



JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Mathematics



Research Initiatives

Department of Mathematics at JSSATE Noida was established in the year 1998. At present, there are 7 faculty members (including ad-hoc) in the department and 6 of them are Ph.Ds and 1 faculty with Ph.D submitted. Faculty members having research expertise in different areas of mathematics such as Reliability Modelling and Analysis, Fluid Mechanics, Differential Geometry and Fuzzy Set Theory; are available for research scholars to carry out research in their respective area. So far, two research scholars have been awarded their Ph.D. degree under Dr. Bhupender Parashar registered in different universities of U.P., Haryana and Rajasthan.

Ph.D. was awarded to the following Research Scholars of Mathematics department.

Sl. No.	Guide	Research Scholar (Part/ Full Time)	Research Topic	Year of Award
1	Dr Bhupender Parashar	Ms. Anjali Naithani (Part Time)	Information – Based Modelling to Analyse Reliability and Other Measures for the System Under Consideration	2015
		Ms. Ranu Pandey (Part Time)	Real Situation Information Based Reliability Modelling and Analysis of a Technological System	2020

Research scholar Pursuing Ph.D in Mathematics Dept.

S. No.	Guide	Research Scholar(Part time/Full time)	Research Topic	Registration	Status

Research Guides and Areas Available for Ph.D. Programs

Sl. No.	Research Guide	Area of Specialization
1	Dr Bhupender Parashar	Reliability Modelling and Analysis, Statistics and Operations Research
2	Dr Anushri Verma	Fluid Dynamics
3	Dr. Shalini Singh	Differential Geometry
4	Dr. Vinita Khemchandani	Computational Fluid Dynamics
5	Dr. Nikunj Agarwal	Fuzzy Set Theory, Intuitionistic Fuzzy set theory, Decision Making
6	Dr. Ranu Pandey	Reliability Modelling and Analysis, Fluid Dynamics