

Department of Mathematics.
Details of Enrolled Ph.D. Students.

Name of Research Scholar	Monika Pathak	
Brief Biography	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), Wagnaghat. Her skill set includes proficiency in MATLAB, as well as expertise in LATEX typesetting and publishing.	
Ph.D. Supervisors	Prof. (Dr.) Rakesh Kumar Bajaj & Dr. Aman Sharma (CSE)	
Research Field	Fuzzy Decision-Making, Information Measure and Soft Computing Techniques.	
Email Id	228060002@juitsolan.in	
Contact No.	9459864111	
Date of Enrolment	06-09-2022	
Name of Research Scholar	Muskan Kapoor	
Brief Biography	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.	
Ph.D. Supervisors	Dr. B.K. Pathak & Prof. (Dr.) Rajiv Kumar (ECE)	
Research Field	Multi-Objective Optimization Problems Solved Using Soft Computing Techniques.	
Email Id	228060003@juitsolan.in	
Contact No.	7018955018	
Date of Enrolment	06-09-2022	
Name of Research Scholar	Sonali Rangra	
Brief Biography	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 where she wishes to imbibe research skills to be a better researcher.	
Ph.D. Supervisors	Dr. Neel Kanth & Dr. Jitendra Kumar (IIT Ropar)	
Research Field	Mathematical Modelling & Simulation of Calendaring System Used in EV's Using Soft Computing.	
Email Id	236852@juitsolan.in	
Contact No.	8219855964	
Date of Enrolment	01-08-2023	

Name of Research Scholar	Suyash Parkash Chauhan	
Brief Biography	He has received his B.Sc. (Hons.) in Mathematics from Govt. College Solan (H.P.) and the M.Sc. in Mathematics from Himachal Pradesh University Shimla (H.P.) in 2018 and 2021, respectively. Currently, he is doing his Ph.D. at Jaypee University of Information Technology (JUIT), Wagnaghat. He is experienced in working with LaTeX, MATLAB, and Maple.	
Ph.D. Supervisors	Dr. Pradeep Kumar Pandey & Dr. Sudhakar Kumar Chaubey (UTAS, Oman)	
Research Field	Applications of Differential Geometry and Manifolds.	
Email Id	suyash968@gmail.com, 236853@juitsolan.in	
Contact No.	9317137101	
Date of Enrolment	12-09-2023	
Name of Research Scholar	Supriya Sharma	
Brief Biography	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.	
Ph.D. Supervisors	Prof. (Dr.) R. S. Raja Durai & Prof. (Dr.) Ki-Bong Nam, University of Wisconsin, USA	
Research Field	Algebraic Coding Theory.	
Email Id	246851@juitsolan.in	
Contact No.	8629072696	
Date of Enrolment	20-07-2024	
Name of Research Scholar	Bhavna Mahant	
Brief Biography	She completed her B.Sc. in Mathematics from Government P.G. College, Seema (now Raja Virbhadr Singh Government College), Rohru (H.P.). From 2017 to 2021, she pursued her M.Sc. and M.Phil. in Mathematics at Himachal Pradesh University. She is currently pursuing her Ph.D. at Jaypee University of Information Technology (JUIT), Wagnaghat, Solan (H.P.). Her skills include MATLAB, LaTeX, and MS Excel for typesetting, analysis, and publishing.	
Ph.D. Supervisors	Prof. (Dr.) Rakesh Kumar Bajaj & Dr. Vikas Baghel (ECE)	
Research Field	Generalized Fuzzy Information Measures in Multi-criteria Decision-Making with Engineering Applications.	
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Contact No.	9459369931	
Date of Enrolment	20-07-2024	

Name of Research Scholar	Sunaina Mahant	
Brief Biography	She has received her B.Sc. in Mathematics from Government P.G. College, Seema (now Raja Virbhadra Singh Government College), Rohru (H.P.). She joined Himachal Pradesh University from 2016 to 2020 to complete her MSc and M. Phil. in Mathematics. Currently, she is doing her PhD at Jaypee University of Information Technology (JUIT), Wagnaghat, Solan (H.P.). Her skill set includes MATLAB, Python, and LaTeX typesetting and publishing.	
Ph.D. Supervisors	Dr. Sourabh Shrivastva & Dr. Alok Kumar (ECE)	
Research Field	Numerical Optimization Techniques and its Applications.	
Email Id	246853@juitsolan.in	
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Date of Enrolment	20-07-2024	
Name of Research Scholar	Ritesh Gupta	
Brief Biography	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.	
Ph.D. Supervisors	Dr. Mandeep Singh & Dr. Salman Raju Talluri (ECE)	
Research Field	Numerical Technique for a Class of Differential Equations and its Applications.	
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Date of Enrolment	20-07-2024	
Name of Research Scholar	Kritika Garg	
Brief Biography	She has received her B.Sc. (Hons.) in Mathematics from Govt. College Bilaspur (H.P.) in 2016 and her M.Sc. from Vallabh Govt. College, Mandi in 2018. She completed her M. Phil form Himachal Pradesh University (H.P.) in 2021. Currently, she is pursuing her Ph.D. in Mathematics from Jaypee University of Information Technology (JUIT), Wagnaghat. Her skill set includes Python, MATLAB, as well as expertise in LATEX.	
Ph.D. Supervisors	Dr. Bhupendra K Pathak & Prof. (Dr.) Tirath Raj Singh (BI/BT)	
Research Field	Optimization	
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Contact No.	9459686987	
Date of Enrolment	15-07-2025	

Name of Research Scholar	Isha Chandel	
Brief Biography	She has received her B.Sc. in Mathematics from Govt. College Bilaspur (H.P.) in 2022 and M.Sc. in Mathematics from H P U Regional Center Dharmashala in 2024, respectively. She is currently doing her PhD (Mathematics) from Jaypee University of Information Technology (JUIT), Wagnaghat. Her skill set includes MATLAB and LATEX.	
Ph.D. Supervisors	Dr. Neel Kanth & Dr. Jitendra Kumar (IIT Ropar)	
Research Field	Mathematical Modeling and Simulation.	
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Date of Enrolment	15-07-2025	
Name of Research Scholar	Samriti Chandel	
Brief Biography	She has received her B.Sc. from Govt. College Solan (H.P.) in 2023 and her M.Sc. from Shoolini University in 2025. Currently, she is pursuing her Ph.D. in Mathematics from Jaypee University of Information Technology (JUIT), Wagnaghat. Her skill set includes proficiency in MATLAB, as well as expertise in LATEX.	
Ph.D. Supervisors	Dr. Bhupendra K Pathak & Dr. Gajendra K Vishwakarma (IIT Dhanbad)	
Research Field	Applied Optimization Problems.	
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Date of Enrolment	15-07-2025	
Name of Research Scholar	Jitika	
Brief Biography	She has received her B.Sc. from Govt. P. G. College Rampur Bushahr (H.P.) in 2023 and her M.Sc. from Shoolini University in 2025. Currently, she is pursuing her Ph.D. in Mathematics from Jaypee University of Information Technology (JUIT), Wagnaghat. Her skill set includes MATLAB, as well as expertise in LATEX.	
Ph.D. Supervisors	Dr. Pradeep Kumar Pandey & Prof. (Dr.) Pardeep Kumar (CSE)	
Research Field	Differential Geometry	
Email Id	jitikanegi@gmail.com, 256854@juitsolan.in	
Contact No.	8219382368	
Date of Enrolment	15-07-2025	