


Department of Mathematics

Research Areas of Faculty Members


S. No.	Name of the Faculty	Designation	Research Area
1	Prof. MANISH GOYAL	Professor & Associate Head	Numerical Solution of Fractional Differential Equations
2	Prof. UMESH KUMAR SHARMA	Professor	General Relativity, Cosmology, Dark Energy, Modified Gravity
3	Dr. AMBUJ KUMAR MISHRA	Associate Professor	General Relativity, Cosmology, Wormholes, Complex Analysis
4	Dr. ARCHANA DIXIT	Associate Professor	Cosmology, Bio-Mathematics
5	Dr. VINOD KUMAR BHARDWAJ	Associate Professor	General Relativity, Cosmology, Operations Research
6	Dr. VIPIN CHANDRA DUBEY	Associate Professor	General Relativity, Cosmology
7	Dr. MUKESH KUMAR	Associate Professor	General Relativity, Cosmology
8	Dr. AMIT KUMAR SARASWAT	Associate Professor	Inventory Management, Fractional Calculus, Fluid Dynamics
9	Dr. PRIYANKA GARG	Assistant Professor	General Relativity, Cosmology
10	Dr. SANJEEV GUPTA	Assistant Professor	Variational Inequalities, Cosmology
11	Dr. HARIOM SHARMA	Assistant Professor	Shockwaves, Hyperbolic Partial Differential Equations
12	Dr. ABHISHEK KUMAR SINGH	Assistant Professor	Moving Boundary Problem, Stefan Problem
13	Dr. SWETA SHUKLA	Assistant Professor	Multivariate Statistics, Spatial Statistics and Outlier Detection
14	Dr. MOHIT KUMAR	Assistant Professor	Graph theory, Discrete Mathematics and Algebra
15	Dr. POOJA VERMA	Assistant Professor	Evolutionary Optimization, Artificial intelligence techniques


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S. No.	Name of the Faculty	Designation	Research Area
16	Dr. KAPIL KUMAR	Assistant Professor	Derivations in Rings and Algebras
17	Dr. DIVYA GUPTA	Assistant Professor	Low-dimensional dynamics
18	Dr. JAYATI TRIPATHI	Assistant Professor	Biomedical Engineering, Nanofluids, Modeling and Simulation
19	Dr. ANKITA PANDEY	Assistant Professor	AI & ML, Deep learning, Computer Vision, Image classification
20	Dr. JAUNY	Assistant Professor	Optimization Techniques
21	Dr. CHANDNI KUMARI	Assistant Professor	Numerical Analysis
22	VINEET KUMAR CHAURASIYA	Assistant Professor	Differential Equations, Fluid Dynamics, Numerical Methods and Applications
23	Dr. RAJEEV PRASAD	Assistant Professor	Fuzzy With Linear Programming Problem
24	Dr. SHITESH SHUKLA	Assistant Professor	Differential Equations
25	Dr. SANDEEP KUMAR	Assistant Professor	Bayesian Inference, Ecological Models, Mathematical Models, Statistical Inference
26	Dr. MASUM RAJ	Assistant Professor	Fuzzy System, Fuzzy Set Theory
27	Dr. ANKITA DUBEY	Assistant Professor	Non-Newtonian Bio Fluid Flow, Cardiovascular Diseases, Nanofluid Flows, Heat and mass transfer, Boundary layer flow.


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