

GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY. Gr NOIDA, U.P. (2024-25)-Incentive List

Faculty ID	Name of Faculty (as per the bank records for issuing the cheque)	Department	Paper Title/Scopus Index Book Chapter	Indexing, Name of Journal, Impact Factor, Category of the Journal (Q1, Open Access Journal)
E12T742	Dr Rajendra Prasad	AS	Constraining hybrid potential scalar field cosmological model with current observational data	SCIE, International Journal of Geometric Methods in Modern
E12T742	Dr Rajendra Prasad	AS	Enhancement the Electro-Optical, Photoluminescent and Plasmonic properties of Gold Nano Particles (GNPs)	ESCI, Nanofabrication, open Acess
E460	Manju Kashyap	AS	Understanding the Limits and Regions of Exclusion in the Riemann Zeta Function: Application of Quantum Chaos	Evergreen, Q3
GCET202232089	Dr.Avinash Kumar Yadav	AS	Szász-Beta operators via Hermite Polynomial	SCI
GCET202232089	Dr.Avinash Kumar Yadav	AS	Hermite polynomials linking Szász–Durrmeyer operators	SCI
GCET202232089	Dr.Avinash Kumar Yadav	AS	Direct Approximations of Szasz-Beta-Schurer Operators using Hermite Polynomial	Scopus
GCET202232195	Dr Rajni Garg	AS	Efficient sequestration of zinc and copper from aqueous media: exploring strategies, mechanisms, and challenges	SCI, International Journal of Environmental Science and Technology, IF: 3.0, Q2
GCET202232195	Dr Rajni Garg	AS	Experimental and theoretical investigations of crab shell-based CaO	SCI, International Journal of Environmental Science and
GCET202232195	Dr Rajni Garg	AS	Removal of contaminants from river Jakara using iron oxide nano particles	ESCI, Journal of Hazardous Materials Advances, IF: 5.4, Q1
GCET202232195	Dr Rajni Garg	AS	Synthesis and characterization of CaO nanoparticles from periwinkle shells for the treatment of tetracycline-contaminated water by adsorption and	ESCI, Results in Engineering, IF: 6.0, Q1
GCET202232195	Dr Rajni Garg	AS	Transesterification of waste cooking oil using biogenic calcium oxide nano catalyst	SCOPUS, Revista Cubana de Farmacia, Q4

GCET202433727	Dr. Vaishali	AS	Metal-Free Synthesis of Highly Diversified Pyrazole C-3/4/5 Tethered 1,3,4-Oxadiazoles and Their Photophysical Assessment	SCI, Chemistry AN ASIAN JOURNAL, IF: 4.8, Q2
GCET202433727	Dr. Vaishali	AS	Reusable Magnetic Nanoparticles: A Green System for Synthesis of Pyrrole Scaffolds	SCI, Journal of Heterocyclic Chemistry, IF: 2, Q3
E2018T1236	Dr. Mohammad Amir Khan	CE	Silver vanadate nanoparticles: green synthesis, enhanced photocatalytic and antibacterial activity	Aip Advances SCI Open access
E2018T1236	Dr. Mohammad Amir Khan	CE	Employing nutraceutical industry by-product, cumin seeds spent, for the adsorption treatment of acid blue 113 dye	Aip Advances SCI Open access
E2018T1236	Dr. Mohammad Amir Khan	CE	Development and optimization of geopolymer-based artificial angular coarse aggregate using cut-blade mechanism	Case Studies in Construction Materials, open access, Sci
E2018T1236	Dr. Mohammad Amir Khan	CE	Continuous and funnel-gate configurations of a permeable reactive barrier for reclamation of groundwater laden with	Scientific Reports, open access,SCI
E2018T1236	Dr. Mohammad Amir Khan	CE	Innovative eco-friendly bio-composites: A comprehensive review of the fabrication, characterization, and	REVIEWS ON ADVANCED MATERIALS SCIENCE, open
E2018T1236	Dr. Mohammad Amir Khan	CE	Development of high strength light weight concrete for RC beams by using optimum replacement level of pumice	Aip Advances SCI Open access
E2018T1236	Dr. Mohammad Amir Khan	CE	Enhancing soot emission control and performance in biodiesel-powered diesel engine through Al ₂ O ₃	International Journal of Low-Carbon Technologies, SCI Open
E2018T1236	Dr. Mohammad Amir Khan	CE	Laboratory model tests and three-dimensional numerical analyses to investigate the behavior of floating granular	Aip Advances SCI Open access
E2018T1236	Dr. Mohammad Amir Khan	CE	Investigation on pyrolysis behavior and kinetic analysis of banana tree bark and coal blends in blast furnace injection	Biomass Conversion and Biorefinery, SCI
E2018T1236	Dr. Mohammad Amir Khan	CE	Response Surface Methodology Investigation of the Viscosity of Propylene Glycol (100)/Graphene Nanofluid	Engineering Reports
E2018T1284	Parveen Berwal	CE	Response Surface Methodology Investigation of the Viscosity of Propylene Glycol (100)/Graphene Nanofluid	Engineering Reports,scopus
E2018T1284	Parveen Berwal	CE	A practical approach to demonstrate the circular economy in remediation of textile dyes using nutraceutical industrial	RSC Advances, sci Open access
E2018T1284	Parveen Berwal	CE	Innovative eco-friendly bio-composites: A comprehensive review of the fabrication, characterization, and	REVIEWS ON ADVANCED MATERIALS SCIENCE, open

E2018T1284	Parveen Berwal	CE	Environmental Conservation by Using Recycled Aggregates: Enhancing Sustainability in Road	Rocznik Ochrona Środowiska/SCI
E2018T1284	Parveen Berwal	CE	Mathematical Modeling Analysis of India's Accident & Use of Fly Ash and Polymers in Road Safety	Journal of Polymer & Composites / ESCI
GCET202031021	RISHAV GARG	CE	Experimental and theoretical investigations of crab shell-based CaO	SCI, International Journal of Environmental Science and
GCET202031021	RISHAV GARG	CE	Removal of contaminants from river Jakara using iron oxide nano particles	ESCI, Journal of Hazardous Materials Advances, IF: 5.4, Q1
GCET202031021	RISHAV GARG	CE	Synthesis and characterization of CaO nanoparticles from periwinkle shells for the treatment of tetracycline-contaminated water by adsorption and photocatalyzed degradation	ESCI, Results in Engineering, IF: 6.0, Q1
GCET202031021	RISHAV GARG	CE	Efficient sequestration of zinc and copper from aqueous	SCI, International Journal of
GCET202332871	MOHIT AGGARWAL	CE	Measurement of Heavy Metals Content in Suspended	SCIE, MAPAN, 1.0, Q3
GCET202131610	Dr.Kavita Sharma	CSE	RECURRENT NEURAL NETWORK BASED	Scopus Journal, Scalable
GCET202332343	Mukesh Kumar Singh	CSE	Edge Detection Based Segmentation of Wheat Plants	Scopus, Conference IEEE
GCET202332343	Mukesh Kumar Singh	CSE	Identification of Potato Leaves Diseases Using CNN with Transfer Learning	Scopus, Conference IEEE
GCET202332440	Dr. Sachi Gupta	CSE	Reconfigurable data intensive service for low latency cyber-physical systems and IoT communication	SCOPUS, International Journal of Reconfigurable and Embedded Systems (IJRES), Open Access Journal
GCET202332440	Dr. Sachi Gupta	CSE	Simulators for Fog Computing and Information Processing	SCIE, Proceedings of the National
GCET202332441	Dr. Sunil Kumar	CSE	An African vulture optimization algorithm based energy	SCIE, Scientific Reports, IF: 3.8, Q1,
GCET202332441	Dr. Sunil Kumar	CSE	Unsupervised Machine Learning for Effective Code Smell	ESCI, Journal of Communications
GCET202332443	Dr. Sanjay Kumar	CSE	Convolution Neural Network Based Brain Tumor Detection using MRI Scans	SCOPUS Journal, Communications on Applied Nonlinear Analysis, Q3
GCET202332443	Dr. Sanjay Kumar	CSE	Effective Alzheimer's disease detection using enhanced Xception blending with snapshot ensemble	SCI, Nature (scientific reports) Q1
GCET202332620	ARTHI T S	CSE	Breast cancer diagnosis using machine learning model	Scopus, Conference, Book chapter
GCET202332621	Sachin Kumar	CSE	Multigraph Neural Networks for Social-Aware Session-	IEEE Transactions on

GCET202332621	Sachin Kumar	CSE	Anomaly Detection through Outsourced Revocable	IEEE Transactions on Consumer
GCET202332621	Sachin Kumar	CSE	Efficient and Privacy-Enhanced Asynchronous Federated	ACM Trans. Multimedia Comput.
GCET202332630	Richa	ECE	Circular RFID Antenna for White Space TV Band	SCIE, Wireless Personal
GCET202333067	Sachin Kumar Gupta	ECE	A Compact Wearable Textile Antenna for NB-IoT and	SCIE, Sensors, IF: 3.4, Q2
GCET202333067	Sachin Kumar Gupta	ECE	A Flexible Reconfigurable MIMO Antenna for IoT-	SCIE, International Journal of
GCET202333067	Sachin Kumar Gupta	ECE	An Improved Gain Antenna Array for Telehealth	SCI, IEEE Internet of Things
GCET202333067	Sachin Kumar Gupta	ECE	Circularly Polarized Sixteen-Port Flexible UWB MIMO	SCIE, International Journal of RF
GCET202333067	Sachin Kumar Gupta	ECE	Compact UWB MIMO Antenna with a Modified Back	SCIE, IEEE Access, IF: 3.4, Q1
GCET202333067	Sachin Kumar Gupta	ECE	Conformal Multi-Channel MIMO Antenna for Implantable	SCIE, AEU - International Journal
GCET202333067	Sachin Kumar Gupta	ECE	Design of a High Gain Self-Triplexing Directive Antenna	SCIE, International Journal of
GCET202333067	Sachin Kumar Gupta	ECE	High-Gain 3-D RFID Reader Antenna With Cubic	SCI, IEEE Transactions on
GCET202333067	Sachin Kumar Gupta	ECE	Thirty Two Port Super Wideband Diversity Antenna for	SCIE, Scientific Reports, IF: 3.8, Q1
GCET202232053	Arun Kumar	ECE	Historical development of passive optical network (PON):	SCOPUS, Journal of Optical
GCET202232053	Arun Kumar	ECE	Automatic machine learning model for enhanced partition	SCI, Computer Methods in
E13T791	Md Danish Equbal	EE	A novel fuzzy approach for winding paper insulation	SCIE, IET Electric Power
GCET202332344	Bhuvnesh	EE	Load Frequency Control of Microgrids	Book published by CRC Press,
E16T1089	Dr. Ravendra Singh	EEE	Realization of	SCIE, wireless personal
GCET202332348	BIDYUT MAHATO	EEE	A New Cascaded Multilevel Inverter for Modular	SCIE, ELECTRONICS, Q2
GCET202332349	BIDYUT MAHATO	EEE	Performance enhancement of sensorless induction motor	SCIE, Alexandria Engineering
GCET202332350	BIDYUT MAHATO	EEE	Implementation of novel full-wave rectifier using second	SCIE, Analog Integrated Circuits
GCET202333028	Dr. Pawan Kumar Kushwaha	EEE	Techno economic analysis of optimal load scheduling	SCIE, Journal of Renewable
E2018T1281	Dr. Sanjeev Kumar Singh	IT	Machine and deep learning methods for concrete strength	SCI, Applied Soft Computing
GCET2023321003	Mr. Aditya Narayan Singh	MCA	Artificial Bee Colony Algorithms in Control Systems,	SCOPUS, Springer, Book Chapter
GCET202333011	Dr. Yagyesh Godiyal	MCA	Fundamentals of Artificial Bee Colony Algorithms and Its	SCOPUS, Springer, Book Chapter
519	Dr. Ashok Kumar Singh	ME	Analysis for modified augmentation of solar desalination	SCI, Solar Energy, IF: 6.7, Q1
519	Dr. Ashok Kumar Singh	ME	Experimental Analysis of Solar Thermal Collector in	SCOPUS, Springer, Book Chapter
519	Dr. Ashok Kumar Singh	ME	Sparkling Rural Community for Sustainable Growth: A	SCOPUS, Springer, Book Chapter
E12T732	Dr. Anil Kumar Sethi	ME	Fabrication and Evaluation of Aluminum Hybrid Metal	Journal of Polymer and Composites
E13T828	Dr Ashish Dewangan	ME	Innovative research on waste tire recycling for sustainable	SCI, International Journal of
E14T869	Dr. NIRANJAN SAHOO	ME	Greenhouse Gas Mitigation Potential Through Clean	SCI, ASME, IF: 2.1, Q1
E15T1012	Dr. Akhileshwar Nirala	ME	Investigation on pyrolysis behavior and kinetic analysis of banana tree bark and coal blends in blast furnace injection	Biomass Conversion and Biorefinery, SCI
E2019T1323	Dr. Yogesh Shrivastava	ME	Advancements in metaheuristic optimization techniques	SCI, ImEche, Part E: Journal of
E2019T1323	Dr. Yogesh Shrivastava	ME	An Experimental Investigation on Fabrication and	SCOPUS, Journal of Advanced
E11T569	Manish Shrivastava	EEE	Reconfiguration study of solar PV cells to minimize partial	Scopus Index Book Chapter

E14t898	Ranjana Kumari	ECE	Mutual coupling reduction of SWB MIMO antenna for	Scopus indexed
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