCOPUS, 2023 2nd International Conference on Futuristic Technologies (INCOFT) Publisher: IEEE DOI: 10.1109/INCOFT60753.2023.10425193
105	GCET202232033	Shilpee Patil	ECE	Dual-Sense Circularly Polarized Stacked Fractal Slotted Antenna for WLAN/Bluetooth System	SCIE, Wireless Personal Communications, IF: 1.9, Q2
106	GCET202232053	Arun Kumar	ECE	Analysis and performance evaluation of computation models for node localization in deep sea using UWSN	SCI, WEB OF SCIENCE, International Journal of Communication Systems, Q2 journal, IF-5.3, NON OPEN ACCESS
107	GCET202232053	Arun Kumar	ECE	Secure and resilient improved image steganography using hybrid fuzzy neural network with fuzzy logic	ESCI, WEB OF SCIENCE , Journal of Safety Science and Resilience, Q2, IF-3.7, open access
108	GCET202332930	Brajesh Kumar Singh	ECE	An Empirical Analysis of Invariance Hu's Moment Feature over a Digital Image	Scopus indexed, IEEE Xplore, Conference Paper
109	GCET202333067	Sachin Kumar	ECE	Conformal wideband ingestible capsule MIMO antenna system for multi-channel communication in biotelemetry	SCIE, AEU - International Journal of Electronics and Communications, IF: 3.0, Q2
110	GCET202333067	Sachin Kumar	ECE	Design and Analysis of Self-Hexplexing Antenna Using SIW Hexagonal Cavity	SCIE, Journal of Electronic Materials, IF: 2.2, Q2
111	GCET202333067	Sachin Kumar	ECE	Directional Energy-Efficient Metasurface-Backed RFID Reader Antenna for Minimizing Tag-Detection Uncertainty in IoT Networks	ESCI, IEEE Journal of Radio Frequency Identification, IF: 2.3, Q2
112	GCET202333067	Sachin Kumar	ECE	Dispersive modeling of Normal and Cancerous Cervical Cell Responses to Nanosecond Electric Fields in Reversible Electroporation Using a Drift-Step Rectifier Diode Capacitor	SCIE, Micromachines, IF: 3.0, Q2
113	GCET202333067	Sachin Kumar	ECE	GPS-Integrated RFID Antenna With AMC Backing for IoT-Based Sensing and Tracking Applications	SCIE, IEEE Transactions on Antennas and Propagation, IF: 4.6, Q1
114	GCET202333067	Sachin Kumar	ECE	Low-profile dual-band monopole antenna with EBG array for LTE, WLAN, Wi-MAX, and ISM band applications	SCIE, Sadhana, IF: 1.4, Q2
115	GCET202333067	Sachin Kumar	ECE	Low-Profile Dual-Polarized Antenna Loaded With Electromagnetic Band-Gap Structures	SCIE, Wireless Personal Communications, IF: 1.9, Q2
116	GCET202333067	Sachin Kumar	ECE	Modern Reflectarray Antennas: A Review of the Design, State-of-the-Art, and Research Challenges	SCIE, IEEE Access, IF: 3.4, Q1
117	GCET202333067	Sachin Kumar	ECE	On Body and Off Body Communication using a Compact Wideband and High Gain Wearable Textile Antenna	SCIE, Scientific Reports, IF: 4.3, Q1
118	GCET202333067	Sachin Kumar	ECE	Ultra-thin flexible rectenna integrated with power management unit for wireless power harvester/charging of smartwatch /wristband	SCIE, Scientific Reports, IF: 4.3, Q1
119	GCET202333067	Sachin Kumar	ECE	Ultra-Wideband Vertical Transition in Coplanar Stripline for Ultra-High-Speed Digital Interfaces	SCIE, Sensors, IF: 3.4, Q2
120	E11T642	Amit Kumar Sharma	EE	A Novel Strategic Design and Optimal Controlling of Linear Quadratic Regulator for Electric Vehicle	SCOPUS, Journal of The Institution of Engineers (India): Series B Impact Factor:0.237,Category:Q3,Hybrid Open Access
121	E13T791	Md Danish Equebal	EE	A Novel ANN Approach for Residual Life Estimation of Paper Insulation in Oil-Immersed Power Transformers	SCI, IET Electric Power Applications, Open-Access, Q2, Impact Factor: 1.7
122	E14T901	Mohammad Shahid	EE	Artificial Intelligence-Powered Electric Vehicle's Battery Management System with IoT	SCOPUS Journal, International Journal, International Journal of Intelligent Systems and Applications in Engineering. Open-Access
123	E14T901	Mohammad Shahid	EE	Impact of geometric variables on the functionality of downdraft biomass gasifiers across diverse dimensions	SCI Journal, Biofuels, Taylor & Francis, 1–8, September 2024. https://doi.org/10.1080/17597269.2024.2401223

124	E14T901	Mohammad Shahid	EE	Recent Advances in Graphene-Enabled Materials for Photovoltaic Applications: A Comprehensive Review	SCI Journal, International Journal, ACS Omega, Open-Access, Q2, Impact Factor: 4.1
125	GCET202332344	Bhuvnesh Khokhar	EE	A novel intelligent distributed model predictive control scheme for load frequency control of a multimicrogrid system incorporating electric vehicles (peak shaving)	SCOPUS, Advanced Frequency Regulation Strategies in Renewable-Dominated Power Systems, Non Open Access, Elsevier
126	GCET202332344	Bhuvnesh Khokhar	EE	Frequency regulation in a microgrid integrating redox flow battery by utilizing an optimal predictive control approach	SCI, Electrical Engineering (Springer), non open access, Impact factor: 1.8, Q3
127	GCET202332931	Nitesh Kumar Singh	EE	Design and performance evaluation of eco-friendly FASnI3/CsSn0.5Ge0.5I3	SCI, Solar Energy Journal, Non Open Access (Unpaid Journal), Impact Factor: 6.7, Q1
128	GCET202332931	Nitesh Kumar Singh	EE	Device modelling of tin based perovskite solar cell with distinct hole transport layer material	SCI, Indian Journal of Engineering and Material Sciences, Non open Access, Impact Factor: 0.9, Q3
129	GCET202332335	Ravindra Kumar Yadav	EEE	Demand side management using ant colony optimization algorithm in renewable energy integrated smart grid	ESCI, Journal of Intelligent and Fuzzy Systems, Non-open access, Imact Factor-1.7, Q3
130	GCET202332348	Bidyut Mahato	EEE	A Modified Criss-Cross-Based T-Type MLI with Reduced Power Components	ESCI, Technologies, Impact Factor- 4.2, Category: Q2, Open Access
131	GCET202332348	Bidyut Mahato	EEE	A New Symmetrical Source-Based DC/AC Converter with Experimental Verification	SCI, Electronics, Impact Factor- 2.6, Category: Q2, Open Access
132	GCET202333028	Pawan Kushwaha	EEE	Socio-techno-economic-environmental sizing of hybrid renewable energy system using metaheuristic optimization approaches	SCIE, Environmental Progress & Sustainable Energy, Impact Factor- 2.1, Category: Q2, Unpaid Journal
133	962	Javed Miya	IT	Performance evaluation of optimized convolutional neural network mechanism in the detection and classification of ovarian cancer	SCI: 2023, Multimedia Tools and Applications , Journal © Springer Science+Business Media, LLC, part of Springer Nature 2024, https://doi.org/10.1007/s11042-024-18115-0 , February 2024, IF- 2.601
134	962	Javed Miya	IT	Quantum-inspired adaptive loss detection and real-time image restoration for live optical quantum image transmission	SCI: 2023, Optical and Quantum Electronics , Journal © Springer Science+Business Media, LLC, part of Springer Nature 2024, https://doi.org/10.1007/s11083-023-05850-6 , January 2024, IF- 2.001
135	E2019T1335	Suresh Kumar	IT	Enhancing Recommender Systems to Alleviate Data Sparsity and the Cold Start Problem	SCOPUS: 2023 12th International Conference on System Modeling & Advancement in Research Trends (SMART) DOI: 10.1109/SMART50701.2023
136	GCET202332681	Vineet Kumar Chauhan	IT	Utilizing an Ensemble Classification Method to Assess the Severity of SQL Injection Attacks and XSS	SCOPUS: 2023 12th International Conference on System Modeling & Advancement in Research Trends (SMART) DOI: 10.1109/SMART50701.2023
137	GCETMBA202232183	MUSKAN KHAN	MBA	A study of workplace bullying and coping strategies in hospitality sector: role of moral injury and inclusive leadership	SCOPUS-ABDC (B), Journal of Organizational Effectiveness: People and Performance, Q2 , IF-3.5, non-open access.
138	GCETMBA202232183	MUSKAN KHAN	MBA	Does workplace ostracism lead to workplace withdrawal? Testing the moderating-mediating effects of rumination and mindfulness in Indian hospitality industry	SCOPUS-ABDC (B), Journal of Organizational Effectiveness: People and Performance, Q2 , IF-3.5, non-open access.
139	519	Ashok Kumar Singh	ME	Analysis for optimized prerequisites of modified solar stills	SCI/SCIE,Heliyon, Elsevier,4, (Q1, Open Access)
140	519	Ashok Kumar Singh	ME	Parametric analysis of evacuated annular parabolic solar receiver integrated solar stills: a relative optimization approach	SCI/SCIE,Environment Development and Sustainability, Springer,4.9, (Q2)
141	E11T611	Vivek Singh	ME	An analytical study on the effect of different photovoltaic technologies on enviro-economic parameter and energy matrices of active solar desalting unit	SCIE,Energy, Elsevier,9,
142	E12T732	Anil Kumar Sethi	ME	The Photovoltaic (PV) Module Performance Analysis using Artificial Neural Network (ANN)	Scopus, EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy
143	E13T828	Ashish Dewangan	ME	Experimental investigations on the electrochemical machining of D3 die steel material and multi-objective parameters optimization from theory to practice: A Sustainable Solution to water Scarcity by Using a Hybrid Solar Distiller with a Heat Exchanger and	ESCI,Surface Review and Letters, World Scientific,1.1,
144	E13T828	Ashish Dewangan	ME	An effort of maximizing the material removal rate during the wire cutting of difficult to machine Inconel X750 using electric discharge machining process	SCI/SCIE,ACS Omega; ACS Publications,4.1,
145	E14T929	Pawan Kumar Arora	ME	Analysis and assessment of humanitarian supply chain barriers for disaster and crisis management using hybrid approach	ESCI, Journal of Polymer and Composites (JOPC)
146	E14T929	Pawan Kumar Arora	ME	Optimising FDM printing parameters for improved tensile properties in 3D printed ASTM D638 standard samples	SCOPUS,International journal of process management and benchmarking, Inder Science,,
147	E14T929	Pawan Kumar Arora	ME	Study on Ergonomic Risk Assessment of Welding Workers using - RULA	ESCI/SCOPUS,Australian Journal of Mechanical Engineering,,
148	E14T929	Pawan Kumar Arora	ME	Tribological Behaviour of AISI 304 Steel on Electrodeposited Hard Chrome Coated Steel	Scopus Indexed, Evergreen Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy
149	E14T929	Pawan Kumar Arora	ME	Unlocking AISI-420 Martensitic Stainless Steels Potential: Precision Enhancement Via S-EDM with Copper Electrodes and Multivariate Optimization	Scopus Indexed, Evergreen Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy
150	E14T929	Pawan Kumar Arora	ME		SCI,Arabian Journal for Science and Engineering, Springer,2.9,

151	E15T1012	Akhileshwar Nirala	ME	Beneficiation of Low-Grade Hematite Iron Ore Fines by Magnetizing Roasting and Magnetic Separation	SCIE,ACS OMEGA, IMPACT FACTOR 4, open access,Q3
152	E15T1012	Akhileshwar Nirala	ME	Utilization of Rice Husk Substituting Fossil Fuel for Pelletization Process of Goethite Iron Ore	SCIE/Environmental Technology & Innovation IMPACT FACTOR 6.7 OPEN ACCESS
153	E2019T1323	Yogesh Shrivastava	ME	An Effort for Identifying Suitable Machining Range During Drilling of a Novel Al-Based Composite Using Electric Discharge Machine	SCOPUS,Int. J. Exp. Res. Rev, IAPH ,,
154	E2019T1323	Yogesh Shrivastava	ME	An effort for maximizing the material removal rate during the wire cutting of difficult to machine Inconel X750 using electric discharge machining process	ESCI, Journal of Polymer and Composites (JOPC)
155	E2019T1323	Yogesh Shrivastava	ME	Optimising FDM printing parameters for improved tensile properties in 3D printed ASTM D638 standard samples	ESCI/SCOPUS,Australian Journal of Mechanical Engineering,,
156	E2019T1323	Yogesh Shrivastava	ME	Tool Chatter Diagnosis using EMD and LMD Techniques: A Comparative Study	Scopus Indexed Journal, Evergreen
157	GCET202433144	Arunesh Chandra	ME	Study on Ergonomic Risk Assessment of Welding Workers using - RULA	Scopus Indexed, Evergreen Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy