

**DEPARTMENT OF ENVIRONMENTAL SCIENCE AND ENGINEERING,
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
(‘A+’ GRADE NAAC ACCREDITED)**

List of ongoing Ph.D. Scholars as on 06.02.2026

Sr. No	Registration No.	Name of the Candidate	Topic of Research	Name of Supervisor	Name of Co-supervisor	Date of Registration, if Registered	Date of admission in Ph.D., if not Registered
1.	16049002	Ms. Jitender Josun	Adsorption and Photocatalytic degradation of Dyes Using Nanoparticles	Dr. Praveen Sharma	Prof. V.K. Garg	05.05.2016	--
2.	16049005	Ms. Sunita Punia	Application of Biogenic Metallic Nanoparticle in Heavy Metal Removal from Wastewater	Prof. Asha Gupta	--	11.11.2016	--
3.	190040090006	Mr. Ashok Kumar	Environmental mastitis in buffaloes: challenges and management	Prof. Rajesh Lohchab	--	--	05-11-20
4.	190040090007	Ms. Sweta Kumari	Biodegradation of Bio-Plastic synthesized from Agricultural waste	Prof. Asha Gupta	Prof. Narsi Ram Bishnoi	05.11.2019	--
5.	190040090008	Ms. Nisha	Improved Butanol production from cellulosic biomass by adaptive evolution approach	Prof. Narsi Ram Bishnoi	Dr. Anita Singh, CU, Jammu	05.11.2019	--
6.	190040090104	Ms. Divya	Impact of Environmental Factors on Quality of Herbal Drugs and their Development	Prof. Praveen Sharma	Dr. Praveen Bansal	20.07.2021	--
7.	190040090106	Ms. Priti Kumari	Composting of rice straw using Microorganisms and Nanoparticles	Prof. Rajesh Kumar Lohchab	--	20.07.2021	--
8.	190040090107	Ms. Priyanka	Development and Characterization of Rice Husk Reinforced Polymer composites using Industrial Waste	Dr. Anu Gupta	--	20.07.2021	--
9.	190040090108	Mr. Karmjeet	Synthesis of Ionic Liquid Based Nanomaterials and Their Environmental Application	Dr. Santosh Bhukal	--	20.07.2021	--
10.	190040090109	Ms. Jyoti Bala	Landfill Leachate Treatment By using Nanoparticles Loaded Adsorbents Prepared from Agro-waste	Prof. Rajesh Kumar Lohchab	--	20.07.2021	--
11.	190040090111	Ms. Nalini	Microbial Fuel Cell Coupled with Constructed-	Prof. Praveen	Prof. V.K. Garg	20.07.2021	--

			Floating Wetland for the treatment of Wastewater and Generation of Bioenergy	Sharma			
12.	190040090112	Ms. Vishu Choudhary	Assessment of Impact of Crop Residue Burning on Soil Health	Prof. Rajesh Kumar Lohchab	--	20.07.2021	--
13.	190040090114	Ms. Sujata	Evaluation of Thermophilic and Mesophilic Algal Compounds for Nutraceuticals	Dr. Santosh Bhukal	Dr. Mona Sharma	20.07.2021	--
14.	190040090115	Ms. Anjali Yadav	Evaluation of Marine Algal-Derived Metabolites for Cosmeceutical Applications	Dr. Santosh Bhukal	Dr. Mona Sharma	20.07.2021	--
15.	190040090116	Mr. Sunder	Studies on Microbial Degradation of Lignocellulosic waste	Prof. Jitender Pal	--	20.07.2021	--
16.	190040090117	Mr. Sumeet Kumar	Bioremediation of heavy metal contaminated waste water using Algal based Modified Nanocellulose	Prof. Jitender Pal	--	20.07.2021	--
17.	200040090101	Mr. Anuj Sharma	Sequestration of Textile Dyes from Wastewater using Algal Nanoparticles	Prof. Praveen Sharma	Dr. Mona Sharma	10.10.2022	--
18.	200040090102	Mr. Deepak	Bioethanol Production from Agricultural Waste Residues using Nano Additive	Prof. Rajesh Kumar Lohchab	--	21.12.2021	--
19.	200040090103	Ms. Vibhuti Sharma	Study the Effects of Co-Composted Biochar on Mycoremediation of Industrial Waste Contaminated Soil	Prof. Praveen Sharma	--	14.10.2022	--
20.	200040090104	Ms. Soniya Chaudhary	Agricultural use of Flue Gas Desulphurised (Fgd) Gypsum And Its Impact Assessment on Soil and Produce	Prof Praveen Sharma	--	14.10.2022	--
21.	200040090105	Mr. Ankur	Synthesis of Nanomaterial Infused Bioplastic from Biowaste	Prof. Asha Gupta	--	14.10.2022	--
22.	200040090106	Ms. Minakshi	Development and Characterization of Polymer Composites using Hospital Waste and its Application	Dr. Anu Gupta	--	14.10.2022	--
23.	200040090107	Ms. Sugamta	Removal of Heavy Metals and Dyes using Metal Oxide Nanoparticles Derived from E-Waste	Dr. Anu Gupta	--	17.03.2023	--
24.	200040090108	Mr. Rishi	Heavy Metals Remediation from Wastewater using Algal Mediated Nanomaterials	Dr. Santosh Bhukal	Dr. Rachna Bhatneria	14.10.2022	--

25.	200040090109	Ms. Divya Siwach	Synthesis And Characterization of Silica	Dr. Anu Gupta	--	21.12.2021	--
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			Nanoparticles from Rice Crop Residues & their Application as Nano-Fertilizers				
26.	200040090110	Ms. Divya	Evaluation of Green Synthesized Metallic Nanoparticles as Potential Tool for Sustainable Agricultural Practice	Dr. Santosh Bhukal	Dr. Sumistha Das	14.10.2022	--
27.	200040090111	Ms. Divya	Potential Application of Carbon-Based Materials/Composites for the removal of Emerging Pollutants from Water	Dr. Santosh Bhukal	Dr. Navish Kataria	14.10.2022	--
28.	200040090113	Ms. Vinita Sharma	Development and Characterisation of Sugarcane Bagasse Reinforced Polymer Composite using Coconut Coir and Wood Apple Shell as Filler	Dr. Anu Gupta	--	14.10.2022	--
29.	200040090114	Ms. Monika Yadav	Removal of Hydrocarbons using Fly ash based Nanoparticles	Prof. Jitender Pal	--	21.12.2021	--
30.	200040090115	Ms. Pooja Rani	Removal of Dyes using Magnetic Nanoparticles	Prof. Jitender Pal	--	21.12.2021	--
31.	210040090101	Ms. Shabnam	Removal of phosphate and nitrate from wastewater using nanomaterial loaded activated carbon prepared from agro-waste	Prof. Rajesh Kumar Lohchab	--	17-03-2023	--
32.	210040090102	Ms. Surender	Treatment of Dairy Wastewater using Constructed Wetland Integrated with Microbial Fuel Cell	Dr. Anita Singh Kirrolia	--	11-08-2023	--
33.	210040090103	Ms. Diksha	A Study on the efficacy of medicinal plant-based nanoparticles for the removal of waterborne pathogens	Dr. Anita Singh Kirrolia	--	11-08-2023	--
34.	210040090104	Mr. Ashish Solanki	Nano-adsorbent based Biodegradation of Plastic Waste: An approach toward the Circular Economy	Prof. Parveen Sharma	Dr. Dushyant Kumar	11-08-2023	--
35.	210040090105	Ms. Tamanna Kumari	Application of Rice Husk based Biosorbent for Removal of Dyes from Wastewater	Dr. Lakhvinder Singh	--	17-03-2023	--
36.	230040091001	Mr. Utkarsh Sharma	--	Dr. Anita Singh Kirrolia	--	--	21-08-2023
37.	230040091002	Mr. Sahil	--	Prof. Jitender Pal	--	--	21-08-2023

38.	230040092002	Mr. Akash Kumar	--	Dr. Lakhvinder	--	--	04-03-2024
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				Singh			
39.	230040092004	Mr. Pardeep	--	Prof. Narsi Ram Bishnoi	--	--	02-04-2024
40.	230040092005	Ms. Nancy Dutt	--	Prof. Parveen Sharma	--	--	02-04-2024
41.	230040092006	Ms. Priya	--	Prof. Parveen Sharma	--	--	04-03-2024
42.	240040092001	Ms. Kanu	--	Prof. Parveen Sharma	--	--	21-04-2025
43.	240040092002	Ms. Annu	--	Prof. Asha Gupta	--	--	21-04-2025
44.	250040091001	Ms. Ankita	--	Prof. Asha Gupta	--	--	03-09-2025
45.	250040091002	Ms. Annu	--	Prof. Rajesh Kumar Lohchab	--	--	03-09-2025
46.	250040092001	Ms. Anjali Panchal	--	Dr. Anita Singh Kirrolia	--	--	08-01-2026
47.	250040092002	Mr. Prashant	--	Prof. Rajesh Lohchab	--	--	08-01-2026