

UNIVERSITY SCHOOL OF ENVIRONMENT MANAGEMENT
Guru Gobind Singh Indraprastha University

DETAILS OF Ph.D SCHOLARS WITH USEM

S. No.	Faculty	Department	Name of the Supervisor	Name of the Scholars with Aadhaar (UID)	Mode of Ph.D. (Full Time/ Part Time)	Registration No.	Date of Registration	Research Topic	Likely date of completion of Ph.D.	Availing Fellowship (Yes/No)	Funding Agency of Fellowship
1		USEM	Dr. Deeksha Katyal, Supervisor Dr. Sunil Gomtiwar, Co-Supervisor	V.M. Nataraj	PT	334/Ph.D./USEM/08	26-11-2008	Estimation of Fertilizer contamination of groundwater in Pravara command, of Ahmednagar District	08.05.2017	No	-
2		USEM	Prof. N.C.Gupta, Supervisor	Prabhat Kumar	FT	90055050110	15-02-2012	Study of Green House Gas Emission Potential from Rice-Wheat Cropping System of the Indo-Gangetic Region	14.02.2018	No	-
3		USEM	Prof. N.C.Gupta, Supervisor	Pramod Kumar	FT	90056050110	15-02-2012	Study of Aerosol Optical properties and Fine Mode Fraction Variations over Delhi Using MODIS data	14.02.2018	No	-
4		USEM	Prof. P. Bhattacharya, Supervisor	Kuldeep Srivastava	PT	90018050111	14-09-2012	Study of Climate Change using Lichen as Natural Indicator in the State of Uttrakhand	-	No	-
5		USEM	Prof. Varun Joshi, Supervisor	Pipas Kumar	FT	90022050111	14-09-2012	Climate Change Impact Assessment on the Upper Watershed of River Subarnarekha in Jharkhand, India	-	No	-

6		USEM	Prof. N.C.Gupta, Supervisor	Prabir Kumar Dash	PT	90016050212	12.11.2013	Estimation and Comparative Analysis of Energy output from different Photo-Voltaic Modules in various Indian Climates	11.11.2017	No	-
7		USEM	Prof. P.Bhattacharya, Supervisor	Priya Bhalla	FT	90017050212	12.11.2013	Ecotourism Impact Assessment on Binsar Wildlife Sanctuary of Uttarakhand, India	July, 2017	No	Claimed till July 2016 (No STRF Claimed)
8		USEM	Prof. N.C.Gupta, Supervisor Prof. P. Bhattacharya, Co-Supervisor	Simpy Singh	FT	90020050212	12.11.2013	Assessment of Aerosol Abatement capacity of selected plant species in Urban Green Spaces, Delhi	11.11.2017	Yes	University Grant Commission (UGC)
9		USEM	Prof. P. Bhattacharya, Supervisor	Seema Devi	FT	90021050212	12.11.2013	Study on factors impacting Natural Regeneration of selected NTFPs in dry deciduous forests of Central India	July, 2017	Yes	University Grant Commission (UGC)
10		USEM	Prof. J.K.Garg, Supervisor Dr. Anshu Gupta, Co-Supervisor	Richa Bhardwaj	FT	90022050212	12.11.2013	A quantitative assessment of heavy metal resistance of fecal indicator bacteria in River Yamuna system in Delhi, India	April, 2018	Yes	Short Term Research Fellowship (STRF) by GGSIPU
11		USEM	Prof. J.K.Garg, Supervisor	Ridhi Saluja	FT	90023050212	12.11.2013	Wetland condition assessment using in-situ hyperspectral and orbital multispectral remote sensing data	March, 2018	Yes	DST-INSPIRE
12		USEM	Dr. Sanjay K.Das, Supervisor	Shubhi Malik	FT	90025050212	29.09.2015	Biosystematics studies on spiders of National Capital Territory of Delhi	31.10.2017	No	-
13		USEM	Prof. Rita Singh, Supervisor	Livleen Kaur Kahlon	PT	90028050212	29.09.2015	Intergenerational assessment of traditional ethnological knowledge in rural and tribal regions of Northern Odisha, India	-	No	-

14		USEM	Prof. Varun Joshi, Supervisor Dr. Deeksha Kaytal, Co- Supervisor	Tapasya Tomar	FT	90029050212	12.11.2013	A Predictive Modeling approach to assess the groundwater pollution vulnerability in integration with water quality index (WQI) using GIS technique in Delhi region	November 2017	No	-
15		USEM	Prof. Varun Joshi, Supervisor Dr. Deeksha Kaytal, Co- Supervisor	Nida Rizvi	FT	90030050212	12.11.2013	Characterization of water quality of River Hindon by using different water quality indices and GIS technique	November 2017	No	-
16		USEM	Dr. Kiranmay Sarma, Supervisor	Maya Kumari	PT	90032050212	12.11.2013	Impact assessment of Coal-Fired thermal power plants on environment: A case study of Singrauli district, Madhya Pradesh	-	No	-
17		USEM	Dr. Anshu Gupta, Supervisor	Anjum Singhal	FT	90038051213	28.07.2015	Green Synthesis of Nanoparticles, their Characterization and Applicability: An Environmentally Benign Approach	-	No	-
18		USEM	Prof. P.Bhattacharya, Supervisor	Ayesha Khosla	FT	90039051213	28.07.2015	Study on Governance Practices of Forest Rights Act in the State of Tripura	2018	Yes	DST
19		USEM	Dr. Sumit Dookia, Supervisor	Gajendra Singh	FT	90040051213	29.09.2015	Taxonomy and habitat assessment of bat fauna in Thar Desert of Rajasthan, India		Yes	Short Term Research Fellowship (STRF) by GGSIPU
20		USEM	Dr. Sanjay K.Das, Supervisor Dr. Kiranmay Sarma, Co- Supervisor	Mandeep Kaur	FT	90041051213	28.07.2015	An Ecosystem Approach to Study Biodiversity of Talchhappar Wildlife Sanctuary With Assessment of Threats and Ecotourism Potential	27.10.2018	Yes	JRF in a DST-SERB project which will end in June, 2017

21		USEM	Dr. Sanjay K.Das, Supervisor Dr. Kiranmay Sarma, Co- Supervisor	Manish Joshi	FT	90042051213	29.09.2015	Ecology and Habitat suitability of Desert Monitor Lizard <i>Varanus griseus koniecznyi</i> in the Thar Desert of Rajasthan	31.10.2017	Yes	Short Term Research Fellowship (STRF) by GGSIPU
22		USEM	Dr. Sanjay K.Das, Supervisor Prof. Rita Singh, Co-Supervisor	Monalisa Paul	FT	90043051213	28.07.2015	Studies on Biotic Interactions of Lepidoptera in Urban Landscapes of National Capital Territory of Delhi	27.10.2018	Yes	IPRF
23		USEM	Dr. Sumit Dookia, Supervisor Prof. P.Bhattacharya, Co- Supervisor	Rajlakshmi Mishra	FT	90044051213	28.07.2015	Diversity and Conservation status of bats in urban green spaces of NCT of Delhi	2018	Yes	IPRF
24		USEM	Prof. J.K.Garg, Supervisor	Seema Joshi	PT	90046051213	29.09.2015	Leveraging Geo-Spatial Technologies for Disaster Risk Reduction and Building resilient communities in Mandakini Valley, Uttarakhand		No	-
25		USEM	Dr. Sumit Dookia, Supervisor	S.L. Niangthianhoi	PT	90048051213	29.09.2015	Impact of shifting cultivation on the avifauna in Manipur, India		No	-
26		USEM	Dr. Sumit Dookia, Supervisor	Vigil Wilson	FT	90049051213	29.09.2015	"Ecology of Desert Fox (<i>Vulpes vulpes pusilla</i>) in Thar Desert of Rajasthan, India	June, 2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU
27		USEM	Prof. Amarjeet Kaur, Supervisor Dr. Anil K.Gupta, Co-Supervisor	Ashish Kumar Panda	PT	90070050114	10.02.2016	Analysis of Climate Risks, Vulnerability and Adaptation Strategies for Disaster Resilience in Uttarakhand Himalaya: A Study of Almora District	-	No	-

28		USEM	Prof. Anubha Kaushik, Supervisor	Babita Singh	FT	90071050114	10.02.2016	Biochemical and Biomagnetic Monitoring of Atmospheric Particulates in Delhi using Roadside Trees	28.02.2019	No	-
29		USEM	Prof. N.C.Gupta, Supervisor	Charu Tyagi	FT	90072050114	29.09.2015	Radiative forcing due to Black carbon and other Aerosols and their characterization in NCR Delhi	28.09.2019	Yes	IPRF
30		USEM	Prof. Anubha Kaushik, Supervisor Prof. Rita Singh, Co-Supervisor	Gayatri Sehrawat	FT	90073050114	10.02.2016	Phytoremediation of metal contaminated soils and enhancement of phytoextraction through bioaugmentation	28.02.2019	No	-
31		USEM	Prof. Rita Singh, Supervisor	Jayita Biswas	FT	90074050114	10.02.2016	Systematics and Ethnoecology of the Genus Ephedra L. in Ladakh (Jammu & Kashmir), India	10.09.2019	No	-
32		USEM	Prof. Anubha Kaushik, Supervisor	Minakshi Karwal	PT	90075050114	10.02.2016	Solid waste stabilization and potential GHG mitigation using Vermitechnology		No	-
33		USEM	Prof. Amarjeet Kaur, Supervisor	Pratyansha Singh	FT	90076050114	10.02.2016	A study on Captivity and Management of Manipur Brow-antlered Deer (<i>Rucervus eldii eldii</i>) in National Zoological Park, New Delhi			
34		USEM	Prof. N.C.Gupta, Supervisor Prof. Amarjeet Kaur, Co-Supervisor	Priyanka Kumari	FT	90077050114	10.02.2016	Study of Solid Waste Management at Ghazipur Landfill Site with respect to leachate and heavy metal removal using Ion Exchange Process	09.02.2020	No	-

35		USEM	Prof. Amarjeet Kaur, Supervisor	Sanjay Kumar Tomar	PT	90079050114	29.09.2015	Fire Risk Assessment and Mitigation in South-West Division of Delhi	29.09.2015	No	-
36		USEM	Prof. J.K.Garg, Supervisor	Satish Prasad	FT	90080050114	29.09.2015	Riverine Landscape Dynamics and Integrity of Upper Ganga River Stretch, A Ramsar Site	-	Yes	IPRF-GGSIPU
37		USEM	Prof. Amarjeet Kaur, Supervisor Prof. N.C.Gupta, Co-Supervisor	Vandana Singh	PT	90081050114	10.02.2016	Treatment of Greywater Using Low Cost Treatment Technology to its Reuse	09.02.2020	No	-
38		USEM	Prof. Anubha Kaushik, Supervisor Dr. Anshu Gupta, Co-Supervisor	Yogita Prabhakar	FT	90082050114	10.02.2016	Bioremediation of dye containing wastewater using an alkaliphilic bacterium <i>Nesterenkonia sp.</i>	2019	Yes	Short Term Research Fellowship (STRF) by GGSIPU
39		USEM	Prof. P.Bhattacharya, Supervisor	Anand	FT	90058051215	18.11.2016	Assessment of Ecological Services provided by Urban Green Spaces in New Delhi	January, 2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU
40		USEM	Prof. Anubha Kaushik, Supervisor	Aradhana Singh	FT	90059051215	18.11.2016	Optimizing Microbial Fuel Cell performance for simultaneous energy generation and wastewater treatment	-	Yes	IPRF
41		USEM	Dr. Neetu Rani, Supervisor	Archana Agarwal	FT	90060051215	-	-	-	No	-
42		USEM	Prof. P.Bhattacharya, Supervisor	Chindu Chandran	FT	90061051215	18.11.2016	Assessment of Ecotourism Sustainable Practices in Munnar, Kerala: Multi-Factorial Analysis of the Destination	December 2019	Yes	Short Term Research Fellowship (STRF) by GGSIPU
43		USEM	Dr. Neetu Rani, Supervisor	Kaurna Narayan Pohekar	FT	90062051215	18.11.2016	Construction and Assessment of Two-Stage Hybrid Wetland System for Domestic Wastewater Treatment	-	No	-

44		USEM	Prof. Anubha Kaushik, Supervisor	Prerna Sharma	FT	90063051215	18.11.2016	Assessment of Ecosystem services of River Ganga in relation to pollution and land use changes using ecological and geo-spatial approach	-	Yes	IPRF-GGSIPU
45		USEM	Dr. Pamposh, Supervisor	Priyanka Verma	FT	90064051215	18.11.2016	Spatial and Temporal Assessment of Reactive Nitrogen in Urban Wetland System	18.11.2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU
46		USEM	Prof. Rita Singh, Supervisor	Rahul Sharma	FT	90065051215	18.11.2016	Reproductive Ecology of Eastern Ghats Cycads in Odisha, India	18.11.2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU
47		USEM	Dr. Pamposh, Supervisor	Sandhya Bhat	FT	90067051215	18.11.2016	Effect of Hydrological Regime on the composition and functioning of bacterial communities in freshwater wetland sediments	18.11.2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU
48		USEM	Dr. Kiranmay Sarma, Supervisor	Shipra Tyagi	FT	90068051215	18.11.2016	Assessment and spatial mapping of ground water quality in Ghaziabad district of Uttar Pradesh, India	-	Yes	Short Term Research Fellowship (STRF) by GGSIPU
49		USEM	Prof. J.K.Garg, Supervisor	Srishti Solanki	FT	90070051215	18.11.2016	Landscape Patterns and Urban Heat Island Effect Analysis in a Metropolitan Region	-	Yes	Short Term Research Fellowship (STRF) by GGSIPU
50		USEM	Prof. Rita Singh, Supervisor	Sunita Bisht	FT	90071051215	18.11.2016	Systematics of Indian Taxaceae	18.11.2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU

51		USEM	Prof. N.C.Gupta, Supervisor	Utkarsha Pathak	FT	90072051215	18.11.2016	Effects of exposure to indoor air pollution from biomass fuel smoke on pulmonary health in women and children of rural urban Indian villages	17.11.2020	Yes	Short Term Research Fellowship (STRF) by GGSIPU
52		USEM	Dr. Deeksha Katyal, Supervisor	Vinod Kumar	FT	90073051215	18.11.2016	Studies on Radiosotope Removal Efficiency of a combination of Titanate Nanotubes and Polyamide Reverse Osmosis Membranes	17.11.2019	No	-
53		USEM	Dr. Deeksha Katyal	Sakshi Nangia	FT	00116391016	03.08.2016 (Provisional Registration)	-	-	Yes	IPRF
54		USEM	Prof. N.C.Gupta	Anchal Garg	FT	00216391016	03.08.2016 (Provisional Registration)	-	-	Yes	IPRF
55		USEM	Dr. Anshu Gupta	Meenu	FT	00316391016	03.08.2016 (Provisional Registration)	-	-	No	-
56		USEM	Prof. Anubha Kaushik	Balram Bhardwaj	FT	00416391016	03.08.2016 (Provisional Registration)	-	-	Yes	Short Term Research Fellowship (STRF) by GGSIPU
57		USEM	Prof. Varun Joshi	Kush Kumar	FT	00516391016	03.08.2016 (Provisional Registration)	-	-	No	-
58		USEM	Dr. Neetu Rani	Prashansa Tamta	FT	00616391016	03.08.2016 (Provisional Registration)	-	-	No	-
59		USEM	Prof. Amarjeet Kaur	Viniti Nagar	FT	00716391016	03.08.2016 (Provisional Registration)	-	-	Yes	Short Term Research Fellowship (STRF) by GGSIPU
60		USEM	Dr. Kiranmay Sarma	Sangita Singh	FT	00816391016	03.08.2016 (Provisional Registration)	-	-	No	-

61		USEM	Dr. Tuisem Shimrah	Satish Kumar	FT	00916391016	03.08.2016 (Provisional Registration)	-	-	No	-
62		USEM	Prof. J.K.Garg Prof. Varun Joshi	Swati Vatsayan	FT	01016391016	03.08.2016 (Provisional Registration)	-	-	Yes	Short Term Research Fellowship (STRF) by GGSIPU