DEPARTMENT OF APPLIED SCIENCE & ENGINEERING

FACULTY CONTRIBUTION (RESEARCH PAPERs)

S.No.	Faculty Name	Designation	Academic Session	Paper Title	Indexing
1	DR ABHISHEK DADHEECHYA	ASSOCIATE PROFESSOR	2025-26	Characterization of Activated Carbon Nano-materials Prepared from Sugarcane Bagasse and Its Effectiveness for Removal of Arsenic from Aqueous Solutions.	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-stabilized zinc sulfide nanocolloid in glucose and urea medium at different temperatures: a conductometric study	SCOPUS
5	MR. GAURAV KUMAR GUPTA	ASSISTANT PROFESSOR	2025-26	A cyclic oxidation of 304L and 316L stainless steel coated and uncoated with Cr3C2-NiCr at elevated temperature	SCI
6	MR. ASHRIWAD 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 surface source	UGC-CARE
11	RAMALESHWAR 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	2-(4-(1-(4-methylbenzyl)-1,4-dihydroquinoxaline-2,3-dione-6-yl	SCI
11			2024-25	4-(Phenyl-2H-tetrazol-5-yl)-benzyl)-quinoxaline-2,3(1H,4H)-dione	SCI
12	DR. RUCHI SINGH	PROFESSOR	2024-25	Quantification of alpha-lipoic acid in pharmaceutical samples using PMT[catalyzed ligand substitution reaction in SLS micellar medium	SCOPUS
13			2024-25	Quantification of Taurine in pharmaceuticals by exploiting its inhibitory impact on the PMT[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 (L, (μ)-SLANT HANKEL OPERATORS ON L2(T)	SCOPUS