



**DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING.,
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR.**

List of Completed Ph.D Scholars 06.02.2026

Sr. No.	Name of Research Scholar	Father's Name	Registration No.	Name of Supervisor/ Co-Supervisor	Title of Ph.D Thesis/Synopsis	Date of Award of Degree
1.	Ms. Archana	Sh. Sri Krishan	97-Ph.D- ESE-1	Prof. C.P. Kaushik	Hexachlorocyclohexane Residues in Agricultural Soils of Haryana and their Microbial Degradation.	16.12.1999
2.	Mr. Shiv Dev	Sh. Phool Singh	98- Ph.D.- ESE-2	Dr. Anubha Kaushik/ Dr. L. S. Rathore	Weather Based Crop Management using Crop Simulation Model.	14.03.2001
3.	Ms. Sushmitha Krishnan	Sh. R. Krishnan	98- Ph.D.- ESE-3	Dr. Anubha Kaushik	Laterite Soil Chemistry and Ecology : A Study of the Konkan-Coastal Belts.	17.09.2002
4.	Mr. Alok Kalla	Sh. Govind Naryan Kalla	98- Ph.D.- ESE-4	Prof. C.P. Kaushik	Effect of Supplementary Feeding in Some Teleosts on Growth, Digestibility and Water Quality Parameters under Intensive Fish Culture System.	15.02.2003
5.	Mr. Khwairakpa M Gajananda	Sh. Khwairakpa M Shachikum R Singh	9904901	Dr. Anubha Kaushik	Study of Atmospheric Parameters in Relation to Antarctic Ecosystem over the Schirmacher Region of East Antarctica.	08.07.2003
6.	Mr. Hardeep Rai Sharma	Sh. Yoginder Mohan Sharma	95-GJH (Ph.D.)- 472	Prof. C.P. Kaushik	Seasonal Variations in Chlorinated Pesticide Residues in Bovine Feed and Milk from Haryana.	21.06.2004
7.	Ms. Nisha Rani	Sh. Satpal Saini	104902	Prof. Anubha Kaushik/ Prof. C.P. Kaushik	Isolation and Optimization of Indigenous Cyanobacteria for Bioreclamation of Salt Affected Soils.	07.02.2006
8.	Ms. Jyotsna Goel	Sh. R.P. Goel	03-04-9-01	Dr. V.K. Garg/ Dr. Chitra Rajagopal	Heavy Metal Ion Removal from Contaminated Water using Column Adsorption.	07.02.2006
9.	Ms. Priya Kaushik	Sh. Ramphal Kaushik	104904	Dr. V.K.Garg/ Dr. Y.K. Yadav	Energy Recovery From Textile Industry Waste by Alternative Technologies : Potential and Possibilities.	07.02.2006

10.	Mr. Vikrant Tyagi	Sh. K. D. Tyagi	104905	Dr. Krishan Kumar	Acoustic signatures of vegetation : role in traffic noise attenuation.	09.03.2007
11.	Ms. Kiran Bala	Sh. Ashok Kumar	03-04-9-04	Prof. Anubha Kaushiuk	Heavy metal sequestration from industrial effluent using native and immobilized algal biomass and optimization of metal recovery.	05.10.2007
12.	Mr. Bhupinder Singh	Sh. Subhash Chander	104903	Dr. V.K. Garg	Fluoride In Drinking Water: Its Effects, Toxicity And Removal	31.01.2008
13.	Mr. Rajesh Kumar	Sh. Kattar Singh	104901	Prof. C.P. Kaushik / Dr. D.K. Aggarwal, Almora	Impact Assessment Of Urbanisation And Tourism In Bhimtal Lake Area	05.03.2008
14.	Ms. Pritam	Sh. Ram Kishan	404902	Prof. C.P. Kaushik / Dr. V.K. Garg	Potential Of Vermicomposting In Management Of Biosolids Of Sugar Industry	25.08.2008
15.	Mr. Rajender Kumar	Sh. Milk Raj	03-04-9-06	Prof. Narsi Ram Bishnoi	Bioremediation Of Electroplating Waste Water Using Biosorbents	17.02.2009
16.	Ms. Sonal Vishnoi	Sh. Richhpal Singh Vishnoi	03-04-9-07	Dr. Narsi Ram Bishnoi	Phytoextraction of heavy metals from contaminated soils	23.02.2010
17.	Ms. Renuka	Sh. Sunil Kumar	404903	Dr. V. K. Garg	Potential of Vermicomposting Technology in solidwaste Management of a Green city	23.02.2010
18.	Mr. Lakhvinder Singh	Sh. Kehar Singh	03-04-9-08	Dr. Parveen Sharma / Dr. Neeraj Dilbaghi	Bioremediation of dyes from textile waste effluents	23.02.2010
19.	Ms. Kiran Bishnoi	Sh. Atma Ram	504904	Dr. N. R. Bishnoi	Quantification and Bioremediation of Polycyclic Aromatic Hydrocarbons in Sewage and Sewage irrigated soil	19.05.2010
20.	Ms. Anjana Kamra	Sh. Ashok Kumar Kamra	504903	Prof. Anubha Kaushik	Algal Hydrogen Production: Optimisation and Feasibility Studies	24.06.2010
21.	Mr. Haritash Anil Kumar	Sh. Haritash Ram Avtar	03-04-9-03	Prof. C. P. Kaushik	Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soils of Haryana and their Microbial Degradation	31.08.2010
22.	Ms. Mona Sharma	Sh. Gobind Singh	06-04-9-05	Prof. Anubha Kaushik	Integrated Photobiological Hydrogen Production and Bioremediation of Simulated Wastewater using Microalgal System	23.01.2012
23.	Ms. Suman Rani	Sh. Balwant Singh	06-04-9-04	Prof. Narsi R. Bishnoi/ Dr. Namita Singh	Molecular Characterization of Heavy Metal Tolerant Microbial Strains and their use for Bioremediation.	28.08.2012
24.	Ms. Monika Jain	Sh. N. C. Jain	06-04-9-06	Dr. V. K. Garg / Dr. K. Kadirvellu	Removal of Heavy Metals from simulated Waste Water Using Low Cost Adsorbent	30.10.2012

25.	Ms. Manisha Rani	Sh. Murari Lal Bulandi	504902	Prof. Anubha Kaushik / Dr. Aman Sharma	Environmental Impact Assessment of IGNP Irrigation Project in Thar Desert	30.10.2012
26.	Mr. Susheel Kumar Sharma	Sh. Rajender Kumar	504901	Prof. Anubha Kaushik / Dr. Aman Sharma	Impact Assessment of Rampur Hydroelectric Project on Satluj in relation to Ecology, Physical and Socio- economic Environment	21.11.2012
27.	Ms. Anita Singh	Sh. Chander Shekhar	704904	Prof. N.R. Bishnoi	Enzymatic Bioconversion of Lignocellulosic Biomass for Ethanol Production	21.11.2012
28.	Mr. Rajesh Singh	Sh. Sewa Singh	904901	Prof. Narsi Ram Bishnoi	Microbes and metals interaction: An opportunity for bioremediation of metals contaminated wastewater	19.02.2013
29.	Mr. Anoop Yadav	Sh. K. R. Yadav	06-04-9-07	Dr. V.K.Garg	Use of Vermi- Technology for the Management of Food Industry Waste.	12.07.2013
30.	Mr. Jabrinder Singh	Sh. Jaivir Singh	604903	Dr. Mukul Bishnoi	Regeneration Of Prosopis Cineraria (Khejri) And Its Impact On Agroforestry Systems In Arid Areas Of Haryana	26.07.2013
31.	Mr. Vivek Srivastava	Dr. R.N. Srivastava	604902	Dr.Praveen Sharma	Phytoremediation and Chemically enhanced phytoextraction of heavy metals with Helianthus annuus L. varieties.	21.01.2014
32.	Ms. Sushila Rani	Sh. Ram Singh	704902	Prof. C.P. Kaushik	Ground Water Pollution in Arid Zone of Haryana in Relation to Land use Pattern	31.03.2014
33.	Ms. Anu Chetal	Sh. Sudersha N Kumar Chetal	10049002	Prof. Anubha Kaushik	Integrated Distillery wastewater treatment and Energy generation using microbial fuel cell	07.08.2014
34.	Mr. Somvir Bajar	Sh. Suraj Mal Bajar	704901	Prof. C.P. Kaushik/ Prof. Anubha Kaushik	Flux and Mitigation of Methane from Solid Waste Dumpsites in Subtropical Conditions.	07.08.2014
35.	Ms. Anita Singh Kirrolia	Sh. Mahabir Singh Kirrolia	904905	Prof. Narsi Ram Bishnoi/ Dr. Namita Singh	A Study On Biodiesel Production From Algae	25.02.2015
36.	Mr. Manbir Singh	Sh. Rulli Ram	10049007	Dr. V.K. Garg	Quantification of Selected Stable and Unstable Elements in Agricultural System Around NAPS, Narora, India	17.04.2015
37.	Ms. Shilpa	Sh. Dharam Singh Khatkar	10049003	Prof. C.P. Kaushik/ Dr. Namita Singh	Exploitation of bacterial genes isolated from refinery fields for Polycyclic Aromatic Hydrocarbons degradation	18.08.2015
38.	Ms. Preeti	Sh. Rajender Singh	10049004	Prof. Anubha Kaushik/ Prof. C.P. Kaushik	Use of Thermophilic Microbial Consortia for Removal of Textile Dyes and Production of Beneficial Biochemicals	10.12.2015
39.	Ms. Jyoti Mehta	Sh. Ramesh Mehta	704903	Dr. Praveen Sharma/ Dr. Neeraj Dilbaghi	Molecular characterization of Microbial Consortia from different Waste Water	25.04.2016

					treatment Plants Using Molecular Biology Approaches	
40.	Mr. Mohan Lal Snehi	Sh. Lal Chand	904903	Prof. C.P. Kaushik	Evaluation of Environmental Impacts of Industrial Growth Centre in Samba District (J&K) using Remote sensing and GIS Techniques	01.09.2016
41.	Ms. Vijay Laxmi	Sh. Charan Dass	704905	Prof. Mukul Bishnoi	Appraisal and Evaluation of Forest Resources around Morni in the Shivalik Hills of Haryana	28.10.2016
42.	Ms. Shalu	Sh. Rajvir	11049007	Dr. Narsi Ram Bishnoi	Binding mechanism involved in sorption of heavy metal ions from electroplating industrial wastewater	17.01.2017
43.	Ms. Manju	Sh. Suresh Kumar	11049006	Dr. Narsi Ram Bishnoi	Ethanol production from low cost cellulosic biomass using indigenous microbes	17.01.2017
44.	Ms. Smita	Sh. Veerendera Singh Dahiya	11049008	Dr. Narsi Ram Bishnoi	Bioelectrochemical stabilization of landfill leachate	28.02.2017
45.	Ms. Anamika Verma	Sh. Anjani Kumar Verma	11049003	Dr. Narsi Ram Bishnoi/ Dr. Asha Gupta	Bioremediation of electroplating wastewater by metal tolerant sulphate reducing bacteria	03.04.2017
46.	Mr. Simranjeet Singh	Sh. Atpal Singh	12049009	Dr. Anubha Kaushik/ Dr. C.P. Kaushik	Treatment Of Simulated Agricultural Run-Off And Dumpsite Leachate Using Constructed Wetland Technology	21.04.2017
47.	Ms. Raman Preet	Sh. Gurdev Singh	12049003	Dr. Anubha Kaushik	Biohydrogen Production From Wastewater Using Mixed Microbial Culture	21.04.2017
48.	Mr. Jitender Pal	Sh. Phool Singh	504905	Prof. Mukul Bishnoi	Anaerobic Treatment of Sewage Waste for isolated building	03.07.2017
49.	Ms. Aparna Bhardwaj	Sh. Naresh Bhardwaj	10049005	Dr. Anubha Kaushik/ Dr. C.P. Kaushik	Bioremediation of Distillery Wastewater using Constructed wetland Microcosms	09.08.2017
50.	Ms. Kulvinder Bajwa	Sh. Satnam Singh Bajwa	11049005	Dr. Narsi Ram Bishnoi	Biofuel production from microbial community	25.09.2017
51.	Ms. Swati	Sh. Shishpal	12049005	Dr. R Baskar	Biocalcification Abilities Of Some Bacterial Communities And Their Role In Speleothem Genesis From Kotumsar Cave, Chhattisgarh, India	16.02.2018
52.	Mr. Deepak Bansal	Sh. Rishi Bansal	11049004	Dr. Narsi Ram Bishnoi	Assesment and reduction of carbon footprints of an auto ancillary for environmentally sustainable manufacturing.	30.04.2018
53.	Ms. Sushila Bishnoi	Sh. Sita Ram	11049009	Dr. Rajesh Kumar Lohchab/ Dr. Narsi Ram Bishnoi	Assessment of Environmental Impacts of Rajiv Gandhi Thermal Power Plant at Khedar, Hisar	05.06.2018
54.	Mr. Navish Kataria	Sh. Dalbir Singh	14049004	Dr. V.K. Garg	Removal of heavy metals and dyes from aqueous solution by nanoparticles.	03.08.2018

55.	Ms. Minakshi	Sh. Som Dutt Arya	12049002	Dr. Parveen Sharma / Dr. Anubha Kaushik	Sequestration of Textile dyes using immobilized fungal biomass	14.08.2018
56.	Mr. Jaipal	Sh. Munshi Ram	11049001	Dr. Asha Gupta/ Dr. Narsi Ram Bishnoi	Phytoremediation of flyash contaminated soil	02.01.2019
57.	Ms. Jyoti Sharma	Sh. Jai Kishan	14049009	Prof. Narsi Ram Bishnoi	Biodiesel production by Algal Consortia	02.01.2019
58.	Mr. Devender	Sh. Ramniwas Sharma	12049004	Dr. R Baskar / Dr. Sushmita Baskar	Microbial Diversity And Biomineralization Potential Of Bacterial Communities From Speleothems Of Garo Caves In Meghalaya, India Speleothems Of Garo Caves In Meghalaya, India	18.02.2019
59.	Mr. Naresh Kumar	Sh. Krishan Kumar	13049004	Dr. Narsi R Bishnoi / Prof. S.C. Kundu	Environmental and Economic Assessment of Dometic Solid Waste Management in Rural Areas of Kurukshetra District (Haryana)	18.02.2019
60.	Ms. Sunita Kumari	Sh. Om Praksh Yadav	12049007	Dr. Narsi Ram Bishnoi	Bioethanol Production Using Cellulase Producing Thermophilic Microbial Consortia	04.06.2019
61.	Mr. Umashanker Sain	Sh. Jug Lal Sain	11049002	Dr. Narsi Ram Bishnoi	Multigrade Multimedia Filtration Technique for Tertiary Treatment of Wastewater	28.06.2019
62.	Mr. Jitender Kumar Saini	Sh. Ramesh Kumar Saini	12049006	Dr. Rajesh Kumar Lohchab	Development Of Anaerobic Hybrid Reactor Technology For Household Wastewater Treatment	28.06.2019
63.	Mr. Pankaj Sharma	Sh. Mahesh Kumar Sharma	14049008	Prof. Narsi Ram Bishnoi	Thermophilic Lignolytic Bacterial Enzymes: A Tool for Biomass to Biofuel	13.09.2019
64.	Ms. Daljeet Kaur	Sh. Gurmeet Singh	14049007	Dr. Rajesh Kumar Lohchab/ Dr. Nishin K Bhardwaj	Reduction in pollution load in wastewater from rice straw pulp bleaching through process modification.	06.01.2020
65.	Ms. Saloni Gupta	Sh. Narinder Kumar Gupta	13049001	Dr. Narsi Ram Bishnoi / Dr. Asha Gupta	Heavy Metal Sequestration From Paint Industry Effluent Using Sulfate Reducing Bacteria	06.02.2020
66.	Ms. Seema Joshi	Sh. Suresh Kumar Joshi	14049003	Dr. V.K. Garg/ Dr. K.Kadirvelu	Preparation and characterization of nanoparticles for the removal of dyes and heavy metals from simulated waste water.	09.09.2020
67.	Mr. Mukesh Kumar	Sh. Karambir Singh	14049010	Prof. Narsi Ram Bishnoi	Bioremediation potential of iron oxidizing microbial biomass in separation of heavy metals from wastewater	20.10.2020
68.	Ms. Ekta Chaudhary	Sh. Dharampal Chaudhary	14049001	Prof. Praveen Sharma	Phytoremediation of heavy metals laden waste water using duckweed.	20.10.2020

69.	Ms. Renu	Sh. Chander Verma	15049004	Dr. V.K. Garg	Distribution And Risk Analysis Of Natural Radionuclides And Heavy Metals In Agricultural System In Sonipat And Panipat Districts, Haryana, India	20.10.2020
70.	Mr. Mukesh Kumar	Sh. Tara Chand	14049006	Prof. Mukul Bishnoi	Assessment environmental impacts of Rawatsar-north Bhadra road.	30.10.2020
71.	Ms. Mandeep Kaur	Sh. Rajwant Singh	15049002	Prof. Praveen Sharma / Dr. Santosh Kaushik	Removal Of Heavy Metals From Industrial Wastewater Using Nano-Cellulose Prepared From Agricultural Waste Material	19.11.2020
72.	Ms. Varinder Kaur	Sh. Nirmal Singh	15049001	Prof. Praveen Sharma	Assessment of biochar on rhizosphere microbial communities during phytoremediation of polluted soil with <i>trifolium alexandrinum l.</i>	24.12.2020
73.	Mr. Sohan Lal	Sh. Biram Kumar	12049008	Dr. Narsi Ram Bishnoi	Impact of Climate Change on productivity of Wheat and Rice Cropping Area of Haryana	24.12.2020
74.	Ms. Ruchi Urana	Sh. Rakesh Kumar Urana	16049001	Prof. Praveen Sharma/ Dr. Namita Singh	Study on Plant-Microlux Interactions during Phytoremediation Polyaromatic Hydrocarbons by Mucilaginous Plants	09.03.2021
75.	Mr. Anil	Sh. Ramesh Chand	14049005	Prof. Rajesh Kumar Lohchab	Dynamic Characteristics and stability analysis of municipal solid waste treatment by leachate recirculation.	29.09.2021
76.	Mr. Kulbir Nain	Sh. Rajkumar	180040090002	Prof. Rajesh Kumar Lohchab	Solid waste characterisation in educational institutions and their leachate treatment by nanoparticle loaded adsorbent	16.03.2022
77.	Ms. Promila	Sh. Shamsher Singh	16049003	Prof. Praveen Sharma/ Dr. K.E. Mothi Kumar	Mapping and Monitoring of Degraded Lands in Western Haryana with the help of Geospatial Data	19.04.2022
78.	Ms. Mikhlesh Kumari	Sh. Jaswant Kumar	180040090001	Prof. Rajesh Kumar Lohchab	Treatment of Wastewater by Nanoparticles Synthesized Using Agrowaste	27.03.2023
79.	Mr. Sahil Mor	Sh. Dayanand Mor	190040090004	Dr. Santosh Bhukal/ Prof. Narsi Ram Bishnoi	Assessment of impact of crop residue burning on air quality in haryana	25.05.2023
80.	Ms. Pushpa Rani	Sh. Mange Ram	180040090006	Prof. Narsi Ram Bishnoi	Biohydrogen production from lignocellulosic biomass through dark fermentation process	24.11.2023
81.	Mr. Manmohan Lal	Sh. Kirpal Singh	15049003	Prof. Parveen Sharma Dr. Chhotu Ram	Synthesis of photocatalyst for degradation of environment pollutant	24.11.2023
82.	Ms. Jyoti	Khushi Ram	17049003	Prof. Parveen Sharma/ Dr. Andrew C. Singer Senior Scientist, CEH Wallingford , UK	A Study in Antimicrobial Resistance (AMR) in waste water and its characterization	26.02.2024

83.	Ms. Arti Yadav	Sh. Ashok Kumar	190040090010	Prof. Narsi Ram Bishnoi/ Prof. Asha Gupta	Cellulosic Ethanol production using nanoparticle immobilized Holocellulase enzymes cocktail.	26.02.2024
84.	Mr. Deepak Kumar Yadav	Sh. Sunil Kumar Yadav	190040090005	Prof. Narsi Ram Bishnoi/ Dr. Anita Singh, A.P., Dept. of Env. Sc, Central University Jammu	Enhancement of biodiesel production by Utilization of Nanoadditive Approach	26.02.2024
85.	Ms. Neha	Sh. Satish Kumar	180040090004	Prof. Asha Gupta	Biodiesel production from waste cooking oil utilizing lipase immobilized nanocomposites	21.6.2024
86.	Ms. Savita Sihag	Sh. Jaibir Singh Sihag	180040090005	Prof. Jitender Pal	Removal of Fluoride from Water by Synthesised Nanoparticle using Agricultural Waste	19.03.2024
87.	Mr. Paramjeet Dhull	Sh. Mani Ram	190040090002	Prof. Rajesh Kumar Lohchab	Appraisal of Impacts of Metal Nanoparticles on Co-digestion of Wastes and Methane Production	21.6.2024
88.	Mr. Sumit Kumar	Ranbir Singh	190040090101	Dr. Santosh Bhukal/ Dr. Mona Sharma, Central Univ. of Haryana, Mahendergarh	Impact assessment of environmental social and governance indicators on business sustainability	03.01.2025
89.	Ms. Pallvi Bhanot	Parshotam Lal Bhanot	16049004	Prof. Praveen Sharma	Evaluating the combined efficiency of advanced oxidation process and microbial treatment for treating explosive contaminated wastewater	05.11.2024
90.	Ms. Kirty Sharma	Lalit Kumar	17049001	Prof. Praveen Sharma/ Dr. Pritam Sangwan	Microbial Remediation of Explosive Contaminated Soil and Wastewater Employing Native Species	30.07.2024
91.	Ms. Neha Saini	Rajesh Saini	190040090009	Dr. Santosh Bhukal/ Dr. Mona Sharma	Exploration of Thermophilic Algae from North Indian Hot springs and their Applications	19.03.2024
92.	Mr. Subhash Chander	Krishan Kumar	190040090003	Prof. Asha Gupta	Heavy metals remediation of electroplating wastewater using nano materials	20.05.2025
93.	Ms. Sheetal	Vedpal	180040090007	Prof. Jitender Pal	Removal of Heavy Metals from Contaminated Drinking Water by Metal Oxide Modified Nanocellulose	22.05.2025
94.	Nisha Sethi	Anand Sethi	180040090003	Prof. Asha Gupta	Biomethanol production from lignocellulosic waste	11.07.2025
95.	Pallavi	Jai bhagwan shastri	190040090102	Dr. Lakhvinder singh	Bioethanol production from Sweet Sorghum using enzyme immobilized metal oxide nanoparticles	19.05.2025

96.	Pooja Ranwala	Karamvir Singh	190040090105	Prof. Jitender Pal	Removal of Polyaromatic Hydrocarbon with Metal Oxides coated Cellulose Nanofibres	25.07.2025
97.	Ms. Sangita Yadav	Kuldeep Singh	190040090001	Prof. Asha Gupta	Application of Microbiosynthetic Metallomic Nanoparticles for Treatment of Textile Dye Effluent	12.11.2025