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**DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING.,**

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR.**

**List of Completed Ph.D Scholars**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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** |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Mr. Vikrant Tyagi | Sh. K. D. Tyagi | 104905 | Dr. Krishan Kumar | Acoustic signatures of vegetation : role in traffic noise attenuation. | 09.03.2007 |
|  | 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 |
|  | Mr. Bhupinder Singh | Sh. Subhash Chander | 104903 | Dr. V.K. Garg | Fluoride In Drinking Water: Its Effects, Toxicity And Removal | 31.01.2008 |
|  | 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 |
|  | 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 |
|  | Mr. Rajender Kumar | Sh. Milkh Raj | 03-04-9-06 | Prof. Narsi Ram Bishnoi | Bioremediation Of Electroplating Waste Water Using Biosorbents | 17.02.2009 |
|  | 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 |
|  | Ms. Renuka | Sh. Sunil Kumar | 404903 | Dr. V. K. Garg | Potential of Vermicomposting Technology in solidwaste Management of a Green city | 23.02.2010 |
|  | 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 |
|  | 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 |
|  | Ms. Anjana Kamra | Sh. Ashok Kumar Kamra | 504903 | Prof. Anubha Kaushik | Algal Hydrogen Production: Optimisation and Feasibility Studies | 24.06.2010 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Ms. Anita Singh | Sh. Chander Shekhar | 704904 | Prof. N.R. Bishnoi | Enzymatic Bioconversion of Lignocellulosic Biomass for Ethanol Production | 21.11.2012 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Ms. Jyoti Mehta | Sh. Ramesh Mehta | 704903 | Dr. Praveen Sharma/  Dr. Neeraj Dilbaghi | Molecular characterization of Microbial Consortia from different Waste Water treatment Plants Using Molecular Biology Approaches | 25.04.2016 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Ms. Manju | Sh. Suresh Kumar | 11049006 | Dr. Narsi Ram Bishnoi | Ethanol production from low cost cellulosic biomass using indigenous microbes | 17.01.2017 |
|  | Ms. Smita | Sh. Veerendera Singh Dahiya | 11049008 | Dr. Narsi Ram Bishnoi | Bioelectrochemical stabilization of landfill leachate | 28.02.2017 |
|  | 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 |
|  | 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 |
|  | Ms. Raman Preet | Sh. Gurdev Singh | 12049003 | Dr. Anubha Kaushik | Biohydrogen Production From Wastewater Using Mixed Microbial Culture | 21.04.2017 |
|  | Mr. Jitender Pal | Sh. Phool Singh | 504905 | Prof. Mukul Bishnoi | Anaerobic Treatment of Sewage Waste for isolated building | 03.07.2017 |
|  | 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 |
|  | Ms. Kulvinder Bajwa | Sh. Satnam Singh Bajwa | 11049005 | Dr. Narsi Ram Bishnoi | Biofuel production from microbial community | 25.09.2017 |
|  | 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 |
|  | 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 |
|  | Ms. Sushila Bishnoi | Sh. Sita Ram | 11049009 | Dr. Rajesh Kumar Lohchab/  Dr. Narsi Ram Bishnoi | Assessment of Environmental lmpacts of Rajiv Gandhi Thermal Power Plant at Khedar, Hisar | 05.06.2018 |
|  | 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 |
|  | Ms. Minakshi | Sh. Som Dutt Arya | 12049002 | Dr. Parveen Sharma /  Dr. Anubha Kaushik | Sequestration of Textile dyes using immobilized fungal biomass | 14.08.2018 |
|  | Mr. Jaipal | Sh. Munshi Ram | 11049001 | Dr. Asha Gupta/  Dr. Narsi Ram Bishnoi | Phytoremediation of flyash contaminated soil | 02.01.2019 |
|  | Ms. Jyoti Sharma | Sh. Jai Kishan | 14049009 | Prof. Narsi Ram Bishnoi | Biodiesel production by Algal Consortia | 02.01.2019 |
|  | 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 |
|  | 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 |
|  | Ms. Sunita Kumari | Sh. Om Praksh Yadav | 12049007 | Dr. Narsi Ram Bishnoi | Bioethanol Production Using Cellulase Producing Thermophilic Microbial Consortia | 04.06.2019 |
|  | Mr. Umashanker Sain | Sh. Jug Lal Sain | 11049002 | Dr. Narsi Ram Bishnoi | Multigrade Multimedia Filtration Technique for Tertiary Treatment of Wastewater | 28.06.2019 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Ms. Ekta Chaudhary | Sh. Dharampal Chaudhary | 14049001 | Prof. Praveen Sharma | Phytoremediation of heavy metals laden waste water using duckweed. | 20.10.2020 |
|  | 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 |
|  | Mr. Mukesh Kumar | Sh. Tara Chand | 14049006 | Prof. Mukul Bishnoi | Assessment environmental impacts of Rawatsar-north Bhadra road. | 30.10.2020 |
|  | 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 |
|  | Ms. Varinder Kaur | Sh. Nirmal Singh | 15049001 | Prof. Praveen Sharma | Assessment of biochar on rhizosphere microbial communities during phytoremediation of polluted soil with *trifolium alexandrinum l*. | 24.12.2020 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Ms. Mikhlesh Kumari | Sh. Jaswant Kumar | 180040090001 | Prof. Rajesh Kumar Lohchab | Treatment of Wastewater by Nanoparticles Synthesized Using Agrowaste | 27.03.2023 |
|  | 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 |
|  | Ms. Pushpa Rani | Sh. Mange Ram | 180040090006 | Prof. Narsi Ram Bishnoi | Biohydrogen production from lignocellulosic biomass through dark fermentation process | 24.11.2023 |
|  | Mr. Manmohan Lal | Sh. Kirpal Singh | 15049003 | Prof. Parveen Sharma Dr. Chhotu Ram | Synthesis of photocatalyst for degradation of environment pollutant | 24.11.2023 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Ms. Neha | Sh. Satish Kumar | 180040090004 | Prof. Asha Gupta | Biodiesel production from waste cooking oil utilizing lipase immobilized nanocomposites | 21.6.2024 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |