

# Department of Environmental Science

## University of Kashmir, Srinagar- 190 006

### LIST OF Ph.D DEGREES AWARDED

S. No	Name of Research Scholar	Title of the Ph.D Programme	Supervisor/ Co-Supervisor	Date of Award
1	Mr. Showkat Subhan	Trophic Status of Wular Lake Kashmir	Prof. A. K. Pandit	15-11-2007
2	Mr. Haroon-ul-Rashid	Ecological Studies on River Sindh	Prof. A. K. Pandit	06-08-2009
3	Mr. Parvez Ahmad	Evaluation and Management of Municipal Solid Waste in Srinagar City	Prof. G. A. Bhat	27-04-2009
4	Ms. Arifat Jan	Impact of Cement Dust Pollution on Agriculture Crops with Special Reference to Saffron Cultivation in Pampore Area	Prof. G. A. Bhat	29-04-2009
5	Ms. Saba Mushtaq	Studies on Antioxidants of Fish with Special Reference to their use as Biomarkers of Aquatic Pollutants	Prof. A. R. Yousuf Dr. Seema Akbar	22-12-2009
6	Mr. Sami Ullah Bhat	Comparative Ecology of Some Fresh Water Springs of Kashmir Himalaya	Prof. A. K. Pandit	26-04-2010
7	Ms. Shazadi W. NawBahar	An Ecological Study on the Rice Fields of Kashmir	Prof. G. A. Bhat	20-08-2010
8	Mr. Arshid Jehangir	Effect of Deforestation on Physico-Chemical Characteristics of Soils in Coniferous Forests of Kashmir Himalaya	Prof. A. R. Yousuf Prof. Zafar A. Reshi	30-11-2010
9	Mr. Shams ud din Tak	An Ecological Study of Range Lands of North Western Kashmir	Prof. G. A. Bhat	06-12-2010
10	Mr. Mudasir Ali	Habitat Characterization of Kashmir Musk Deer ( <i>Moschus Cupreus</i> ) in Dachigam National Park Kashmir	Prof. G. A. Bhat	10-03-2011
11	Ms. Aasimah Tanveer	Quality of Ground Water Resources of Kashmir Valley	Prof. A. R. Yousuf Prof. Akbar Masood	16-08-2011
12	Mr. Qazi Ashiq Hussain	An Ecological Study of Doodhganga and its Drainage Basin-A Lotic System of Kashmir	Prof. A. K. Pandit	13-10-2011
13	Ms. Humaira Qadri	Nutrient Dynamics and Macrophytic Production in Dal Lake Kashmir	Prof. A. R. Yousuf	01-03-2013
14	Ms. Samira Saleem	Study of Bacterial Diversity of Dal Lake, Kashmir with Particular Reference to Pathogenic Bacteria	Prof. Azra N. Kamili Dr. Dalip K. Kakru	20-06-2013
15	Mr. Aftab Ahmad Bhat	Geochemistry of Three Kashmir Himalayan Lakes and its Impact on Vegetation Dynamics	Prof. A. R. Yousuf Dr. Wajahat Amin Shah	08-07-2013
16	Mr. Suhaib Ahmad Bandh	Study of Fungal Diversity of Dal Lake Kashmir with Particular Reference to Pathogenic Species	Prof. Azra N. Kamili Prof. B. A. Ganai	29-07-2013
17	Ms. Dilafroza Jan	Monitoring of Sewage Treatment Plants Around Dal Lake For Waste Water Treatment	Prof. A. K. Pandit Prof. Azra N. Kamili	09-05-2014
18	Mr. Javid Ahmad Parray	Evaluating Role of Rhizospheric Bacteria in Saffron Culture	Prof. Azra N. Kamili Prof. Zafar A. Reshi Prof Raies A. Qadri	28-06-2014
19	Mr. Naseer Ahmad Dar	Distribution, Production and Biochemical Status of Dominant Macrophytes in Wular Lake, a Ramsar site in Kashmir Himalaya	Prof. A. K. Pandit Prof. B. A. Ganai	10-07-2015
20	Mr. Saleem Aijaz Bhat	Nitrogen and Phosphorus Loading in Wular Lake Kashmir	Prof. A. K. Pandit	17-08-2015

21	<b>Ms. Syed Sana Mehraj</b>	Impact of Cement Pollution on Various Biochemical Parameters of Saffron with Special Reference to Heavy Metals at Khrew, Kashmir	<b>Prof. Azra N. Kamili Dr. Ruqeya Nazir</b>	27-04-2016
22	<b>Ms. Aliya Ismat Baba</b>	Algal Ecology of Wular Lake, A Ramsar site in Kashmir Himalaya	<b>Prof. A. K. Pandit</b>	14-12-2016
23	<b>Ms. Nowsheen Shameem</b>	Phytochemical Analysis and Nutraceutical Value of Some Wild Mushrooms Growing in Kashmir Valley	<b>Prof. Azra N. Kamili</b>	01-04-2017
24	<b>Mr. Aashiq H. Kuchy</b>	Cytotoxic Effects of Some Pesticides on Common Vegetables of Kashmir	<b>Prof. Azra N. Kamili Dr. Ajaz Ahmad Wani</b>	28-11-2017
25	<b>Ms. Afeefa Qayoom</b>	Carbon Sequestration Assessment of Grassland Vegetation	<b>Prof. B. A. Ganai Prof. A. K. Pandit</b>	27-04-2018
26	<b>Mr. Gowhar Hamid Dar</b>	Profiling and effect of pathogenic bacteria in fishes of Jammu and Kashmir State and correlation of disease incidence to the trophic status of water bodies	<b>Prof. Azra N. Kamili Prof. M. Z. Chisthi</b>	09-06-2018
27	<b>Ms. Sana Shafi</b>	Ecology and Distribution of Bacterial Communities in Mansbal Lake Kashmir	<b>Prof. Azra N. Kamili</b>	04-08-2018
28	<b>Mr. Mohammad Irshad Rather</b>	Impact of Dredging and Dewatering on Periphyton Community in Dal Lake Kashmir	<b>Prof. A. R. Yousuf</b>	05-09-2018
29	<b>Ms. Humeera Nisa</b>	Isolation, Identification and Cultivation of Endophytic Fungi from few Species of Genus Artemisia for the Production of Bioactive fungal Metabolites	<b>Prof. Azra N. Kamili Prof Irshad A. Nawchoo</b>	28-09-2018
30	<b>Mr. Aadil Hamid</b>	Macroinvertebrate and Periphytic Algal Communities of Vishav Stream in Kashmir	<b>Dr. Sami Ullah Bhat Dr. Arshid Jehangir</b>	20-10-2018
31	<b>Ms. Rifat Ara Wani</b>	Bioremediation potential of some macrophytes in Dal Lake, Kashmir	<b>Prof. B. A. Ganai Dr. Manzoor A. Shah</b>	27-10-2018
32	<b>Mr. Shabir Ahmad Khanday</b>	High-resolution spatio-temporal integrated analysis of surface water quality, aquatic vegetation and bio-optical properties to assess the pollution status of Dal lake in Kashmir Himalaya	<b>Dr. Arshid Jehangir Prof. Shakil A. Ramshoo</b>	31-12-2018
33	<b>Mr. Imran Khan</b>	Diversity and distribution of soil fungal flora along an altitudinal gradient in Gulmarg region of Kashmir Himalaya	<b>Prof. A. N. Kamili Dr. Irfan Rashid</b>	07-10-2020
34	<b>Mr. Showkat Ahmad Lone</b>	Study of Hydrochemical and biological characteristics of some Crenic habitats of Kashmir	<b>Dr Sami Ullah Bhat Dr. Feroz A. Bhat</b>	08-10-2020
35	<b>Mr. Uqab Ali</b>	Invitro Sequestration Potential of Heavy Metal Tolerant Microbial Strains Isolated from Saffron Soils of Kashmir	<b>Dr. Ruqeya Nazir Prof. B. A. Ganai</b>	28-10-2020
36	<b>Ms. Umara Qayoom</b>	Efficiency evaluation of Fluidized Aerobic Bed (FAB) and Sequencing Batch Reactor (SBR) technology based sewage treatment plants around Dal Lake, Kashmir	<b>Dr. Sami Ullah Bhat Dr. Irfan Ahmad</b>	24-08-2021
37	<b>Mr. Basharat Hamid</b>	Decomposition of solid waste and landfill leachate under temperate conditions	<b>Dr. Arshid Jehangir Dr. Zahoor A. Baba</b>	05-04-2021
38	<b>Ms. Heena Mushtaq</b>	Study of soil Bacteria Diversity in Different Biotopes of lower Dachigam National Park, Kashmir Study of soil Bacteria Diversity in Different Biotopes of lower Dachigam National Park, Kashmir	<b>Dr. Arshid Jehangir Prof. B. A. Ganai</b>	20-09-2021
39	<b>Mr. Saleem Farooq</b>	Isolation and characterization of cold resistant bacteria from glacial soil in Kashmir	<b>Dr. Ruqeya Nazir Prof. B. A. Ganai</b>	20-01-2022

40	Mr. Shahid Ahmad Dar	Assessment of Land System Changes and Eutrophication of some Select Wetlands of Kashmir Valley	Dr. Sami Ullah Bhat Dr. Irfan Rashid	13-07-2022
41	Mr. Muneer Ahmad Wani	Assessment of pollution chronology from sediments of Ahansar, a high altitude Kashmir lake	Dr. Arshid Jehangir	18-07-2022
42	Ms. Sheema Zafar	Impact of Habitat variability on phytochemical profile of some select medicinal plants of Kashmir Himalaya	Prof. A. N. Kamili Prof. Irshad A. Nawchoo	06-10-2022
43	Ms Birjees Hassan	Evaluation of genotoxicity and bacteriological profiling of hospital wastes in Srinagar, Kashmir	Prof. Md. Niamat Ali Dr Humaira Qadri	27-12-2022
44	Ms. Inam Sabha	Study of macroinvertebrates and periphyton community in streams of Dal Catchment of Kashmir Valley	Dr. Sami Ullah Bhat	03-02-2023
45	Mr. Fahim Bashir	Screening of cyanobacterial bloom for their possible presence of Toxin gene/s in Dal lake, Kashmir	Prof. B. A. Ganai Prof. Khalid M. Fazili	17-02-2023
46	Mr. Aadil Gulzar	Ecological studies on Treeline Ecotone vegetation along elevation Gradients in Kashmir Himalaya	Prof. Azra N. Kamili Dr. Anzar A.Khuroo	27-03-2023
47	Mr. Ali Mohd Yattoo	Conversion of aquatic macrophytes into enriched vermicompost and its application in disease suppression of tomato plant	Prof. Md.Niamat Ali Dr. Zahoor A. Baba	02-06-2023
48	Ms. Masarat Nabi	Genetic diversity and Anti-diabetic potential of <i>Skimmia anquetila</i>	Prof. B. A. Ganai Prof. Nahida Tabassum	12-07-2023
49	Ms. Sabira Hafiz	Bioprospection of endophytic fungi associated with <i>Aconitum heterophyllum</i> wall.- A medicinal plant of Kashmir Himalaya	Prof. Azra N.Kamili Prof. B. A. Ganai	12-07-2023
50	Mr. Mohd Sharjeel Sofi	Impact of flow regulation on macroinvertebrate community in the Sind River, Kashmir Himalaya	Dr. Sami Ullah Bhat	27-07-2023
51	Ms. Sumaira Rashid	Evaluation of genetic diversity and Anti-Hyperlipidemic potential of <i>Eremurus himalaicus</i>	Prof. B. A. Ganai Dr. Adil Gani	30-03-2024
52	Ms. Sabreena	Molecular studies on variability of Buck wheat germplasm and its in Vitro anti-Hyperlipidemic activity	Prof. B. A. Ganai Dr. Sajad Majeed Zargar	26-06-2024
53	Ms. Nazima Rashid	Macrophytes as a potential source for Biofuel production and their role in carbon sequestration	Prof. B. A. Ganai Prof. Mohd Sultan Bhat	16-12-2024
54	Ms. Zulaykha Khurshid Dijoo	A Prospective study using eDNA concept in conjunction with dating technique for evaluation of Azolla invasion and pollution chronology in Dal lake	Prof. B. A. Ganai	07-01-2025
55	Ms. Khair ul Nisa	Modulation of Cyp17A1 and UGT2B7 gene expression as a consequence of endocrine disrupting chemicals and polycystic ovarian syndrome interface: A case control study of Kashmiri population	Prof. B. A. Ganai Dr. Shahnaz Ahmad Mir	08-01-2025
56	Mr. Shahid Hameed	Assessing genetic diversity, distribution and habitat suitability of the Kashmir Gray Langur ( <i>Semnopithecus ajax</i> )	Prof. Md. Niamat Ali Dr. Tawqir Bashir	09-01-2025
57	Ms. Irfana Assad	Development of biodegradable packaging films loaded with bioactives from different macrophytes	Dr. Sami Ullah Bhat Dr. Adil Gani	27-03-2025
58	Ms. Tabasum Yaseen	Influence of thermal stratification on hydrochemical characteristics and plankton communities in Manasbal lake of Kashmir	Dr. Sami Ullah Bhat Prof. Faroz A. Bhat	27-03-2025
59	Mr. Shahid Ahmad Ganie	Biochemical analysis and allelopathy of invasive and non-invasive species of <i>Amaranthus</i>	Prof. B. A. Ganai Prof. Manzoor Ahmad Shah	10-03-2025

<b>60</b>	<b>Mr. Shahnawaz Hassan Ganie</b>	An investigation into the changing pattern in Schizo thorax fish abundance with pollution load in Dal lake through the onterface of eDNA and dating methods	<b>Prof. B. A. Ganai</b> <b>Prof. Bikram Singh Bali</b>	25-03-2025
<b>61</b>	<b>Ms. Gousia Majeed</b>	Effectiveness of Different Elicitors for Inducing Resistance in <i>Capsicum annuum</i> L. Against Fusarium Wilt	<b>Prof. Azra N. Kamili</b> <b>Prof. Manzoor A. Shah</b>	13-05-2025
<b>62</b>	<b>Ms. Insha Amin</b>	Characterization of Heavy Metal Resistant Fungi for Bioremediation of Agricultural Soils	<b>Dr. Ruqeya Nazir</b> <b>Dr. Mushtaq A. Rather</b>	14-05-2025
<b>63</b>	<b>Ms. Mir Riasa Zaffar</b>	Characterisation of Biofilms and their Role in Bioremediation of Eutrophicated Waters	<b>Dr. Ruqeya Nazir</b> <b>Dr. Mushtaq A. Rather</b>	14-05-2025