

DEPARTMENT OF APPLIED SCIENCE & ENGINEERING					
FACULTY CONTRIBUTION (RESEARCH PAPERs)					
S.No.	Faculty Name	Designation	Academic Session	Paper Title	Indexing
1	DR ABHISHEK MADHESHIYA	ASSOCIATE PROFESSOR	2025-26	Characterization of Activated Carbon Nano-materials Prepared from Sugarcane Bagasse and Its Effectiveness for Removal of Arsenic from Aqueous Solution.	SCOPUS
2	DR. RUCHI SINGH	PROFESSOR	2025-26	Exploring Artificial Intelligence in Organic Synthesis	SCOPUS
3			2025-26	Efficient Removal of copper (II) from aqueous solutions using polypyrrole based magnetic nano adsorbent	SCOPUS
4			2025-26	Assessment of SDS-sulfathiazole interactions in glucose and urea medium at different temperatures: a conductometric study	SCOPUS
5	MR. GAURAV KUMAR GUPTA	ASSISTANT PROFESSOR	2025-26	Cyclic oxidation of 304L and 316L stainless steel coated and uncoated with Cr3C2–NiCr at elevated temperatures	SCI
6	MR. ASHIRWAD DUBEY	ASSISTANT PROFESSOR	2025-26	Performance Enhancement of Static Transfer Switch Using Advanced State Estimation for Loss Minimization in Power Distribution Networks	SCOPUS
7	DR. JOY ROY	ASSISTANT PROFESSOR	2025-26	Solute Transport in a Finite Porous Medium with Input Sources Acting along and against the Flow	UGC-CARE
8			2025-26	Solute Transport in a Semi-Infinite Porous Medium with input through a curved sources	UGC-CARE
32	KAMALESHWAR DHAR DWIVEDI	ASSISTANT PROFESSOR	2025-26	IOT Controlled Water Trash Collector Boat	UGC-CARE
9	DR. KAUSHAL YADAV	ASSOCIATE PROFESSOR	2024-25	Challenges of Communicating in English by Native Speakers in the Northern States of India in International Journal of Research in Academic World	UGC-CARE
10	DR ASHUTOSH SRIVASTAVA	ASSOCIATE PROFESSOR	2024-25	3(4H))-4-methylbenzo[h] quinolinone-2(1H)Derivatives	SCI
11			2024-25	of Novel 2H-oxazinyl-thiazolidinone-4 and 2H-oxazinyl-	SCI
12	DR. RUCHI SINGH	PROFESSOR	2024-25	Quantification of alpha-lipoic acid in pharmaceutical samples using Pd(II) catalyzed ligand substitution reaction in SLS micellar medium	SCOPUS
13			2024-25	Quantification of biotin in pharmaceuticals by exploiting its inhibitory impact on the Pd(II) catalyzed ligand substitution	SCOPUS
14			2024-25	Kinetic and thermodynamic evaluation of adsorptive removal of lead (II) from aqueous solutions using Polypyrrole@CoFe2O4 nano-adsorbent	SCI
15	MR. ANAND PRAKASH	ASSISTANT	2024-25	A NOTE ON $(\lambda, (\mu)$ - SLANT HANKEL OPERATORS ON $L_2(T)$	SCOPUS

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16	MISHRA	PROFESSOR	2024-25	A Generalized (λ, μ)- Slant Hankel Operator on the Lebsgue Space $L_2(T)$	UGC-CARE
17	DR. PRACHI DIWAKAR	ASSISTANT PROFESSOR	2024-25	Self-powered solution-processed photodetectors utilizing FAPbBr ₃ :C60 bulk heterojunction	SCOPUS
18			2024-25	Optoelectronic performance of MAPbI ₃ :PCBM bulk heterojunction photodetectors	SCOPUS
19	MR. ASHIRWAD DUBEY	ASSISTANT PROFESSOR	2024-25	Utilization of Static Transfer Switch Operation for Feeder Reconfiguration by Using State Estimation Technique	SCOPUS
20			2024-25	A Review on Distribution System State Estimation	UGC-CARE
21			2024-25	Performance Enhancement of Complementary Feeders Using Static Transfer Switching	UGC-CARE
22	DR ASHUTOSH SRIVASTAVA	ASSOCIATE PROFESSOR	2024-25	Synthesis, Characterization and Antimicrobial Activity	SCI
31	KAMALESHWAR DHAR DWIVEDI	ASSISTANT PROFESSOR	2024-25	Solar Peltier Plate Refrigerator	UGC-CARE
23	DR. JOY ROY	ASSISTANT PROFESSOR	2024-25	Three-dimensional solute transport in finite and curved porous media with surface input sources	SCOPUS
24	MR. ASHIRWAD DUBEY	ASSISTANT PROFESSOR	2023-24	A Review Paper on different types of Feeder Reconfiguration loss Minimization Techniques	UGC-CARE
25	DR. RANJANA SHUKLA	PROFESSOR	2023-24	Prediction and Diagnosis of Diabetes Disease utilizing Random Utilizing Random Forest Classifier	UGC-CARE
26			2023-24	Chemical carcinogenesis by 4 - NQO	UGC-CARE
27	DR. LAV KUSH KUMAR	ASSITANT PROFESSOR	2023-24	An Analytical Approach to Contaminant Transport with Spatially and Temporally Dependent Dispersion in a Heterogeneous Porous Medium	UGC-CARE
28				Numerical Solution of Advection-Dispersion Equation with Double Input Point Sources in a Finite Groundwater Reservoir	UGC-CARE
29				Numerical solution of non-linear advection-dispersion equation in a finite porous domain	UGC-CARE
30				Analytical solutions for scale and time dependent solute transport in heterogeneous porous medium	UGC-CARE