

DEPARTMENT OF MATHEMATICS

RESEARCH GROUPS

• Major Research Groups			
S. No.	Research Area	Group Members	Group Mentor(s)
1	General Relativity and Cosmology	Dr. Ambuj Kumar Mishra Dr. Vinod Kumar Bhardwaj Dr. Vipin Chandra Dubey Dr. Mukesh Kumar Dr. Priyanka Garg Dr. Sanjeev Gupta	Prof. Anirudh Pradhan (Distinguished Professor and Director, CCASS) Prof. Umesh Kumar Sharma (Professor, Department of Mathematics)
2	Fractional Differential Equations	Dr. Amit Kumar Saraswat Dr. Vinod Kumar Bhardwaj	Prof. Manish Goyal (Professor and Associate Head, Department of Mathematics)

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• Minor Research Groups		
S. No.	Research Area(s)	Group Members
1	Statistics / AI & ML / Deep learning	Dr. Sweta Shukla Dr. Sandeep Kumar Dr. Masum Raj Dr. Ankita Pandey
2	Differential Equations / Numerical Analysis	Dr. Abhishek Kumar Singh Dr. Chandni Kumari Dr. Divya Gupta
3	Algebra / Graph Theory	Dr. Mohit Kumar Dr. Kapil Kumar
4	Fluid Dynamics / Bio Fluid Flow / Nanofluid Flows / Cardiovascular Diseases / Modeling and Simulation	Dr. Jayati Tripathi Dr. Ankita Dubey Dr. Vineet Kumar Chaurasiya
5	Operations Research/ Evolutionary Optimization/ Fuzzy with LPP	Dr. Amit Kumar Saraswat Dr. Vinod Kumar Bhardwaj Dr. Pooja Verma Dr. Rajeev Prasad