

Galgotias Educational Institutions
1, Knowledge Park-II, Greater Noida – 201310
R&D Incentive for October, 2023

S.No.	Faculty ID	Name of Faculty (as per the bank records for issuing the cheque)		Department	Paper Title	Indexing, Name of Journal, Impact Factor, Category of the Journal (Q1, Open Access Journal etc)	Amount
1	GCET20 2232195	Rajni Garg		ASH	Biogenic synthesis of iron oxide nanoparticles using leaf extract of Spilanthes acmella: antioxidation 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.	7200
2	GCET20 2232195	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.	3600
3	GCET20 2232182	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	8000
4	GCET20 2232182	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	6400
5	GCET20 2232182	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	6400
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.	2400
7	E2018 T 1236	Mohammad Amir Khan		CE	Tribological Performance Evaluation of Greases on a Four-Ball Tester	INDEXING: SCIE- WEB OF SCIENCE, NAME OF JOURNAL:ACS Omega, IMPACT FACTOR: 4.1,	4800

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					with Graphene Oxide Nanoparticles	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.	2400
9	E2018T1 284	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.	2400
10	E2018 T 1236	Mohammad Amir Khan		CE	Experimental investigation of H3PO4 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.	8000
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.	2400
12	E2018T1 284	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.	2400
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.	4800
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.	4800
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.	2400

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16	E2018T1 284	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.	2400
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.	4800
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	12000
19	GCET20 2031021	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.	3600
20	GCET20 2232053	Arun Kumar		CSE	Enhance traffic flow prediction with Real-Time Vehicle Data Integration	SCOPUS, JOURNAL OF AUTONOMOUS INTELEGENGE, 1.1, Q2, OPEN ACCESS	3200
21	GCET20 2232053	Arun Kumar		CSE	A Blockchain-based secure Internet of Medical Things framework for smart healthcare	SCOPUS, JOURNAL OF AUTONOMOUS INTELEGENGE, 1.1, Q2, OPEN ACCESS	3200
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.	7200
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.	9600
24	E14T901	MOHAMMAD SHAHID		EE	Near Real-Time Load Forecasting of Power System Using Fuzzy Time Series, Artificial Neural Networks, and	INDEXING: SCI- WEB OF SCIENCE, NAME OF JOURNAL: Electric Power Components and Systems, IMPACT FACTOR: 1.5,	6400

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					Wavelet Transform Models	CATEGORY: Q3, NON OPEN ACCESS.	
25	GCET20 2332348	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.	10,800
26	GCET20 2232183	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	8000
27	E15T101 2	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.	2400
						Total	1,42,000