**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 17.07.2025**

| **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** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 16049002 | Ms. Jitender Josun | Adsorption and Photocatalytic degradation of Dyes Using Nanoparticles | Dr. Praveen Sharma | | Prof. V.K. Garg | | 05.05.2016 | | -- |
|  | 16049005 | Ms. Sunita Punia | Application of Biogenic Metallic Nanoparticle in Heavy Metal Removal from Wastewater | Prof. Asha Gupta | | -- | | 11.11.2016 | | -- |
|  | 190040090001 | Ms. Sangita Yadav | Application of Microbiosynthetic Metallomic Nanoparticles for Treatment of Textile Dye Effluent | Prof. Asha Gupta | | -- | | 02-05-2019 | | -- |
|  | 190040090006 | Mr. Ashok Kumar | Environmental mastitis in buffaloes: challenges and management | Prof. Rajesh Kumar Lohchab | | -- | | 05.11.2019 | | -- |
|  | 190040090007 | Ms. Sweta Kumari | Biodegradation of Bio-Plastic synthesized from Agricultural waste | Prof. Asha Gupta | | Prof. Narsi Ram Bishnoi | | 05.11.2019 | | -- |
|  | 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 | | -- |
|  | 190040090104 | Ms. Divya | Impact of Environmental Factors on Quality of Herbal Drugs and their Development | Prof. Praveen Sharma | | Dr. Praveen Bansal | | 20.07.2021 | | -- |
|  | 190040090105 | Ms. Pooja Ranwala | Removal of Polyaromatic Hydrocarbon with Metal Oxides coated Cellulose Nanofibres | Prof. Jitender Pal | | -- | | 20.07.2021 | | -- |
|  | 190040090106 | Ms. Priti Kumari | Composting of rice straw using Microorganisms and Nanoparticles | Prof. Rajesh Kumar Lohchab | | -- | | 20.07.2021 | | -- |
|  | 190040090107 | Ms. Priyanka | Development and Characterization of Rice Husk Reinforced Polymer composites using Industrial Waste | Dr. Anu Gupta | | -- | | 20.07.2021 | | -- |
|  | 190040090108 | Mr. Karmjeet | Synthesis of Ionic Liquid Based Nanomaterials and Their Environmental Application | | Dr. Santosh Bhukal | -- | 20.07.2021 | | -- | | |
|  | 190040090109 | Ms. Jyoti Bala | Landfill Leachate Treatment By using Nanoparticles Loaded Adsorbents Prepared from Agro-waste | | Prof. Rajesh Kumar Lohchab | -- | 20.07.2021 | | -- | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 190040090111 | Ms. Nalini | Microbial Fuel Cell Coupled with Constructed-Floating Wetland for the treatment of Wastewater and Generation of Bioenergy | Prof. Praveen Sharma | Prof. V.K. Garg | 20.07.2021 | | -- |
|  | 190040090112 | Ms. Vishu Choudhary | Assessment of Impact of Crop Residue Burning on Soil Health | Prof. Rajesh Kumar Lohchab | -- | 20.07.2021 | | -- |
|  | 190040090114 | Ms. Sujata | Evaluation of Thermophilic and Mesophilic Algal Compunds for Nutraceuticals | Dr. Santosh Bhukal | Dr. Mona Sharma | 20.07.2021 | | -- |
|  | 190040090115 | Ms. Anjali Yadav | Evaluation of Marine Algal-Derived Metabolites for Cosmeceutical Applications | Dr. Santosh Bhukal | Dr. Mona Sharma | 20.07.2021 | | -- |
|  | 190040090116 | Mr. Sunder | Studies on Microbial Degradation of Lignocellulosic waste | Prof. Jitender Pal | -- | 20.07.2021 | | -- |
|  | 190040090117 | Mr. Sumeet Kumar | Bioremediation of heavy metal contaminated waste water using Algal based Modified Nanocellulose | Prof. Jitender Pal | -- | 20.07.2021 | | -- |
|  | 200040090101 | Mr. Anuj Sharma | Sequestration of Textile Dyes from Wastewater using Algal Nanoparticles | Prof. Praveen Sharma | Dr. Mona Sharma | 10.10.2022 | | -- |
|  | 200040090102 | Mr. Deepak | Bioethanol Production from Agricultural Waste Residues using Nano Additive | Prof. Rajesh Kumar Lohchab | -- | 21.12.2021 | | -- |
|  | 200040090103 | Ms. Vibhuti Sharma | Study the Effects of Co-Composted Biochar on Mycoremediation of Industrial Waste Contaminated Soil | Prof. Praveen Sharma | -- | 14.10.2022 | | -- |
|  | 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 | | -- |
|  | 200040090105 | Mr. Ankur | Synthesis of Nanomaterial Infused Bioplastic from Biowaste | Prof. Asha Gupta | -- | 14.10.2022 | | -- |
|  | 200040090106 | Ms. Minakshi | Development and Characterization of Polymer Composites using Hospital Waste and its Application | Dr. Anu Gupta | -- | | 14.10.2022 | -- |
|  | 200040090107 | Ms. Sugamta | Removal of Heavy Metals and Dyes using Metal Oxide Nanoparticles Derived from E-Waste | Dr. Anu Gupta | -- | | 17.03.2023 | -- |
|  | 200040090108 | Mr. Rishi | Heavy Metals Remediation from Wastewater using Algal Mediated Nanomaterials | Dr. Santosh Bhukal | Dr. Rachna Bhateria | | 14.10.2022 | -- |

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|  | 200040090109 | Ms. Divya Siwach | Synthesis And Characterization of Silica Nanoparticles from Rice Crop Residues & their Application as Nano-Fertilizers | Dr. Anu Gupta | -- | 21.12.2021 | -- |
|  | 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 | -- |
|  | 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 | -- |
|  | 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 | -- |
|  | 200040090114 | Ms. Monika Yadav | Removal of Hydrocarbons using Fly ash based Nanoparticles | Prof. Jitender Pal | -- | 21.12.2021 | -- |
|  | 200040090115 | Ms. Pooja Rani | Removal of Dyes using Magnetic Nanoparticles | Prof. Jitender Pal | -- | 21.12.2021 | -- |
|  | 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 | -- |
|  | 210040090102 | Ms. Surender | Treatment of Dairy Wastewater using Constructed Wetland Integrated with Microbial Fuel Cell | Dr. Anita Singh Kirrolia | -- | 11-08-2023 | -- |
|  | 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 | -- |
|  | 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 | -- |
|  | 210040090105 | Ms. Tamanna Kumari | Application of Rice Husk based Biosorbent for Removal of Dyes from Wastewater | Dr. Lakhvinder Singh | -- | 17-03-2023 | -- |
|  | 230040091001 | Mr. Utkarsh Sharma | -- | Dr. Anita Singh Kirrolia | -- | -- | 21-08-2023 |
|  | 230040091002 | Mr. Sahil | -- | Prof. Jitender Pal | -- | -- | 21-08-2023 |

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|  | 230040092002 | Mr. Akash Kumar | -- | Dr. Lakhvinder Singh | -- | -- | 04-03-2024 |
|  | 230040092004 | Mr. Pardeep | -- | Prof. Narsi Ram Bishnoi | -- | -- | 02-04-2024 |
|  | 230040092005 | Ms. Nancy Dutt | -- | Prof. Parveen Sharma | -- | -- | 02-04-2024 |
|  | 230040092006 | Ms. Priya | -- | Prof. Parveen Sharma | -- | -- | 04-03-2024 |
|  | 240040092001 | Ms. Kanu | -- | Prof. Parveen Sharma | -- | -- | 21-04-2025 |
|  | 240040092002 | Ms. Annu | -- | Prof. Asha Gupta | -- | -- | 21-04-2025 |