


## DEPARTMENT OF MATHEMATICS


### DETAILS OF ENROLLED PH.D. STUDENTS (AUGUST 2024)

<b>Name of Research Scholar (1)</b>	<b>Jyoti</b>	
<b>Brief Biography</b>	She has received her B.Sc. (Hons.) in Mathematics from Govt. College Solan (H.P.) and the M.Sc. from Bahra University (H.P.) in 2016 and 2018, respectively. She is currently pursuing her PhD in Mathematics from Jaypee University of Information Technology (JUIT), Waknaghat. Her skill set includes proficiency in MATHEMATICA, ORIGIN, MATLAB, and LATEX typesetting and publishing.	
<b>Ph.D. Supervisor</b>	<b>Dr. Mandeep Singh</b>	
<b>Research Field</b>	Iterative methods for the solution of nonlinear differential equations.	
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<b>Date of Enrolment</b>	21-09-2020	
<b>Name of Research Scholar (2)</b>	<b>Himanshu Dhumras</b>	
<b>Brief Biography</b>	He has received his B.Sc. (Hons.) in Mathematics from Govt. College Sanjauli, (H.P.) and the M.Sc. from Himachal Pradesh University, (H.P.) in 2016 and 2018, respectively. He is currently doing his PhD (Mathematics) from Jaypee University of Information Technology (JUIT), Waknaghat. His skill set includes MATLAB, LATEX typesetting and publishing.	
<b>Ph.D. Supervisor</b>	<b>Prof. (Dr.) Rakesh Kumar Bajaj</b>	
<b>Research Field</b>	Fuzzy Information Measures & Decision-Making Techniques	
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<b>Date of Enrolment</b>	20-08-2021 (Thesis Submitted)	
<b>Name of Research Scholar (3)</b>	<b>Monika Pathak</b>	
<b>Brief Biography</b>	She has received her B.Sc. (Hons.) in Mathematics from Govt. College Solan (H.P.) in 2016 and her M.Sc. from Himachal Pradesh University Shimla in 2018. Currently, she is pursuing her Ph.D. in Mathematics from Jaypee University of Information Technology (JUIT), Waknaghat. Her skill set includes proficiency in MATLAB, as well as expertise in LATEX typesetting and publishing.	
<b>Ph.D. Supervisors</b>	<b>Prof. (Dr.) Rakesh Kumar Bajaj &amp; Dr. Aman Sharma (CSE)</b>	
<b>Research Field</b>	Fuzzy Decision-Making, Information Measure and Soft Computing Techniques.	
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<b>Date of Enrolment</b>	06-09-2022	

<b>Name of Research Scholar (4)</b>	<b>Muskan Kapoor</b>	
<b>Brief Biography</b>	She has received her B.Sc. (Hons.) in Mathematics and the M.Sc. from Shoolini University (H.P.) in 2020 and 2022, respectively. She is currently doing her PhD (Mathematics) from Jaypee University of Information Technology (JUIT), Wagnaghat. Her skill set includes C++, MATLAB, LATEX typesetting and publishing.	
<b>Ph.D. Supervisors</b>	<b>Dr. B.K. Pathak &amp; Prof. (Dr.) Rajiv Kumar (ECE)</b>	
<b>Research Field</b>	Multi-Objective Optimization Problems Solved Using Soft Computing Techniques.	
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<b>Name of Research Scholar (5)</b>	<b>Sonali Rangra</b>	
<b>Brief Biography</b>	After the completion of her graduation (B.Sc.) from CSK Himachal Pradesh Agricultural University with 7.57 CGPA, she joined Central University of Himachal Pradesh in 2018 for completing her master's degree with major in Mathematics (8.40 CGPA). She is currently working as a research scholar in Mathematical Modeling and Simulation under Dr. Neelkanth where she wishes to imbibe research skills to be a better researcher.	
<b>Ph.D. Supervisors</b>	<b>Dr. Neel Kanth &amp; Dr. Jitendra Kumar (I.I.T. Ropar)</b>	
<b>Research Field</b>	Mathematical Modelling & Simulation of Calendaring System Using Soft Computing.	
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<b>Name of Research Scholar (6)</b>	<b>Suyash Parkash Chauhan</b>	
<b>Brief Biography</b>	He has received his B.Sc. (Hons.) in Mathematics from Govt. College Solan (H.P.) and the M.Sc. Maths from Himachal Pradesh University Shimla (H.P) in 2018 and 2021, respectively. Currently, he is doing his PhD from Jaypee University Of Information Technology (JUIT) Wagnaghat Solan (H.P). His skill set includes LATEX and MATLAB.	
<b>Ph.D. Supervisors</b>	<b>Dr. Pradeep Kumar Pandey &amp; Dr. Sudhakar Kumar Chaubey, University of Technology &amp; Applied Sciences, Oman</b>	
<b>Research Field</b>	Differential Geometry	
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<b>Name of Research Scholar (7)</b>	<b>Supriya Sharma</b>	
<b>Brief Biography</b>	She has received her B.Sc. in Mathematics from BBN College chakmoh Hamirpur in 2019 and M.Sc. in Mathematics from NSCBM Govt. college Hamirpur (H.P) in 2021. Currently she is doing PhD (Mathematics) from Jaypee University of Information Technology (JUIT), Wagnaghat, Solan. Her skill set includes LATEX, C++ and MATHEMATICA.	
<b>Ph.D. Supervisors</b>	<b>Prof. (Dr.) R.S. Raja Durai</b> & <b>Prof. (Dr.) Ki-Bong Nam, University of Wisconsin, USA</b>	
<b>Research Field</b>	Algebraic coding theory	
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<b>Name of Research Scholar (8)</b>	<b>Bhavna Mahant</b>	
<b>Brief Biography</b>	She has received her B.Sc. in Mathematics from Govt. PG Collage Seema, Rohru (H.P) with an 8.91 CGPA. She joined Himachal Pradesh University in 2017 to 2021 for completing her M.Sc. and M. Phil. in Mathematics from Himachal Pradesh University with 89.75% (specialization Cryptography). She has also Three Year Teaching Experience in Bahra University (2021- 2024). Currently She is doing her PhD (Regular) from Jaypee University of Information Technology (JUIT) Wagnaghat, Solan (H.P).	
<b>Ph.D. Supervisors</b>	<b>Prof. (Dr.) Rakesh Kumar Bajaj</b> & <b>Dr. Vikas Baghel (ECE)</b>	
<b>Research Field</b>	Generalized Fuzzy Information Measures in Evolutionary Computing with Applications	
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<b>Date of Enrolment</b>	20-07-2024	
<b>Name of Research Scholar (9)</b>	<b>Sunaina Mahant</b>	
<b>Brief Biography</b>	She has received her B.Sc. in Mathematics from Govt. PG Collage Seema, Rohru (H.P.) with an 8.18 CGPA. She joined Himachal Pradesh University in 2016 to 2020 to complete her MSc. and M. Phil. in Mathematics from HPU with 89% (specialization Cryptography). She also had three-year teaching experience at Bahra University (2021-2024). Currently, she is doing her PhD (Reg) from Jaypee University of Information Technology (JUIT) Wagnaghat, Solan. Her skill set includes MATLAB & LaTeX typesetting & publishing.	
<b>Ph.D. Supervisors</b>	<b>Dr. Saurabh Srivastava &amp;</b> <b>Dr. Alok Kumar (ECE)</b>	
<b>Research Field</b>	Numerical optimization techniques and its applications.	
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<b>Name of Research Scholar (10)</b>	<b>Ritesh Gupta</b>	
<b>Brief Biography</b>	He has received his B.Sc. (Hons.) in Mathematics from Govt. College Nalagarh (H.P.) in 2016 and the M.Sc. from Himachal Pradesh University (H.P.) in 2018. He is currently doing his PhD (Mathematics) from Jaypee University of Information Technology (JUIT), Wagnaghat. His skill set includes MATLAB, LATEX typesetting and publishing. He also has four years of teaching experience.	
<b>Ph.D. Supervisors</b>	<b>Dr. Mandeep Singh</b> & <b>Dr. Salman Raju Talluri (ECE)</b>	
<b>Research Field</b>	Numerical technique for a class of differential equations and its applications.	
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