



PROFILE

Department of Environmental Science

School of Earth and Environmental Sciences
University of Kashmir
Srinagar, J&K



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Preface

Since its inception in 2000, the Department of Environmental Science has been at the forefront of delivering quality interdisciplinary education, research, consultancy and community outreach. Our team consists of energetic, committed, and forward-thinking faculty members who are deeply dedicated to academic excellence and the mentorship of both students and research scholars. We take pride in being a distinguished department that nurtures an environment of continuous learning, growth and achievement.

I have recently taken on the responsibility of Coordinator of the Department, a role that holds special significance for me. My association with the Department spans over 25 years, beginning as a student, then a research scholar, and eventually as a faculty member. This journey has been incredibly rewarding, and I owe much of it to the unwavering support of my colleagues and peers. As we approach a momentous milestone, our Department's Silver Jubilee in 2025 and preparation for the upcoming NAAC visit, I am pleased to announce the release of a comprehensive departmental profile which reflects our academic and research evolution over the past 25 years.

I find it timely to share some key reflections on our academic and research endeavors. Our Department has earned significant recognition and visibility, extending its impact at both regional and national levels. This success is a result of the collective efforts of our faculty, students, research scholars, and technical and non-teaching staff. Their contributions are evident in the form of research grants, fellowships, publications, placements, consultancies, and outreach initiatives, which are key components influencing our NIRF rankings and NAAC accreditation of the institution. Teamwork and a shared spirit have been central to our progress, yet there is always room to aim higher. While we have performed commendably even in comparison to better-resourced sister departments, it remains essential for us to amplify our achievements and ensure our presence is felt both within and beyond the institution.

As Coordinator, I am committed to fostering a collegial and supportive environment where meaningful, socially relevant, locally grounded, nationally significant, and globally impactful research can thrive. I am confident that our Department will continue to reach new milestones, and I look forward to everyone's continued support and collaboration as we move into this exciting new chapter.

Dr. Sami Ullah Bhat
Coordinator



Prof. (Mrs.) Nilofer Khan

Vice Chancellor
University of Kashmir
Hazratbal Srinagar - 190006
Jammu and Kashmir (India)

May 06, 2025

MESSAGE

I am delighted to know that the Department of Environmental Science, University of Kashmir, is releasing its updated departmental profile, coinciding with the Department's Silver Jubilee celebrations in 2025.



The Department of Environmental Science has consistently demonstrated a strong commitment to environmental education and policy development through its diverse outreach initiatives and impactful research activities. The department has been actively engaged in research of significant local and regional relevance, offering valuable consultancy services to both the local and the Central Government departments and agencies, particularly in the area of Environmental Impact Assessment.

I commend the Department for its interdisciplinary approach, active community engagement and outreach, and pivotal role in advancing the regional environmental planning and policy development. I hope, the profile showcases the Department's accomplishments and outlines a forward-looking vision for its future academic and research pursuits.

I extend my best wishes to the faculty, researchers, and students who continue to strive for academic and research excellence of the department.

Prof. Nilofer Khan



Prof. Shariefuddin Pirzada
Dean, Academic Affairs
University of Kashmir



As environmental degradation, climate change, and resource depletion accelerate, the discipline of Environmental Science equips students with critical knowledge and tools to understand, mitigate, and adapt to these challenges. By integrating natural sciences, policy, and sustainability, Environmental Science fosters informed decision-making and innovation essential for a resilient future. Its relevance extends beyond academia, empowering students to contribute meaningfully to societal, ecological, and global well-being. The Department of Environmental Science serves as a vital intersection of natural sciences, policy, and societal influence. It has made a noteworthy contribution in preparing students to effectively understand and address today's intricate environmental issues.

I am pleased to see that the Department of Environmental Science is preparing an updated departmental profile in anticipation of the upcoming NAAC visit and the Department's Silver Jubilee celebrations in 2025. This departmental profile reflects the Department's unwavering commitment to academic excellence, robust research, and a deep sense of purpose. It highlights not only the curriculum and facilities but also the guiding principles that shape its academic journey, including impactful awareness and outreach initiatives.

I extend my congratulations to the Department for its progressive vision and for cultivating an academic environment that blends conceptual learning with real-world application. I am confident it will continue to nurture students and researchers who will make meaningful contributions to both the academic world and society at large.

Dated: 23/04/25


Prof. Shariefuddin Pirzada



Prof. Mohd Sultan Bhat
Dean Research,
University of Kashmir



The Department of Environmental Science at the University of Kashmir having impressive research footprint in the University's research landscape, wherein impactful research addressing region-specific environmental issues with broader global relevance and societal importance is being carried out. I am pleased to see that the Department of Environmental Science is coming with an updated departmental profile in anticipation of the upcoming NAAC visit and the Department's Silver Jubilee celebrations in 2025. This departmental profile highlights the Department's research strength, thrust areas, national and international collaborations, and the vibrant scholarly ecosystem it has nurtured. I am happy to congratulate the faculty members and research scholars of the Department of Environmental Science for their contribution in the field of research which is reflected from the grants earned to the tune of Rs. 8.9 crores from premier funding agencies like DST, DST-SERB, NMHS- MoEF&CC, MHRD, JKDST, and the J&K Government, in addition to ₹1.16 crores in women-specific fellowships and ₹35.4 lakhs through consultancy projects. The publication profile of more than 423 publications in high-impact journals and 24 book chapters is testimony to the strength and dedication of the Department. The recognition of faculty members in the field of water pollution, ecology and biodiversity, and air pollution and Environmental Impact Assessment at the National level is equally laudable.

I appreciate the research work being carried out at Department of Environmental Science in the field of water pollution, water resources, aquatic systems like lakes, wetlands, stream, rivers, springs, groundwater, micro plastic pollution, waste water, air pollution and solid waste management, terrestrial ecology, agriculture, climate change etc. which is socially relevant, locally beneficial, nationally significant, and globally impactful. I trust the Department will keep advancing research that aligns with current needs, ensuring it stays relevant and competitive within the evolving research landscape both nationally and internationally.

Dated: 24/4/25



Prof. Mohd Sultan Bhat



Prof. Gh. Jeelani
Dean School of Earth and Environmental Sciences,
University of Kashmir



The unprecedented human influence on Earth's climate and ecosystems underscores the role of Environmental Science in the university curricula for providing sustainable solutions to many environmental problems. The interdisciplinary field bridges the gap between scientific understanding and policy action, enabling us to address complex environmental challenges such as climate change, biodiversity loss, pollution, population explosion, and unsustainable resource use. As the world grapples with the consequences of ecological imbalance, universities have a pivotal responsibility to foster a generation of environmental thinkers and problem-solvers. Environmental Science not only enhances scientific literacy but also promotes sustainability, ethical stewardship, and informed governance at local, national, and global levels. By embedding this subject firmly within higher education, institutions empower students to drive transformative change and contribute meaningfully to the protection of the quality of the Environment.

This Departmental profile of Environmental Science offers valuable insight into the Department's academic strength, curriculum diversity, faculty expertise, student engagement, and community outreach, and reflects a commitment to excellence both in academics, research and consultancies, which is aligned with Vision, Mission and Core values of the Department.

As Dean of the School, I take great pride in the Department's achievements in academics and research and its vision for the future. I look forward to continued progress, deeper collaborations, and impactful initiatives that promote environmental stewardship, environmental leadership and justice, professionalism, and science policy-society connect.

I hope the Department will continue to pursue science and solution-based research which is demand driven and translational to remain relevant and competitive in changing research landscape both at national and international levels.

Dated: 24/4/25


Prof. Gh. Jeelani



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ABOUT THE DEPARTMENT OF ENVIRONMENTAL SCIENCE

Established in the year 2000, the Department of Environmental Science began offering M.Sc. and Ph.D. programs in 2001 and 2002 respectively, under the leadership of Prof. A.R. Yousuf. Since its inception, the Department has played a pivotal role in delivering high-quality interdisciplinary education, research, consultancy, and outreach. Our faculty comprises young, dynamic, and dedicated professionals committed to academic excellence and guiding both students and research scholars. We are proud of our standing as a distinguished department that fosters an environment of growth, learning, and success.

Environmental Science, which touches every aspect of human existence, has become increasingly significant in the Anthropocene era. Our curriculum is comprehensive, covering a wide range of subjects such as Environmental Pollution, Chemistry, Geoscience, Toxicology, Microbiology, Biodiversity and Natural Resource Management, Atmospheric Sciences, Sustainable Development, Mountain Ecology, Environmental Engineering, Environmental Law, Biotechnology, and more. The program is enriched by intensive lab and fieldwork, including ecological tours across the country. From the outset, the Department has evolved into a centre of excellence for environmental education and research, with a focus on regionally, nationally, and globally relevant issues. Our research spans diverse aspects of the environment—physical, chemical, biological, and cultural—highlighting the deep connection between humans and the environment, and reinforcing the importance of the discipline.

Beyond academics, the Department aspires to lead in environmental research. We have made significant contributions to the field, with 502 postgraduates and 109 scholars having earned M.Phil. and Ph.D. degrees. 139 students have qualified for JRF/NET/SET exams, with two Inspire Fellowships and seven (7) WOS Fellowships awarded to our researchers. Our strong placement record reflects the high demand for our programs, particularly in comparison to other science departments. More than 60% of our postgraduates are employed, primarily in education sectors under the JK Government. Our achievements include securing research grants from premier funding agencies such as DST, DST-SERB, NMHS-MoEF&CC, MHRD, JKDST, and the J&K Government. These accomplishments span across faculty, students, and scholars. The demand for our postgraduate program continues to rise due to these consistent successes.



Hands-on experience is a cornerstone of our training, evident through extensive fieldwork, outreach initiatives, and educational tours. The Department also extends technical expertise and environmental analysis services to various institutions. Our research is socially relevant, locally responsive, nationally significant, and globally impactful—informing state-level policy decisions. In the last decade, we have secured research funding totaling ₹8.86 crores, in addition to ₹1.16 crores in women-specific fellowships and ₹35.4 lakhs through consultancy projects over the past 12 years. Our impressive research portfolio includes 419 publications in high-impact journals, 24 book chapters, and 11 proceedings and monographs. Our laboratories are well-equipped with advanced instruments, supporting research in areas such as water and air pollution, freshwater ecosystems, waste management, microplastics, soil studies, climate change, and related fields. Given the evolving environmental and economic landscape, faculty and researchers are encouraged to pursue consultancy projects, extending the practical impact of their research. These projects contribute significantly to industrial growth, environmental protection, and sustainable development, particularly in Jammu and Kashmir. Our consultancy services have supported major initiatives including environmental assessments for hydroelectric projects, industrial estates, road and ropeway projects, and town development schemes.

We invite all stakeholders to collaborate with us in advancing the mission of our Department. Together, we can inspire future generations of environmental scientists and make meaningful contributions to protecting our planet. Let us commit to environmental responsibility and work towards a sustainable and prosperous future for all.



Department of Environmental Science (1st Floor) Science Block

**DEPARTMENT AT A GLANCE**

01	Date of Establishment	2000
02	Present Faculty Strength	
	A) Assistant Professor	03
	B) Assistant Professor (Contractual)	04
03	No. of M.Sc Students Awarded	502
04	No. of M.Phil Awarded	46
05	No. of Ph.D Awarded	63
06	No. of Scholars with JRF/NET/SET	139
07	Research Scholars pursuing M.Phil/Ph.D/IPh.D	40
08	No. of Books Published	02
	a) National	05
	b) International	
09	No. of Research Papers and book chapters	443
	• H index range 10 -	26
	• i10 index range 10 -	61
	• Citations range 540 -	2400
	• Impact Factor (IF) Range 1-	29
	• Commulative Impact Factor Range	40-250
10	No. of Research Projects	18
	a) Completed	8
	b) Ongoing	10
	• Amount generated	886.28 Lakhs
11	No. of Consultancy Projects	
	a) Completed	07
	b) Amount generated (Department of Environmental Science)	35.40 Lakhs
	c) Amount generated (by COD, University of Kashmir)	151.35 Lakhs
12	Women Scientists Fellowships (WOS)	07
	Amount generated	140.60 Lakhs
12	No. of Awards to the Faculty	4
13	No. of Students Placed	231
14	No. of Seminars/ Workshops/ Conferences Organized	40
16	Scholarship Provided (2012)	41
	a) Research Scholars	16
	b) P.G. Students	



**Department of Environmental Science
University of Kashmir**

Vision

To strive for excellence in teaching, research, consultancy and policy formulation for environmental protection and management

Mission

To educate and train students as next-generation thinkers, decision makers and problem solvers in the field of environmental science

Core Values

- ❖ Environmental Consciousness and Stewardship
- ❖ Environmental Leadership and Justice
- ❖ Science-Policy-Society Connect
- ❖ Professionalism, Creativity and Integrity



ACADEMIC AND RESEARCH PROGRAMMES



Master's Degree in Environmental Science

As per the NEP 2020, the Master's Degree in Environmental Science spreads over 1-2 Academic Years comprising 2-4 Semesters respectively. The degree will involve six different types of courses, including Core Course (CC) which will be a compulsory course; and five other courses namely Discipline Centric Elective Course (DCEC), Open Elective Course (OEC), Employability and Entrepreneurship Skill Course (EEC), Vocational Course (VOC), and Skill Enhancement Course (SEC). Every student will have to earn a minimum of 20 to a maximum of 24 credits in each semester. Thus, for the award of a 2- years Master's Degree in Environmental Science will range from 80 to 96 credits, whereas for the award of a one year PG Diploma will require a total of 40-48 credits. Pertinent to mention, that irrespective of the type of the degree, every student has to earn at least half of those credits from the Core courses, and the rest from other courses.

As for mode of entry for the Master's Degree in Environmental Science, the 2- Year Master's Degree will have a basic eligibility of 3-year UG, wherein a student can earn a PG Diploma after completion of one year (should he/she opt for an exit), and a Master's Degree in Environmental Science after completion of two years. However, the students with a 4-year UG Honours/Honours with research, can earn a Master's Degree only after completion of one year.



Students at Khardung La, Ladakh



Programme Offered: M.Sc. Environmental Science
Duration: 2 Years/4 Semesters
Intake Capacity: 19+6 Self-finance seats
Eligibility: Any graduate having earned minimum of 12 credits in subject Environmental Science under CBCS /NEP 2020 scheme
or
Three year B.Sc in Annual / Semester Scheme / B.V.Sc/ B.Tech/B.E.

PhD in Environmental Science

Research Programme: Ph.D/I-Ph.D
Eligibility: M.Phil/M.Sc in Environmental Science
Candidates who have qualified UGC/CSIR-NET/JRF or ICMR-JRF or ICAR- NET/JRF or SET/SLET/GATE/CEED/GPAT or any other equivalent test declared so by the UGC or have been awarded M. Phil/ NET for Ph.D
Duration: 3-7 years
Residency time: 2/3 years



Students of M.Sc. III Sem Batch 2023 visiting URI II Hydro Power Station



Course Curriculum: The curriculum of the department is developed which is socially relevant, locally need based, national important and globally significant. The curriculum is based on national curriculum framework in alignment with National Missions and SDGS, besides being:

- Broad Based
- NEP Oriented
- Choice Based
- Skill and Employability Oriented
- Focused on Sustainability and Environmental Problems
- Competitive exams

National Missions

National Mission for Sustaining the Himalayan Ecosystem

National Mission on Strategic Knowledge for Climate Change (NMSKCC)

National Biodiversity Mission

National Mission for a Green India

National Biodiversity Mission

Swachh Bharat Mission (SBM)

National Mission for Waste to Wealth



Course connections with National Action Plan on Climate Change



Course connections with SDGs in different semesters



Programme Outcomes:

PO-1: Capable of exhibiting comprehensive understanding of environmental issues and gain a deep understanding of various environmental issues and challenges.

PO-2: Understand the complexity of various environmental problems and develop a problem solving research aptitude.

PO-3: Ability to communicate the research findings with the scientific community as well as with the general public.

PO-4: Capability of applying the knowledge to solve environmental problems and conduct environmental impact assessment and develop environment management plans for different sectors.

PO-5: Capable to perform both as an individual, and as a team member or leader in diverse governmental and non-governmental organizations.

Programme Specific Outcomes:

PSO-1: The detailed knowledge of national and international environmental laws, regulations, and policies governing environmental protection and conservation.

PSO-2: Conveying complex environmental issues to various stakeholders, including policymakers and the general public.

PSO-3: Develop strong analytical and research skills to study environmental problems and propose potential solutions for promoting sustainable practices.



Course Curriculum M. Sc Environmental Science (Total 112 Credits)

Course	1 st SEMESTER	2 nd SEMESTER	3 rd SEMESTER	4 th SEMESTER
	12 credits	16 credits	16 credits	12 credits
Core (56 credits)	Components of Environment	Prevention and Control of Environmental Pollution -I	Natural Resources	Project Work
	Environmental Chemistry	Prevention and Control of Environmental Pollution -II	Environmental Impact Assessment	
	Laboratory Course	Biodiversity and Resource Management	Waste Water Engineering	
		Laboratory Course	Laboratory Course	
Discipline Centric Elective (48 credits)	Environmental Geosciences	Atmospheric Sciences	Environmental Laws and National Policies	Fresh water Ecology
	Environmental Toxicology	Environmental Economics and Sustainable Development	Environmental Microbiology and Biotechnology	Terrestrial Ecology
	Mountain Ecology	Green Environment and Ecotourism	Remote Sensing and GIS	Environmental Planning and Auditing
	Human and Environment	Ecological Tour (Outside J&K)	Ecological Tour (Ladakh)	Restoration Ecology
Generic Elective (4 credits)	Basics of Ecology & Environment	Environmental Issues		
Open Elective (4 credits)	Environmental Ethics and Sociology		Environmental Protection	



COURSE STRUCTURE ENVIRONMENTAL SCIENCE (FYUG) UNDERGRADUATE (NEP 2020)

COURSE TITLES WITH CREDIT WEIGHTAGE FOR ALL THE SEMESTERS OF FYUP FOR ENVIRONMENTAL SCIENCE AS A MAJOR/MINOR AS PER NEP 2020

SEMESTER	COURSE CODE	COURSE TYPE	COURSE TITLE	CREDITS	
				THEORY	PRACTICAL
I	EV5122J	CT-1 (MAJOR)	Environment and Ecology	4	2
II	EV5222J	CT-1 (MAJOR)	Natural Resources and Biodiversity	4	2
III	EV5322J	CT-1 (MAJOR)	Environmental Chemistry	4	2
IV	EV5422J1	CT-1 (MAJOR)	Human and Environment	3	1
	EV5422J2	CT-2 (MAJOR)	Environmental Pollution	4	2
	EV5422J3	CT-3 (MAJOR)	Environmental Geoscience and Disaster Management	4	2
V	EV5522J1	CT-1 (MAJOR)	Environmental Laws and Policies	3	1
	EV5522J2	CT-2 (MAJOR)	Environmental Pollution Control and Management	4	2
	EV5522J3	CT-3 (MAJOR)	Aquatic Ecology	4	2
VI	EV5622J1	CT-1 (MAJOR)	Environmental Economics and Sustainable Development	3	1
	EV5622J2	CT-2 (MAJOR)	Atmospheric Science	4	2
	EV5622J3	CT-3 (MAJOR)	Terrestrial Ecology	4	2
For students having CGPA Score of < 7.5 are eligible for Honours mode PG (Eligible for PG only)					
VII	EV5722J1	CT-1 (MAJOR)	Environmental Impact Assessment and Auditing	3	1
	EV5722J2	CT-2 (MAJOR)	Environmental Engineering	4	2
	EV5722J3	CT-3 (MAJOR)	Environmental Planning, Remote Sensing and GIS	4	2
VIII	EV5822J1	CT-1 (MAJOR)	Climate Change	3	1
	EV5822J2	CT-2 (MAJOR)	Environmental Toxicology	4	2
	EV5822J3	CT-3 (MAJOR)	Environmental Microbiology and Biotechnology	4	2
Or					
For students having CGPA Score of >7.5 are eligible for Research mode PG (Eligible for PhD if they get CGPA score of >7.5 overall)					
VIII	EV5822J1	CT-1 (MAJOR)	Research Methodology and Ethics	3	1
	Internship/ Research		Research project	12	



COURSE STRUCTURE WATER MANAGEMENT (FYUG) UNDERGRADUATE (NEP 2020)

COURSE TITLES WITH CREDIT WEIGHTAGE FOR ALL THE SEMESTERS OF FYUP FOR WATER MANGEMENT AS A MAJOR/MINOR AS PER NEP 2020

SEMESTER	COURSE CODE	COURSE TYPE	COURSE TITLE	CREDITS	
				THEORY	PRACTICAL
I	WMG122J	CT-1 (MAJOR)	Introduction to Water	4	2
II	WMG222J	CT-1 (MAJOR)	Hydrology and Water Quality	4	2
III	WMG5322J	CT-1 (MAJOR)	Water Chemistry	4	2
IV	WMG422J1	CT-1 (MAJOR)	Water Pollution	3	1
	WMG422J2	CT-2 (MAJOR)	Water Quality Monitoring and Assessment	4	2
	WMG422J3	CT-3 (MAJOR)	Water and Sustainable Development	4	2
V	WMG22J1	CT-1 (MAJOR)	Water Resource Management	3	1
	WMG522J2	CT-2 (MAJOR)	Water Management in Agriculture	4	2
	WMG522J3	CT-3 (MAJOR)	Flood and Drought Management	4	2
VI	WMG622J1	CT-1 (MAJOR)	Water and Wastewater Engineering	3	1
	WMG622J2	CT-2 (MAJOR)	Fresh Water Ecology	4	2
	WMG622J3	CT-3 (MAJOR)	Bioremediation and Restoration	4	2
For students having CGPA Score of < 7.5 are eligible for Honours mode PG (Eligible for PG only)					
VII	WMG722J1	CT-1 (MAJOR)	Environmental Impact Assessment in Water Management	3	1
	WMG722J2	CT-2 (MAJOR)	Climate Change and Water	4	2
	WMG722J3	CT-3 (MAJOR)	Water Law and Policy	4	2
VIII	WMGB22J1	CT-1 (MAJOR)	Water Sanitation and Public Health	3	1
	WMGB22J2	CT-2 (MAJOR)	Water Economics and Governance	4	2
	WMGB22J3	CT-3 (MAJOR)	Oceanography	4	2
For students having CGPA Score of >7.5 are eligible for Research mode PG (Eligible for Ph.D if they get CGPA score of >7.5 overall)					
VIII	WMGB22J1	CT-1 (MAJOR)	Research Methodology and Ethics	3	1
	Internship/ Research		Research project	12	



Board of Studies (BOS) held during the last five years (2019-2023)

S.No	Course	Date
1	UG Environmental Science	03-04-2019
2	PG Environmental Science	09-04-2019
3	PG Water Management	27-06-2019
4	FYUG Environmental Science	03-03-2022
5.	FYUG Water Management	22-07-2022
6.	FYUG Environmental Science	09-11-2023
7.	FYUG Water Management	10-11-2023

Members of the Board of Post-Graduate Studies of Environmental Science (2025-2027)

1.	Dr. Sami Ullah Bhat	Chairman/Convenor/ Coordinator/HoD EVS
2.	Dr. Arshid Jehangir	Member from Department
3.	Dr. Mohammad Muslim	Member from Department
4.	Prof. Bashir A. Ganai (CORD)	Member from University Department
5.	Prof. Pervez Ahmad (Geography)	Member from allied Subject
6.	Dr. Parvaiz Ahmad Pathan (CUS)	Member from other Institution
7.	Prof. F. A. Lone (SKUAST-K)	Member from other Institution
8.	Dr. Aftab Ahmad (GDC, D.H. Pora)	Member from Degree College
9.	Ms. Soha-ul-Islam	Member (Research Scholar)
10.	Mr. Ikhlq Majeed Wani	Member (Research Scholar)
11.	Nominee of Director, Department of Industries & Commerce, JK, Govt	To be nominated by the Director

Members of the Board of Post-Graduate Studies (BOPGS) of Water Management (2025-2027)

1.	Dr. Sami Ullah Bhat (Coordinator)	Chairman/Convenor
2.	Dr. Arshid Jehangir	Member from Department
3.	Dr. Mohammad Muslim	Member from Department
4.	Dr. Irfan Rashid (Geoinformatics)	Member from University Department
5.	Prof. Mohsin Ahmad Bhat (Chemistry)	Member from Allied Subject
6.	Dr. Khalid Muzamil Gani (NIT Srinagar)	Member from other Institution
7.	Prof. F. A. Bhat (SKUAST-K)	Member from other Institution
8.	Dr. Aasimah Tanveer (GDC, Baramulla)	Member from Degree College
9.	Ms. Huma Khurshid Wani	Member (Research Scholar)
10.	Ms. Samina Hamid	Member (Research Scholar)
11.	Nominee of Director, Department of Industries & Commerce, J&K, Govt	To be nominated by the Director



Members of the Board of Under-Graduate Studies (BOUGS) of Environmental Science (2025-2027)

1.	Dr. Sami Ullah Bhat (Coordinator)	Chairman/Convenor
2.	Dr. Arshid Jehangir	Member from Department
3.	Dr. Mohammad Muslim	Member from Department
4.	Dr. Irfan Rashid (Botany)	Member from University Department
5.	Prof. Javeed Iqbal Bhat (SKUAST-K)	Member from other Institution
6.	Dr. Showkat Subhan (GDC, Sogam)	Member from College
7.	Dr. Mubashir Jeelani (GDC, Bemina)	Member from College
8.	Dr. Asia Nazir Khan (GDC, M. A. Road)	Member from College
9.	Dr. Shazia Lone (GDC, Kupwara)	Member from College
10.	Dr. Naseer Ahmad (GDC, C-S, Budgam)	Member from College
11.	Dr. Adil Hamid (GDC, Kulgam)	Member from College
12.	Dr. Aabid Hussain Mir (GDC, Verinag)	Member from College
13.	Nominee of Chairman of BOSE	To be nominated by the Chairman BOSE
14.	Nominee of Director, Department of Industries & Commerce, J&K, Govt	To be nominated by the Director

Members of the Board of Under-Graduate Studies (BOUGS) of Water Management (2025-2027)

1.	Dr. Sami Ullah Bhat (Coordinator)	Chairman/Convenor
2.	Dr. Arshid Jehangir	Member from Department
3.	Dr. Mohammad Muslim	Member from Department
4.	Prof. Muzaffar Ali Andrabi (IoT)	Member from University Department
5.	Prof. Irfan Ahmad Khan (SKUAST-K)	Member from other Institution
6.	Dr. Aftab Ahmad Bhat (GDC, DHPora)	Member from College
7.	Dr. Aasimah Tanveer (GDC Baramulla)	Member from College
8.	Dr. Rayees Ahmad Magray (CUS)	Member from College
9.	Dr. Syed Javaid Ahmad Andrabi (CUS)	Member from College
10.	Dr. Sartaj Ahmad Ganai (GDC, Anantnag)	Member from College
11.	Dr. Mohd. Muzamil Bhat (CUS)	Member from College
12.	Dr. Sana Mehraj (CUS)	Member from College
13.	Nominee of Chairman of BOSE	To be nominated by the Chairman BOSE
14.	Nominee of Director, Department of Industries & Commerce, J&K, Govt.	To be nominated by the Director



Faculty Profile

Name & Designation of the Faculty Member	Qualification	Area of Research
Dr. Sami Ullah Bhat Sr. Assistant Professor Coordinator	M.Sc., Ph.D Environmental Science	Water Pollution, Limnology, Stream/ River Ecology, Crenobiology, EIA
Dr. Arshid Jehangir Sr. Assistant Professor	M.Sc., Ph.D Environmental Science	Environmental Pollution, EIA, Solid Waste Management
Dr. Mohammad Muslim Assistant Professor	M.Sc., PGDRSGIS, Ph.D, Environmental Science	Remote Sensing and GIS, Climate Change
Assistant Professors (Contractual)		
Dr. Gazala Qazi	M.Sc, Ph.D Environmental Science	Biodiversity Conservation, Natural Dyes and Nutrient Dynamics
Dr. Javaid M. Dad	M.Sc, Ph.D Environmental Science	High Altitude Ecosystems, Biodiversity Conservation
Dr. Shamsul Haq	M.Sc, Ph.D Environmental Science	Toxicology, Water and Soil Pollution
Dr. Mohd Sharjeel Sofi	M.Sc, Ph.D Environmental Science	River Ecology, Water Pollution



Dr. Sami Ullah Bhat



Designation: Coordinator / Senior Assistant Professor

Specialization/ field: Water Pollution, Limnology, Stream/River Ecology, Crenobiology, EIA

Teaching Experience: > 19 years ; **Research Experience:** > 21 years

Workshop/Conference/Seminar Organized: 18

Workshop/Conferences/Seminar/Training programmes attended: 50

M. Phil/ Ph. D submitted/awarded: 10

Ph. D Scholars presently under supervision: 12

PG student Dissertation & Project fellows/interns supervised: 59 & 22

Research paper publications and Book Chapters: 100 and 10

Cumulative Impact Factor >250; H index: 25; I10 index: 59;

Citations: 2334

No. of Research Projects in progress & amount generated: 3; 284.52 (Lakh)

No. of Research Projects completed & amount generated: 9; 356.27 (Lakh)

Consultancy projects completed & amount generated: 9; 189.05 (Lakh)

Fellowships awarded: 3

Travel grants awarded: 11

Membership of professional organizations and scientific bodies: 6

NABET QCI Recognition: Functional Area expert in Water Pollution (WP) and Ecology and Biodiversity (EB)

Dr. Sami Ullah Bhat, a native of Kokergund Yaripora in Kulgam, Kashmir, completed his undergraduate studies at Government Degree College Anantnag and Master's and Ph.D. in Environmental Science from the University of Kashmir, Srinagar. His doctoral research focused on the ecology of freshwater springs in Kashmir. Currently, he serves as a Senior Assistant Professor and is Coordinator of Department of Environmental Science at the University of Kashmir, where he teaches a range of courses, particularly in aquatic science and pollution, and conducts research on diverse inland water bodies such as springs, groundwater, streams, rivers, lakes, wetlands, reservoirs, and wastewater systems. Dr. Bhat has an impressive research profile of over 110 published research articles and book chapters in both national and international journals. He has actively participated in numerous national and international conferences and is passionate about travel, which he uses as a means to enhance his professional skills and field expertise. He has successfully worked in seven Environmental Impact Assessment (EIA) consultancy projects and has secured research funding from prestigious national agencies including DST, SERB, NMHS, and MoEF&CC, Government of India. His work spans multiple freshwater systems like lakes, wetlands, streams, rivers, springs, and groundwater, water policy and Microplastics. A pioneer in the field of crenobiology (study of springs) in Kashmir, Dr. Bhat has made significant contributions to the understanding of spring ecosystems besides deeply engaged in high-altitude lake research in the Kashmir Himalayas. He is currently on panel of expert (2024-2026) for preparation of HKH Spring outlook by HUC-ICIMOD. Through his mentorship, editorial roles, and academic leadership, he has played a key role in bringing water science to the forefront of environmental planning and management. Dr. Bhat holds memberships and fellowships in several respected scientific and professional organizations, including the Freshwater Biological Association, Indian Association of Hydrologists, Indian Meteorological Society, Environmental Society, International Association of Cryospheric Sciences, Aquatic Ecosystem Health and Management Society, and Himalayan University Consortium (HUC). He is currently Editor in Chief of the UGC-CARE listed Journal of Himalayan Ecology and Sustainable Development and Associate Editor of Water, Air and Soil pollution.



Dr. Arshid Jehangir



Designation: Sr. Assistant Professor

Specialization/ field: Environmental Impact Assessment, Environmental Pollution, Solid Waste Management

Teaching Experience: Having 18 years of teaching experience at PG level

Research Experience: Having research experience of 20 years

Workshop/Conferences/Seminar Organized: 22

Workshop/Conferences/Seminar attended: 30

Number of M. Phil Ph.D degree awarded under supervision: 08

Number of Ph.D Scholars presently working under supervision: 10

No. of publications: >60

Cumulative Impact Factor: >150; H index: 20; i10 index: 34; 3 Citations: 1204

Research Projects completed and in progress Amount Generated: 05; 280 lakh

Consultancy projects completed and amount generated: 15; 190 lakh

NABET QCI Recognition: Functional Area Expert for Air Quality (AQ) and Air Pollution (AP)

Nominated as Expert member by National Green Tribunal (NGT) constituted Committee for implementation of Solid Waste Management in Srinagar City

Member: National Clean Air Program (NCAP)

Member State Advisory Board for Solid Waste Management, J&K State,

Dr. Arshid Jehangir from Naseem Bagh, Hazratbal Srinagar of J&K did his Masters in 2002 and PhD in 2010 in Environmental Sciences from University of Kashmir. He is working as senior Assistant Professor in the Department of Environmental Sciences, University of Kashmir. He has more than 18 years of teaching experience at PG level and 20 years of research experience. His thrust area of research includes Air Water and Soil Pollution, Paleoclimatic studies, Solid Waste Management, Terrestrial Ecology and Noise Pollution. Dr. Jehangir has published more than 60 research papers in various national and international journals. He has successfully executed 5 research projects and 14 consultancy projects as principal investigator. Dr. Jehangir is associated with two international collaborative projects HIMPAC (Himalayan Modern and Past Climate) and Reconstructing ISM and westerlies influence on Holocene hydrology, productivity and regime shifts in NW Himalaya with Deutsches GeoForschungs Zentrum (GFZ) Potsdam and Potsdam University, Germany. He has also earned research grants at national level from premier funding agencies like MoEF&CC, MRHD, Govt of India, ANRF (SERB-DST), JKSTIC and J&K Govt. He is presently having collaborative research projects with IITB, IITD and IISER Mohali.

He has also been deputy coordinator of EIA projects at Kashmir University and associated with development of Environmental Impact Assessments (EIA) of various development projects especially Hydropower, Tourist Hill Stations, Area Development Projects, Roads and Industrial estates. He has organized various regional and national seminars related with different environmental issues in the Himalayan region. He is a member/fellow of various learned professional organizations like National Environment Science Academy (NESAs), Indian Meteorological Society, Indian Association for Air Pollution Control (IAAPC), Jammu and Kashmir Science Academy (JAKSA). He is executive editor of UGC-CARE approved Journal of Himalayan Ecology and Sustainable Development and also reviewer of many journals of national and international repute. Besides he is actively involved in various environmental awareness, conservation and protection programmes at state and national level.



Dr. Mohd Muslim



Designation: Sr. Assistant Professor
Specialization/ field: Remote Sensing, GIS, Climate change Adaptation, and Risk Assessment.
Teaching Experience: > 09 years
Research Experience: > 15 years
Workshop/Conference/Seminar Organized: 09
Workshop/Conferences/Seminar/Training programmes attended: 25
PhD Scholars presently under supervision: 07
PG student Dissertation & Project fellows/interns supervised: 30
Research paper publications: 25 Book Chapters 3
Books / Monographs published/project reports: 05
H index: 10; **i10 index:** 10; **Citations:** 540
No. of Research Projects in progress: 02
Amount generated: 77 (Lakh)
Travel grants awarded: 02
Membership of professional organizations and scientific bodies: 02

Dr. Mohd. Muslim is a native of Habak, Srinagar in the Union Territory of Jammu and Kashmir. He earned his Master's degree in Environmental Science from the Department of Environmental Science, University of Kashmir, in 2006. He subsequently pursued a Post Graduate Diploma in Remote Sensing and Geographic Information System (PGDRSGIS) from the Department of Geology and Geophysics at the same university. Dr. Muslim has received extensive training in Remote Sensing and GIS, including a six-week foundational course in Remote Sensing, GIS, and GPS technologies at the Indian Institute of Remote Sensing. He completed his Ph.D. in Environmental Sciences from Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST-K) Shalimar, 2013. He has actively presented his research at various national and international conferences and has several publications to his credit in reputed journals. His work includes significant contributions to national-level reports on wetland and biodiversity mapping in the Kashmir Himalayan region. Dr. Muslim has been involved in numerous research projects at both national and international levels. These include collaborations with the Indian Space Research Organization (ISRO), National Remote Sensing Centre (NRSC), Ministry of Earth Sciences, Department of Ecology, Environment and Remote Sensing (Government of Jammu and Kashmir), and the National Institutes of Health (NIH), USA.

His research spans diverse areas such as: Biodiversity Characterization at the Landscape Level, National Wetland Inventory and Assessment, Mapping Indicators of Desertification, Assessing Climate Change Impacts on Land Use and Hydrology of the Jhelum Basin, Geospatial Monitoring of Priority Areas, HIV Prevention and Trials Network (HPTN-074) Study. He is a lifetime member of the Indian Society of Geomatics and the Zoological Society of India. Dr. Muslim has been engaged in teaching and mentoring at the postgraduate level, guiding students in M.Sc. Geoinformatics, PG Diploma in Remote Sensing and GIS, M.Sc. Environmental Science Design your Degree program. In April 2017, Dr. Mohd. Muslim joined the Department of Environmental Science at the University of Kashmir as an Assistant Professor. Since then, he has supervised 30 M.Sc. students, and currently, seven Ph.D. scholars are conducting research under his guidance. His core research interests encompass Remote Sensing, Geographic Information Systems (GIS), climate change adaptation, and risk assessment.



HoD DIRECTORY

S.No.	NAME	PERIOD
1.	Prof. A. R. Yousuf	Apr 2000 – Jan 2009
2.	Prof. Azra N. Kamili	Jan 2009 – Jan 2012
3.	Prof. A. K. Pandit	Jan 2012 – Mar 2012
4.	Prof. Azra N. Kamili	Mar 2012 – Oct 2013
5.	Prof. Bashir A. Ganai	Oct 2013 – Nov 2016
6.	Prof. Azra N. Kamili	Nov 2016 – Dec 2018
7.	Prof. Bashir A. Ganai	Dec 2018 – Nov 2019
8.	Prof. Fayaz Ahmad	Nov 2019 – Sep 2024
9.	Dr. Sami Ullah Bhat	Sep 2024 -



Get-together of Former HoDs with the Faculty



PROFILE OF FORMER HODs OF THE DEPARTMENT

Prof. A. R. Yousuf



(Apr. 2000- Jan. 2009)

Prof. Yousuf was born on 28th August, 1951 at Malla Bagh (Hazratbal), Srinagar (Jammu & Kashmir), obtained M. Sc. (Zoology) in 1974 and Ph. D. (Limnology & Fisheries) in 1979 from University of Kashmir. He served as post-graduate teacher and researcher in his *alma mater* for more than three decades, from 1981 to 2012. During his tenure at the University of Kashmir, he held several important positions such as (a) Director, Center of Research for Development (CORD) (2000 – 2009), (b) Head, Department of Environmental Science (2000 – 2009), (c) Dean, Faculty of Biological Sciences (2009 – 2011) and (e) Dean, Academic Affairs (2009 – 2011) and Coordinator EIA projects. He retired from the National Green Tribunal, New Delhi as Expert Member in 2016.

Prof Yousuf has published more than 170 research articles and three books in the field of Limnology & Fisheries and have guided 42 M.Phil and 30 Ph. D scholars. During his stay at the University Prof. Yousuf conducted 11 Research and 17

Consultancy Projects sponsored by different funding agencies of the country, organized a number of seminars/symposia and had scientific collaborations with scientists from Sweden and Germany. He has been instrumental in developing Environmental Impact Assements studies in the University of Kashmir and has been been accredited Coordinator and Functional Area Expert for EIA projects by NABET QCI. He has been awarded gold medal by Indian Academy of Environmental Sciences in 2005, Prof. E P Odum Gold Medal in 2007 and Prof. JS Datta Munshi Gold Medal in 2009 for his contributions to the research and acsdemic field. He has served as member of different scientific bodies both at regional and national level like Jammu & Kashmir State Appellate Authority, Expert Appraisal Committee of MoEF (Govt. of India) for Hydropower projects, Central Wetland Regulatory Authority of India, Scientific Advisory Committee to Chief Minister, Chairman, Scientific Advisory Committee, Dal Lake Conservation Project etc. Prof. Yousuf is Honorary Fellow of Inland Fishery Society of India, Zoological Society of India and National Institute of Ecology, New Delhi.

Some of the significant contributions of Prof Yoususf are

- Establishing the Post Graduate Department of Environmental Science (started in 2001) in the University on sound footing
- He was instrumental in getting the CORD Accredited as EIA consultant organization by NABET, QCI, which was only one among the Universities in India and overall in northern India.
- As Dean Faculty of Biological Science he started the on-line admission process to M. Phil and PhD with complete transparency in entrance tests.
- As DAA he played a vital role in making the whole admission process of selection most transparent, which was highly appreciated by the civil society in general and student community in particular.



Prof. Azra N. Kamili



Prof. Azra N. Kamili hailing from Srinagar has graduated from Govt. Women's Degree College Nawakadal, Srinagar and has completed her Master's and Doctorate in Botany from Department of Botany, University of Kashmir.

Presently working as Nodal Person, Department of Botany, Central University of Kashmir. Prof Kamili has held important positions at University of Kashmir, as Head Department of Environmental Sciences, as Director, Centre of Research for Development (CORD), and Dean Faculty of Biological Sciences, University of Kashmir. She

has been pioneer worker of Plant Tissue Culture in state and completed her Ph.D on "*In vitro* and *In vivo* studies of *Morus* Species in Kashmir valley". She was actively

(Jan. 2009- Jan. 2012)

(Mar. 2012- Oct. 2013)

(Nov. 2016- Dec. 2018)

involved in teaching of various courses/credits in department of Environmental Science and P.G. Course in Microbiology especially Plant Biotechnology, Plant Tissue Culture, Microbial Ecology, Environmental Microbiology and

Conservation Biology. Prof Kamili is having more than 200 research articles, 4 book chapters and 9 books to her credit. She has organized almost 45 national and international seminars/conferences/ workshops/ brain storming sessions and has participated in 55 national and international seminars/ conferences/ workshops/ brain storming sessions. Being highly trained and experienced she has been a member of 58 Govt. Bodies/Committees and is also recipients of 08 awards and medals from various agencies.

Prof. Kamili has successfully completed 20 research projects sponsored by various agencies like DST, DBT, MoEF, Government of India. Till date 46 Ph.D and 28 M.Phil students have completed their degrees under her guidance and presently twelve doctoral candidates are working under her supervision, in addition to these more than 80 M.Sc. students have successfully completed their research projects under her guidance. She has established the Mushroom/Spawn production Entrepreneurship unit under DBT projects which have proved highly beneficial for the society especially women and so far 720 trainees have received training from this facility. She is also life member/fellow of various learned professional organisation like Botanical Society of India, Horticulture Society of India, National Environmental Science Academy, Indian Academy of Environmental Sciences, Kashmir University Alumini Association and Kashmir University Teachers Association.



Prof. A. K. Pandit



Prof. A. K. Pandit has a Masters and Doctorate in Zoology from University of Kashmir Srinagar. He has worked on Biotic factor and food chain structure in some typical wetlands of Kashmir while pursuing his Ph.D programme. He has extensively worked in the fields of Ecology - Wetland Ecology, Limnology, Fish and Wildlife Ecology, Animal Ecology, Algology, Trophic Ecology, Production Ecology, Ecosystem Analysis and Conservation Ecology. He has superannuated as a professor of CORD and has worked as Head Department of Environmental Science for a very brief period.

(Jan. 2012- Mar. 2012)

He served for more than 14 year in teaching and research at the department of Environmental Science. He is a recipient of WEC-IIIEE-IAEWP Environment Award offered in 6th World Environment Congress by Dr. Shanker Dayal Sharma, Former President of India, for outstanding contribution in Environmental Research. Prof. Pandit has published more than 200 research articles in journals of national and international repute and sufficiently lectured on ecology and environmental issues. He has worked on some research projects which include Conservation of Dal and Nilnag lakes in Kashmir and Ecology and Production Studies of Some Wetlands in Kashmir. He was a very active member of editorial board of Journal of Research and Development and Journal of Himalayan Ecology and Sustainable Development.

He has supervised 15 Doctorates and 20 M.Phil. Candidates. He has been a member of various professional organizations and societies like National Institute of Ecology (NIE), Indian Ecological Society (IES), Indian Association for Pollution Chemists and Biologists (IAPCB) and International Society for Tropical Ecology (ISTE). His prominent contribution include the publication of 04 books titled Ecology, Environment and Energy, Freshwater Ecosystems of the Himalaya, Natural Resources of Western Himalaya. He has delivered a number of invited lectures at various forums at national and international level. He has also organized more than 5 conferences /seminars of local and national importance.



Prof. B. A. Ganai



Prof. B. A. Ganai born on 4th February, 1966 in Kathair Gund, District Budgam, J&K did his M.Sc (1988), M.Phil and Ph.D Biochemistry from University of Kashmir, Srinagar, Prof. Bashir Ahmad Ganai is currently serving as a Professor at the Centre of Research for Development (CORD), University of Kashmir, with over 27 years of teaching and 26 years of active research experience in the field of Biochemistry and Molecular Biology. His specialization includes Protein Biochemistry, Enzymology, Environmental Biochemistry, Toxicology, Molecular Biology, and Medicinal Plant Research, with strong expertise in modern biotechnological techniques. He is a qualified recipient of the prestigious Joint CSIR-UGC NET/JRF/SRF and is a Fellow of NESA, APSI, and ICEE.

(Oct. 2013- Nov. 2016)

(Dec. 2018- Nov. 2019)

His academic journey began as an Assistant Professor at S.P. College Srinagar, followed by his appointment as Reader/Associate Professor and later as Professor at the University of Kashmir. Throughout his tenure, he has taken on various important administrative roles, including serving as the Director of CORD and the North Campus, Dean of the School of Unani and Ayurveda Medicine, and Head departments of Environmental Science, and postgraduate programme in Microbiology. Under his leadership, departments have grown both academically and infrastructurally, with numerous successful initiatives such as the establishment of postgraduate programs, CBCS/NEP-based curricula, and the expansion of digital learning through MOOC courses.

A prolific researcher, Prof. Ganai has published over 330 research publications with a cumulative impact factor exceeding 600. His scholarly impact is further reflected by an H-index of 36, i10-index of 126, over 6,510 citations, and more than 1.6 lakh reads of his papers on academic platforms. His commitment to excellence in teaching has consistently earned him outstanding feedback ratings from students, averaging above 93% as per official university assessments.

In addition to his academic and research contributions, Prof. Ganai has played a pivotal role in fostering institutional collaborations and community engagement. He successfully revitalized the research ecosystem at the University's North Campus, facilitated the launch of integrated and interdisciplinary programs, including courses in artificial intelligence, and contributed to infrastructural improvements such as the establishment of hostels and transport services for students. His tenure has also seen the signing of key MOUs and the securing of major project grants.

Prof. Ganai is fluent in English, Urdu/Hindi, Persian, and Kashmiri. His academic vision continues to be shaped by a deep commitment to innovation, collaborative growth, and the holistic development of both students and institutions.



Prof. Fayaz Ahmad



(Nov. 2019- Sept. 2024)

Prof. Fayaz Ahmad, an eminent academician and accomplished researcher, currently serves as the Director Admissions at the University of Kashmir. After completing his M.Sc. in Zoology with a Gold Medal in 1988, Prof. Fayaz went on to earn his M.Phil in 1990 and Ph.D. in Parasitology in 1994, all from the University of Kashmir. Since then, he has remained a pillar of academic and research excellence at his alma mater. With more than 33 years of postgraduate teaching experience and over 35 years in active research. The main focus of his research is in the fields of taxonomy, fish parasitology, histopathology, and environmental parasitism.

Throughout his service, Prof. Fayaz has held several prominent positions within the University of Kashmir. He served as Head of the Department of Zoology from 2016 to 2019 and as Dean, Students Welfare from 2016 to 2017. His contributions as the Director of the Directorate of Internal Quality Assurance (DIQA) and Nodal Officer for the All India Survey on Higher Education (AISHE) from 2013 to 2016. Additionally, he has served as the Founder Coordinator of the J&K SET Agency, Director of the Statistical Unit, Coordinator of GIAN (Global Initiative for Academic Networks), Assistant Coordinator of UGC-NET and CSIR-NET, and Coordinator of the Srinagar Centre for J&K SET.

Prof. Fayaz is widely recognized for his research contributions, having published or edited 25 books and over 230 research papers in national and international journals. Under his mentorship, 18 M.Phil and 20 Ph.D. scholars have completed their degrees. His leadership in research is further demonstrated through the completion of eight major research projects funded by prestigious agencies like the DST, ICAR, and UGC.

Prof. Fayaz's contributions have been recognized through several awards and fellowships, including the "G. D. Bhale Rao Medal" conferred by the Zoological Society of India in 2018. He has also been a recipient of the Young Scientist Fellowship by Osmania University in 2000 and was honored with a Fellowship by the Zoological Society of India in 2015.

A respected educator, visionary researcher, and dynamic administrator, Prof. Fayaz Ahmad continues to inspire generations of students and scholars through his unwavering dedication, academic leadership, and commitment to scientific advancement.



List of Lecturers (CL) who have served in the Department

S.No	Name	S.No	Name
1	Prof. Javed Ahmad Bhat	14	Dr. Mudasir Ali
2	Ms. Farah Qadri	15	Dr. Newsheen Qureshi
3	Dr. Sumira	16	Ms. Sadaf Bashir
4	Dr. Humaira Qadri	17	Dr. Newsheen Hassan
5	Mr. Shahid Ahmad Wani	18	Dr. Bilal Ahmad Wani
6	Mr. Sheikh Yaqoob	19	Dr. Kaiser Manzoor
7	Mr. Tahir Ahmad Pandit	20	Dr. Moieza Ashraf
8	Dr. Arshid Jehangir	21	Dr. Aftab Ahmad Bhat
9	Dr. Sami Ullah Bhat	22	Dr. Irshad Ahmad Rather
10	Dr. Mubashir Jeelani	23	Dr. Gazala Qazi
11	Dr. Qazi Ashiq Hussain	24	Dr. Shamsul Haq
12	Dr. Aasimah Tanveer	25	Dr. Javaid M. Dad
13	Dr. Bazigha Bader	26	Dr. Mohd. Sharjeel Sofi



Dr. Gazala Qazi



Dr. Javid Mian Dad



Dr. Shamsul Haq



Dr. Mohd. Sharjeel Sofi

Assistant Professor (Contractual) Presently Working in the Department



Technical and Non Teaching Staff of the Department



Students, research scholars along with the staff participating in awarness program



Student's Achievement

- 502 students successfully completed their M.Sc Programme till date.
- 502 research projects (dissertations) have been completed by the M.Sc students on various environmental issues.
- 139 students qualified UGC, CSIR, ICAR JRF/NET/GATE/SET and other competitive examinations.

Student's Admission Metrics Since 2012

Year	Total Students Appeared			Intake Capacity Year wise				Total Admitted		Drop outs	Total Pass Out
	Open Merit	Reserved	Total	OM	Category	Payment	Total	Male	Female		
2012	645	268	913	9	7	9	25	11	14	1	24
2013	660	297	957	9	7	9	25	6	19	1	24
2014	713	383	1096	12	8	6	26	6	20	2	24
2015	772	418	1190	14	7	6	27	8	19	-	27
2016	1000	406	1406	14	7	7	28	8	20	3	25
2016 2 nd Shift	1000	406	1406	21	7	Nil	28	8	20	2	26
2017	721	365	1086	14	7	6	27	14	13	-	27
2018	719	391	1110	14	7	6	27	11	16	3	24
2019	347	208	555	13	8	6	27	16	11	2	25
2020	507	253	760	12	6	6	27	10	15	2	25
2021	540	304	844	14	7	6	27	06	20	2	26
2022	365	175	532	14	9	6	29	05	23	1	28
2023	322	115	437	14	9	6	31	08	14	09	4 th Sem
2024	222	65	287	14	9	6	29	11	16	01	2 nd Sem



LIST OF JRF/NET/GATE/SET QUALIFIED STUDENTS

S. No	Name of the Student	JRF/NET/GATE/SET	Year	S. No.	Name of the Student	JRF/NET/GATE/SET	Year
1	Shahid Ahmad Wani	UGC NET / ICAR NET	2003	74	Rouf Ahmad Bhat	ICAR NET/SET	2015/18
2	Tahir Hussain Pandit	UGC NET /ICAR NET	2003	75	Shahid Amad Ganaie	CSIR NET(JRF)/ SET	2015/18
3	Humaira Qadri	UGC NET /ICAR NET	2003/2004	76	Humaira Nabi	SET	2016
4	Ajaz Ahmad Qureshi	ICAR NET	2004	77	Tehmina Mehraj	SET	2016
5	Aasimah Tanveer	ICAR NET	2004	78	Saima Bashir	SET	2016
6	Sami Ullah Bhat	ICAR NET	2004	79	Feroz Ahmad	SET	2016
7	Aftab Ahmad Bhat	ICAR NET	2004	80	Imran Khan	SET	2016
8	Kawnsar UI Yaqoob	ICAR NET	2004	81	Naseer Ahmad Sanaie	UGC NET	2016
9	Arshid Jehangir	ICAR NET/SET	2004/2005	82	Saima	UGC NET/SET	2016/16
10	Nyla Ali	ICAR NET/SET	2005	83	Sumaira Rashid	UGC JRF)/ICARNET/SET	2016/16/16
11	Tahir Ahmad Malik	SET	2005	84	Inam Saba	SET/UGC NET	2016/17
12	Ishtiyag Ahmad Najar	SET	2005	85	Sameer Ahmad	UGC NET/SET	2016/18
13	Mudasir Ali	SET	2005	86	Shahid Ahmad Dar	SET/UGC NET	2016/17
14	Shahzadi W. Nowbahar	SET	2005	87	Nahida Ramzan	SET/ UGC NET	2016/17
15	QaziAshiqHussain	ICAR NET/SET	2005/2006	88	Masrat Nabi	SET/ICAR NET	2016/2019
16	Shaheena Akhter	UGC NET	2006	89	IqraMaqbool	UGC NET	2017
17	Rayees Ah. Magray	UGC NET/ICAR NET	2006/09	90	Javaid Ahmad Bahar	UGC NET	2017
18	Ifshana Akhter	SET	2007	91	Owais Majeed	UGC NET	2017
19	Faizan Asim	UGC NET	2007	92	Sabreena Akhter	UGC NET/ICAR NET	2017/18
20	Sana Fayaz Ashai	UGC NET/SET	2007/08	93	Saima Hamid	UGC NET	2018
21	Waseem Feroz Malik	SET	2008	94	Mir Riasa Zaffar	SET	2018
22	Shazia Maqbool	SET	2008	95	Khairul Nisa	UGC NET	2018
23	Sajad Ahmad Pir	UGC NET/SET	2008	96	Syed Safoora Andrabi	SET	2018
24	Saima Aijaz	SET	2008	97	Sabreena	UGC NET	2018
25	Saima Munshi	UGC NET/ SET	2008 /2012	98	Sumaira Hamid	UGC NET/JRF	2018
26	Mohammad Irshad	GATE/ICAR/CSIR/UGC-JRF	2009/10/11/12	99	Mohmad Younis Dar	UGC NET/JRF/GATE	2018/19/22
27	Mohd. Abbas Bhat	UGC (JRF) /ICAR NET/SET	2010	100	Inayat Hussain	UGC NET/SET	2020/2018
28	IdreesYousuf Dar	UGC NET/ICAR NET/SET	2010	101	Lone Rafiya Majeed	ICAR NET	2018
29	Rauf Habib Ganie	UGC NET/ICAR NET/SET	2010	102	Mehvish Nazir	UGC NET/SET	2018
30	SakeenaJabeen	ICAR NET	2010	103	Heena Nisar Pahalvi	SET/ICAR NET	2018/18
31	Shahnaz Mir	ICAR NET	2010	104	Bisma Nisar	SET/ICAR NET	2018/18
32	GowharMehraj	CSIR NET	2010	105	Mohammad A. Chouhan	UGC NET	2018
33	Dilafroza Jan	SET	2010	106	Moieza Ashraf	ICAR NET	2019
34	Altaf Hussain	SET	2010	107	Maheen Javaid	ICAR NET	2019
35	Nuzhat Shafi	UGC NET/ SET	2011	108	Gousia Majeed	ICAR NET	2019
36	Sadaf Bashir	UGC NET/ ICAR NET	2012	109	Adil Gulzar Khan	ICAR NET	2019
37	Bisma Zahoor	CSIR NET	2012	110	Ishfaq Qayoom Shah	UGC NET	2020
38	Javid Majeed Wani	UGC NET	2012	111	Muzafar Zaman	UGC NET	2020
39	Mir Firdose Ahmad	CSIR (JRF)/UGC NET/SET	2012/13/13	112	Waleed Ahmad Khan	UGC NET/JRF	2020/2022
40	Shazia Habib	UGC NET/ICAR NET/SET	2012/13/2016	113	Zaiema Rouf Khan	UGC NET	2020
41	Munner-ul-Islam	UGC NET/SET/ ICAR NET	2012/13/13	114	Asif Maqbool Khan	UGC NET	2020
42	Bilal Ahmad Bhat	UGC NET/SET/ ICAR NET	2012/13/14	115	Mukhtar Malik	UGC NET	2020
43	Abroo Ali	UGC NET/ICAR NET/SET	2012/15/16	116	Zakir Hussain Shah	UGC NET/GATE	2020/2025
44	Bilal Ahmad	UGC NET	2013	117	Mehak Amin	UGC NET	2020



45	Javaid Ahmad	UGC NET	2013	118	Arshid Ramzan	UGC NET JRF	2021
46	Naseer Ahmad Dar	UGC NET	2013	119	Adnan Rashid	ICAR NET/UGC JRF	2021
47	Asma Zaffar	UGC NET	2013	120	Bisma Rafi	UGC NET/ICAR NET	2021
48	Gowher Ahmed	UGC NET	2013	121	Safoora Rashid Thokroo	ICAR NET	2021
49	Saleem Ajaz	UGC NET/ ICAR NET	2013	123	Irfana Asad	ICAR NET/SET	2021/2023
50	Samiullah Ganie	UGC (JRF) /ICAR NET	2013	124	Jawher Rasool	UGC-JRF/ICAR /SLET	2021/2022
51	Abdul Aziz	SET	2013	125	Nazia Akhter	SLET	2022
52	Dawood Ahmad Dar	UGC NET	2013	126	Soha UI Islam	UGC JRF	2022
53	Manzoor Ahmad Bhat	SET	2013	127	Bilal Ahmad Shiekh	UGC NET/SET	2022
54	Irfana Showqi	UGC NET/SET/ ICAR NET	2013/13/13	128	Khair UI Nisa	SET	2018
55	Mansoor Ahmad Lone	UGC NET/ SET/ICAR NET	2013/13/14	129	Iqra Maqbool	SET	2022
56	Syeed Mudasir Mushtaq	SET/ /UGC (JRF)/ICAR NET	2013/14/15	130	Showkat Ahmad Lone	SET/UGC NET	2022/2023
57	Moonisa Aslam	UGC NET/ICAR NET/SET	2013/15/16	131	Gousia Majeed	UGC NET	2022
58	Mohd. Sharjeel Sofi	UGC/ICAR NET/SET	2013/15/16	132	Muneeza Shakeel	UGC NET/SET	2022
59	Aabid Yousuf	ICAR NET/ SET	2013/16	133	Sameena Hamid	UGC JRF	2023
60	Aashik Hussain Mir	UGC NET/SET	2013/16	134	Huma Khurshid Wani	UGC NET JRF /SET	2023
61	Arshid Hussain Shah	UGC NET/SET	2013/16	135	Naeem Imtayaz	UGC NET JRF	2023
62	Asma Absar	UGC NET/SET	2013/16	136	Tabina Manzoor	SET	2023
63	Aabid Hussain Mir	UGC NET/ ICAR NET	2014	137	Ikhlaq Majeed	UGC NET	2023
64	Aadil Hamid Sofi	ICAR NET/SET/UGC NET	2014/16/17	138	Shahnaza Akhter	SET/UGC NET JRF	2023/2024
65	Mehmood Khan	ICAR NET	2015	139	Umar Aziz	UGC NET	2023
66	Rifat Ara Wani	ICAR NET	2015				
67	Saleem Farooq Rather	UGC NET/ICAR NET	2015/15				
68	Aamir Hussain Zargar	UGC NET/SET	2015/16				
69	Fahim Bashir	UGC NET/SET	2015/16				
70	Irfan Khan	ICAR NET/UGC NET	2015/16				
71	Saima Parvez	ICAR NET/SET	2015/16				
72	Sabba Yaqoob	ICAR NET/SET	2015/16				
73	Suheel Ahmad Dar	ICAR NET/SET/UGC NET	2015/16/19				



Freshers cum Farewell Party, Novemebr 2024



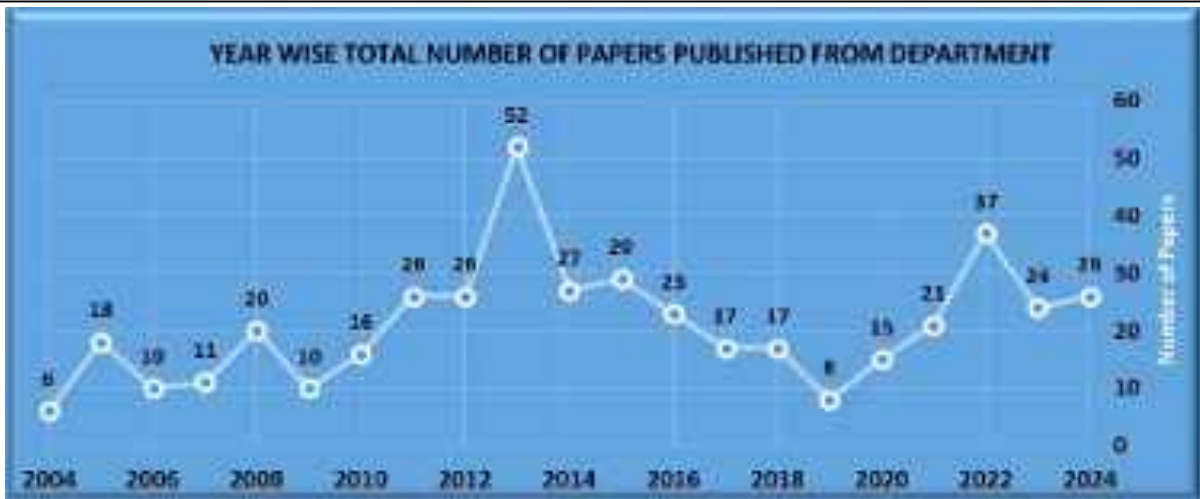
Research, Innovation and Extension

Thrust Areas of Research

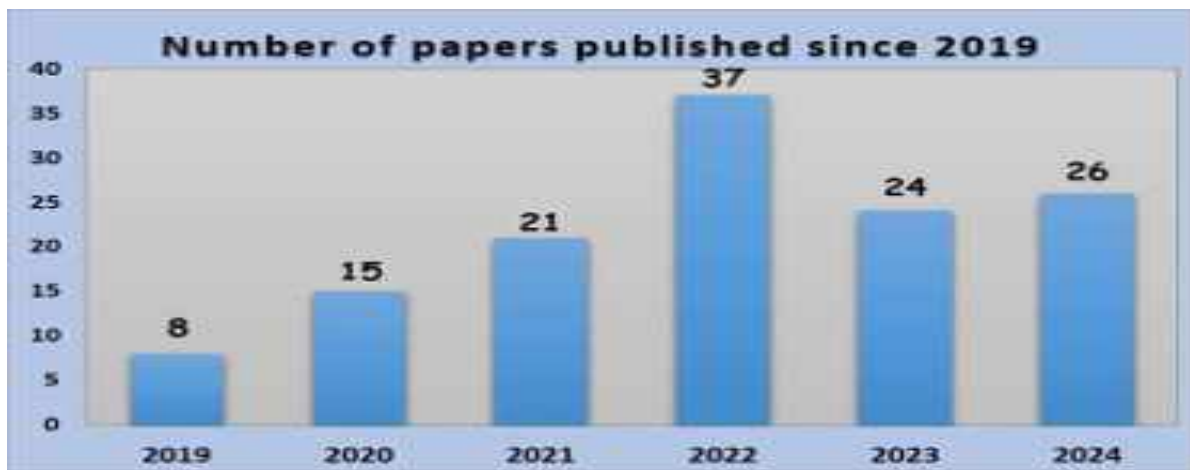
Water, Air and Soil Pollution	Aquatic and Terrestrial Ecology	Remote Sensing and GIS
Environmental Impact Assessment	Climate Change and Adaptation	Solid and Hazardous Waste Management
Biodiversity Conservation and Management	High Altitude Mountain Ecology	Environmental Microbiology

Research Output of the Department

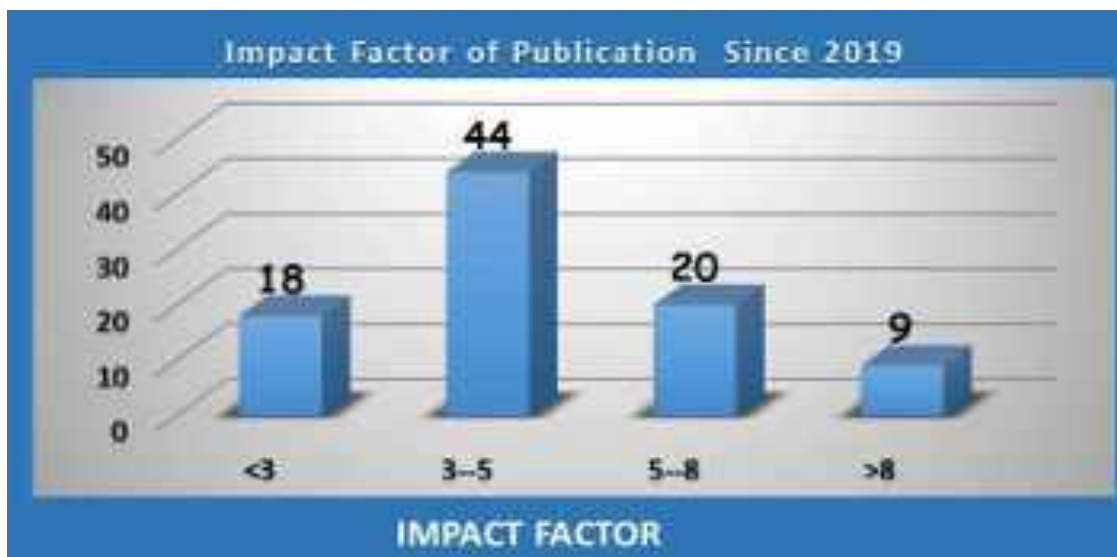
Research Activities	Till 2019	2019-2025	Total
➤ Ph.D Awarded	42	21	63
➤ M.Phil Awarded	42	04	
➤ M.Sc projects Conducted	398	104	
➤ Number of Papers Published	301	118	
➤ Number of Book chapters	08	16	
➤ WOS Projects	6	1	
➤ JRF/NET/GATE/SET	105	34	139
➤ Seminar/Workshops Conducted	27	13	
➤ JRF/Fellowships	26	31	57
➤ Post Doctoral Fellowships	-	04	



YEAR WISE TOTAL NUMBER OF PAPERS PUBLISHED FROM DEPARTMENT



Number of Papers Published Since 2019



Number of Papers with Impact factor published Since 2019



Research Matrics of the Faculty

Number of Research Papers and book chapters	443
Citation Index – range	526- 2390
Cumulative Impact factor (range)	Range (40-250)
Impact Factor Range	1-29
h-index (range)	10- 26
i10 Index (range)	10-61



Research Team at high Alitiude Lake in Pir Panjal Range

**Major Research Grants of the Department**

S. No	Name of the Research Project	Amount Generated (INR)	Name of the Funding Agency	Sanction Year and Duration	PI/Co-PI
1	Emerging Contaminants in Himalayan Catchments: sources, distribution, fate of transport and management	2,39,94,000	NMHS-MOEF&CC	20-03-2025 (3 years)	Dr. Sami Ullah Bhat, Prof. M.S.Bhat, Prof. Gh. Jeelani, Dr Irfan Rashid & Dr. Anoop Ambili
2	Investigating climatic and anthropogenic impact on the groundwater quality of shallow aquifers along the flood plains of River Jhelum, Kashmir Himalaya	44,17,120	ANRF (SERB-DST)	20-02-2024 (3 years)	Dr Aasimah Tanveer, Dr. Arshid Jehangir & Dr Mohd Muslim
3	A Holistic assessment of ecosystem integrity of Kashmir Alpine Lakes through multilevel indicators	38,38,000	DST- SERB	2024 (3 years)	Dr. Aftab Ahmad & Dr. Sami Ullah Bhat
4	Study of Microplastics in drinking water of Srinagar city: An alarming threat to human health	6,20,000	JKSTIC, DST, J&K Govt.	22-12-2024 (2years)	Dr. Sami Ullah Bhat
5	Alteration in micro-RNA's expression of occupational brick kiln workers for Kashmir valley as toxic genomic response to air pollution	6,20,000	JKSTIC, DST J&K Govt.	22-12-2024 (2years)	Dr. Arshid Jehangir
6	Status, Threats and Challenges: Urgent Plea for Protection and Management of Freshwater Springs of Kashmir Himalaya	41,91,000	DST-SERB	2022 (3 Years)	Dr. Sami Ullah Bhat
7	Tipping elements and thresholds for extreme climate events in the Indian Summer Monsoon (ISM) realm (TISUR) IP3: Ecological regime shifts in response to monsoon dynamics and anthropogenic activities	Scientific Cooperation	SENCKENBERG Research Station of Quaternary Palaeontology, Germany	Since 2022	Dr. Martina Stebich Dr. habil. Sushma Prasad Dr. Arshid Jehangir
8	IP1:Reconstructing ISM and westerlies influence on Holocene hydrology, productivity and regime shifts in NW Himalaya.	Scientific Cooperation	University of Potsdam, Universität Hamburg,	Since 2022	Dr. habil. Sushma Prasad Dr. Martina Stebich Dr. habil. Birgit Gaye Dr. Arshid Jehangir
9	Assessment of the Trophic and Economic Evaluation of a Ramsar site Wular Lake, in Kashmir Himalaya	33, 27,240	DST-SERB	2021 (3 Years)	Dr. Showkat Subhan & Dr. Sami Ullah Bhat
10	Study of catchment topography and landuse impact on stream biofilms in Indus basin of Ladakh Himalayas	33,327,39	DST-SERB	2020 (3 Years)	Dr. Mohd Muslim & Dr. Sami Ullah Bhat



11	Assessment of microplastic concentrations and persistent organic pollutants in freshwater ecosystems of Kashmir Himalaya”	52,80,264	RUSA-MHRD	2020 (3 Years)	Dr. Arshid Jehangir, Dr. Sami Ullah Bhat & Dr Anoop Ambili
12	Spatial distribution of Groundwater Quality in the Kashmir Valley with special emphasis on Metal Ion Mapping 2018	56,74,000	DST-SERB	12/02/18 (3years)	Prof Muzafar Ali Andrabi & Dr. Sami Ullah Bhat
13	Anthropogenic impacts and their management options in different ecosystems of the Indian Himalayan Region	43,70,000	NMHS MoEF & CC	21/07/2017 (3years)	Prof. Kuniyal, Dr. Sami Ullah Bhat & Dr Irfan Rashid
14	National Carbonaceous Aerosol Programme (NCAP) WGIII: Carbonaceous Aerosol Emissions, Source Apportionment and Climate Effects	159,55,100	MOEF&CC	2017 (6 years)	Dr. Arshid Jehangir
15	Aquatic macroinvertebrates as Bioindicators- Approache towards understanding the Ecological health of stream ecosystems of Kashmir Himalaya	55,46,000	DST-SERB	27/09/16 (3years)	Dr. Sami Ullah Bhat
16	Water Resources (DST- FIST)	56,00,000	DST-FIST	2016 (5 Years)	Environmental Science
17	Ecological Monitoring of Dal Lake: Studies on the Periphyton, Benthos and Fish and Fisheries	18,63,000	LCMA, J&K Govt.	2012 (3years)	Prof. A. R. Yousuf & Dr. Arshid Jehangir
18	HIMPAC (Himalayan Modern and Past Climate)	Collaboration project	(GFZ) Potsdam, Germany	2011-14 3 Years	Dr. habil. Sushma Prasad, Prof. A. R. Yousuf & Dr. Arshid Jehangir
Total Grants Generated Since 2012		INR = 8,86,28,463.00/-			



Research Scholars Monitoring Air Quality at Tangmarg, Baramulla

**Consultancy Projects of the department Since 2012**

S. No	Name of consultancy project	Sponsoring Agency	Funds Allocated to the Department (INR)	Funds Allocated to the KU (INR)
1.	Relocation and Realignment of Houseboat at Doledumb Dal Lake Srinagar (2021)	LCMA, J&K Govt.	6,00,000	30,00,000
2.	Environmental Sampling charges for NHIDCL Construction work at Gulmarg (2021)	The Jhelum United LTD, Srinagar	40,000	40,000
3.	EIA survey and studies of Bursar HEP, (with dam at Pakal and Power house at Lopara and Pakal) in District Kishtwar (2014-2017) Cat. A	NHPC, Govt. of India	9,00,000	41,80,000
4.	Environmental Assessment Study of Master Plan for Sonamarg Tourist Resort (2014-2017) Cat.A	Sonamarg Development Authority, J&K Govt	7,00,000	27,50,000
5.	EIA and EMP of Yusmarg (2012-13) Cat. A	Yusmarg Development Authority, J&K Govt	5,60,000	27,50,000
6	EIA and EMP of Wular Lake (2013-2014) Cat. A	WUCMA, J&K Govt	6,00,000	20,00,000
7.	Environmental Study for Proposed Seasonal Luxury tented Accommodation Camp at Karan Mahal (2014) Cat B	M/s Vikramadatiya Singh (Cox and Kings)	1,40,000	4,15,000
Total Grants Generated			INR 35,40,000	INR 151,35,000

**Women Scientists (WOS Fellowships)**

Name	Title of Project	Amount Sanctioned (INR)	Name of the Funding Agency	Mentors	Year of sanction and Duration
Humeera Nisa	Isolation, identification and cultivation of endophytic fungi from different species of genus <i>Artemisia</i> for the production of bioactive fungal metabolites.	23,48,355/	DST, GoI, (WOS-A)	Prof. Azra N. Kamili	2013 3 years
Syed Sana Mehraj	Impact assessment of cement dust on the quality <i>Crocus sativus</i> L kashmiranus c.v. with special reference to heavy metal accumulation.	18,90,000/	DST, GoI, (WOS-A)	Prof. Azra N. Kamili	2014 3 years
Tabasum Yaseen	Influence of thermal stratification on hydro-chemical characteristics and plankton communities in Manasbal Lake of Kashmir	9,70,000/	DST, GoI, (WOS-A)	Dr. Sami Ullah Bhat	2014 3 years
Sana Shafi	Use of 16s rRNA gene targeted probes to investigate bacterial diversity and bioindicator species in Manasbal Lake, Kashmir and relationship with trophic status using canonical correspondence analysis.	16,00,000/	DST, GoI, (WOS-A)	Prof. Azra N. Kamili	2016 3 years
Mir Raisa Zaffar	Bioremediation of eutrophication waters of Dal Lake using biofilms	21,00,000/	DST GoI, (WOS-A) Post PhD	Dr. Ruqeya Nazir	2018 3 years
Insha Amin	Bioremediation of heavy metals utilizing microsynthesized nanoparticles for sustainable agriculture	24,24,560/	DST GoI, (WOS-A)	Dr. Ruqeya Nazir	2019 3 years
Mir Rohi Neelofar	Qualitative assessment of Drinking water and analysis of demand supply scenario in urban and rural setting of Kashmir	27,28,000/	DST-WOS-B	Dr. Sami Ullah Bhat	2021
Total Grants Generated			1,40,60,915 INR		



Research team conducting water quality sampling and fish analysis



Research team at Kolahi Glacier

**List of Scholars Received/Receiving Fellowships from Different Funding Agencies Since 2012**

S. No.	Name of the Scholar	Fellowship Name	Date of Award	Amount P/M (Rs.)	Period of Fellowship
1	Mohammad Irshad Rather	UGC JRF	12-11-2012	25,000 (HRA 4,960)	5 Years
2	Saba Fatimah	UGC JRF	01-10-2014 (wef 01-08-2015)	25,000 (HRA 4,960)	5 Years
3	Syed Mudasir Mushtaq	UGC JRF	01-10-2014 (wef 01-08-2015)	25,000 (HRA 4,960)	5 Years
4	Shahid Ahmad Ganiee	UGC-CSIR JRF	01-08-2017	31,000+ (HRA 4,960)	5 Years
5	Nazima Rashid	UGC JRF	01-08-2017	31,000 (HRA 4,960)	5 Years
6	Ali Mohd Yattoo	UGC-CSIR JRF	27-11-2018	31,000+ (HRA 4,960)	5 Years
7	Shahnawaz Hassan	UGC MANF	15-12-2018	31,000 +(HRA 4,960)	5 Years
8	Sabreena	UGC MANF	04-12-2018	31,000 +(HRA 4,960)	5 Years
9	Shahid Hameed	UGC MANF	04-12-2018	31,000 +(HRA 4,960)	5 Years
10	Khair Ul Nisa	UGC MANF	04-12-2018	31,000+ (HRA 4,960)	5 Years
11	Roohi Neelofar	Departmental Fellowship	01-12-2018 to 30-09-2021	10,000	2.6 Years
12	Deachen Chosnit	UGC JRF (UGC)	29-11-2019 (wef 08-10-2021)	31,000+ (HRA 4,960)	5 Years
13	Aarif Yaseen	UGC MANF	12-07-2019	31,000 +(HRA 4,960)	5 Years
14	Muzaffar Zaman	UGC MANF	31-12-2019	31,000 + (HRA 4,960)	5 Years
15	Shabeena Farooq	UGC MANF	31-12-2019	31,000 + (HRA 4,960)	5 Years
16	Mohmad Younis	UGC JRF	31-12-2019 (wef 08-10-2020)	31,000 +(HRA 4,960)	5 Years
17	Saima	UGC MANF	20-08-2019 (wef 01-04-2018)	28,000 + HRA (4,960)	5 Years
18	Zulaykha Khurshid	UGC JRF	12-07-2019 wef 01-10-2019	31,000 + HRA (4,960)	5 Years
19	Ishfaq Qayoom Shah	Project (JRF/SRF) MoEFCC	wef 05-03-2020 to 31-03-2023	31,000+(HRA 9,300)	3.2 Years
20	Rameez Ahmad Shah	UGC MANF	18-09-2020 wef 18-09-2020	31,000 +(HRA 4,960)	5 Years
21	Maheen Javeed	Departmental Fellowship	wef 01-03-2020 to 31-03-2022	10,000	2 Years



22	Zareena Akhtar	Departmental Fellowship	wef (01-04-2021 to 31-03-2024	10,000	3 Years
23	Anayat Hussain	Departmental Fellowship	wef 01-04-2021 to 31-03-2024	10,000	3 Years
24	Zaiema Rouf Khan	Departmental Fellowship	wef 01-04-2021 to 31-03-2024	10,000	3 Years
25	Soha Ul Islam	UGC JRF	19-02-2022	31,000 +(HRA 5,580)	5 Years
26	Gowsia Majeed	UGC MANF	19-02-2022	31,000 +(HRA 4,960)	5 Years
27	Kaneez Fatima	NFST (UGC)	14-10-2022 (wef 01-04-2021)	28,000+ (HRA 4,960)	5 Years
28	Amina	UGC JRF	12-03-2022 (wef 12-06-2023)	37,000+(HRA 6,660)	5 Years
29	Samina Hamid	Departmental fellowship	wef 01-03-2022 to 31-03-2023	10,000	1 year
30	Samina Hamid	UGC JRF	28-12-2021 wef 24-07-2023	37,000 +(HRA 6,660)	5 Years
31	Huma Khurshid	UGC JRF	24-07-2023	37,000+(HRA 6,660)	5 Years
32	Naeem Imtayaz	UGC JRF	24-07-2023	37,000+ (HRA 6660)	5 Years
33	Tufaid Ashraf Wani	SERB-DST	17-02-2023	31,000 +(HRA 4,960)	10 Months
34	Haika Mohi Ud Din	Departmental Fellowship	wef 12-06-2023 to 30-09-2024	10,000	1.4 Year
35	Somia Gulzar	Departmental Fellowship	wef 04-12-2023 to 30-09-2024	10,000	3 Years
36	Ikhlaq Majeed	Departmental Fellowship	wef 12-12-2023 to 30- 09-2024	10,000	3 Years
37	Tufaid Ashraf Wani	Departmental Fellowship	wef 01-04-2024 to 30-09-2024	10,000	6 Months
38	Zaiemah Rouf Khan	Project (JPF- JKDST)	wef 02-04-2024	20,000	5 Months
39	Afreen Khurshid	SERB-DST	wef 23-01-2024 to 26-05-2025	20,000+(HRA 3,600)	2 Years
40	Showkat Ahmad Lone	SERB-DST	wef 01-04-2024 to 31-10-2024	10,000	7 Months
41	Bisma Rafi	SERB-DST	wef 01-02-2025 to	31,000+(HRA 2,480)	3 Years

**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	Ms. Syed Sana Mehraj	Impact of Cement Pollution on Various Biochemical Parameters of Saffron with	Prof. Azra N. Kamili Dr. Ruqeya Nazir	27-04-2016



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



		resistant bacteria from glacial soil in Kashmir	Prof. B. A. Ganai	
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	Prof. Md. Niamat Ali	09-01-2025



		Langur (<i>Semnopithecus ajax</i>)	Dr. Tawqir Bashir	
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
60	Mr. Shahnawaz Hassan Ganie	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	Prof. B. A. Ganai Prof. Bikram Singh Bali	25-03-2025
61	Ms. Gousia Majeed	Effectiveness of Different Elicitors for Inducing Resistance in <i>Capsicum annuum</i> L. Against Fusarium Wilt	Prof. Azra N. Kamili Prof. Manzoor A. Shah	13-05-2025
62	Ms. Insha Amin	Characterization of Heavy Metal Resistant Fungi for Bioremediation of Agricultural Soils	Dr. Ruqeya Nazir Dr Mushtaq A. Rather	14-05-2025
63	Ms. Mir Riasa Zaffar	Characterisation of Biofilms and their Role in Bioremediation of Eutrophicated Waters	Dr. Ruqeya Nazir Dr Mushtaq A. Rather	14-05-2025



Research Team working on Alpine lakes of Kashmir

**LIST OF M.PHIL DEGREES AWARDED**

S. No.	Name of Research Scholar	Title of M. Phil Programme	Supervisor/ Co-Supervisor	Date of Award of M. Phil
1.	Mr. Shamas ud Tak	Assessment of Macro-invertebrate Communities in Cement Polluted & Non-Polluted Area	Prof. G. A. Bhat	11-11-2004
2.	Mr. Qaiser Rafiq	Impact of Vehicular Pollution of <i>Crocus Sativus</i>	Prof. G. A. Bhat	16-02-2005
3.	Ms. Ruksana Parveen	Impact of Vehicular Pollution in Some Species of <i>Morus</i>	Prof. G. A. Bhat	12-03-2005
4.	Ms. Anjum Malik	Water Quality of Brari Nambal Basin of Dal Lake	Prof. A. K. Pandit/ Prof. S. G. Sarver	12-07-2005
5.	Ms. Farah Qadri	Impact of Aquatic Pollution on the Hematoenzymology of <i>Schizothorax Heckel</i> : An Important Food Fish of Kashmir	Prof. A. R. Yousuf	02-12-2005
6.	Ms. Saima Munshi	Ecological Studies of periphyton in Manasbal Lake of Kashmir Himalaya	Prof. A. K. Pandit	12-04-2010
7.	Mr. Javid Ahmad Parray	Antimicrobial Activity of <i>Euryale Ferox</i> Salisb-A Threatened Aquatic Plant of Kashmir Himalaya	Prof. A. N. Kamili/ Prof. Raies Qadri	15-06-2010
8.	Ms. Ruqaya Rashid	Impacts of Existence of Sheep Breeding Farm on Immediate Environment in the Lower reaches of Dachigam National Park Kashmir	Prof. G. A. Bhat	30-04-2011
9.	Ms. Rumaisa Nazir	Scenario of Biomedical Waste Management in Major Hospitals of Srinagar City	Prof. G. A. Bhat	23-11-2011
10.	Ms Irm Fatima	Impact of Brick Kiln Emissions on the Ambient Air quality and vegetation: A Case Study of District Budgam	Prof. G. A. Bhat	02-12-2011
11.	Ms. Fouzia Aga	Evaluation of the Status of the Stone Crushers of Southeast Srinagar and Their Impacts on the Immediate Environment Including Human Health	Prof. G. A. Bhat	23-12-2011
12.	Mr. Mohmad Abbas Bhat	Assessment of Level of Pesticide use and Likely Impact on the Amphibian Populations in a Rural Agro-Ecosystem of Kashmir	Prof. G. A. Bhat	18-01-2012
13.	Mr Idrees Yousuf Dar	Edaphic Factors and Plant Community Organization in Branwar Forest of Kashmir Himalaya	Prof. G. A. Bhat	02-05-2012
14.	Ms. Najma Sonaber	Species Diversity and Community Characteristics of Aquatic annelids in Rice Fields of South Kashmir	Prof. G. A. Bhat	11-05-2012
15.	Mr Showkat Ahmad Lone	Ecological Study of Spring Ecosystems of Anantnag, Kashmir	Prof. A. K. Pandit	31-07-2012
16.	Ms Ishrat Gul	Population Status of Select Medicinal Plants of Kangan Forest, Jammu and Kashmir	Prof. A. N. Kamili/ Dr. I. A. Nawchoo	07-08-2012
17.	Mr. Gowhar Hamid Dar	Isolation Identification and Characterization of Some <i>Penicillium</i> Isolates for Alpha Amylase Activity	Prof. A. N. Kamili/ Dr. Ruqeya Nazir	25-09-2012
18.	Mr. Aadil Hamid	Macroinvertebrate Community Patterns and Diversity in Relation to Water Quality status of Stream Veshav, Kulgam, Kashmir	Prof. A. K. Pandit	12-12-2012
19.	Ms. Humeera Nisa	Evaluation of <i>Rumex Dentatus</i> L. for Antimicrobial and Antioxidant Activities	Prof. A. N. Kamili/ Dr. Shajrul Amin	17-01-2013
20.	Ms. Nowsheen Shameem	Antimicrobial and Antioxidant Activities of <i>Arnebia benthamii</i> (Wall ex. G. Don Johnston)-A Critically Endangered Medicinal Plant of Kashmir	Prof. A. N. Kamili/ Dr. Rabia Hamid	21-01-2013
21.	Ms. Tabasum Yaseen	Impact of Stratification on Nutrient Concentration in Manasbal Lake, Kashmir	Prof. A. R. Yousuf	21-01-2013
22.	Ms. Sana Shafi	Bacterial Flora of Manasbal Lake, a fresh Water Ecosystem of Kashmir Valley	Prof. A. N. Kamili/ Dr. Manzoor A. Shah	29-01-2013
23.	Ms. Syed Sana	Impact of Cement Industry on Human and	Prof. G. A. Bhat	31-01-2013



	Mehraj	Livestock Health around Sub-Urban areas of Southern Srinagar City		
24.	Ms. Baby Habiba	Butachlor Induced Alterations in Hematological Parameters of <i>Schizothorax Niger</i> Heckel	Prof. A. R. Yousuf	17-04-2013
25.	Ms. Asma Hussan	Impacts of Brick Kiln and Vehicular Emissions on Lichen Diversity in Suburban Areas of Kashmir”	Prof. G. A. Bhat	26-04-2013
26.	Mr. Gulzar Ahmad Sheikh	Comparative Limnology of Some Fresh Water Springs of District Kulgam (Kashmir) With Special Reference to Macroinvertebrate Diversity	Prof. A. K. Pandit	23-06-2013
27.	Ms. Sakeena Jabeen	Impact of Air Pollution on the Performance of Hymenopteran Pollinators	Prof. G. A. Bhat	24-06-2013
28.	Mr. Shabir Ah. Khanday	Distribution of Some Macrophytes in Relation to Water Depth in Three Lakes of Kashmir Valley, India	Prof. A. R. Yousuf/ Prof. Zaffar A. Reshi	23-07-2013
29.	Ms. Shazia Habib	Impact of Deweedings on the Macroinvertebrate Community in Dal Lake, Kashmir	Prof. A. R. Yousuf	05-08-2013
30.	Mr. Gowhar Mehraj	Impact of the Geo-environmental setting on the Flood Vulnerability at Water Shed Scale in Jhelum Basin	Prof. A. R. Yousuf/ Prof. S. A. Ramshoo	30-10-2013
31.	Ms. Moieza Ashraf	Impact of Cement Dust on Soil and Vegetation around Khrew Cement Factories	Prof. G. A. Bhat	13-12-2013
32.	Ms. Afeefa Qayoom	Comparative Study of Carbon Sequestration Potential of Herbaceous Vegetation of Forests and Grass Lands	Prof. A. K. Pandit / Prof. B. A. Ganai	11-01-2014
33.	Ms. Rafia Rashid	Annelid Community of Wular Lake, Kashmir	Prof. A. K. Pandit	11-01-2014
34.	Ms. Abroo Ali	Soil Macrofaunal Diversity in Saffron Fields of Pampore, Kashmir	Prof. G. A. Bhat	03-04-2014
35.	Mr. Mohd Sikander Bhat	Impact of Brick Kiln Emissions on Vegetation and Human Health	Prof. A. K. Pandit / Prof. B. A. Ganai	07-04-2104
36.	Ms. Sheema Zaffar	Impact of Habitats on Growth of <i>Hyoscyamus Niger</i> L. in Kashmir Himalaya	Prof. A.N. Kamili Prof. Irshad A. Nawchoo	30-06-2014
37.	Ms. Sumeera Shafi (Part Time)	Antimicrobial and Antioxidant Activity of <i>Primula Denticulata</i>	Prof. AN. Kamili/ Prof. B. A. Ganai	19-12-2014
38.	Mr. Imran Khan	Altitudinal variation in fungal flora associated with Kashmir Elder	Prof. A. N. Kamili/ Dr. Irfan Rashid	01-10-2016
39.	Ms. Inam Sabha	Study of Benthic macroinvertebrates Dagwan Stream, Kashmir	Dr. Sami Ullah Bhat/ Dr. Javid A. Rather	01-11-2016
40.	Ms. Sabah Fatima	Composition of Leachate From a Municipal Land fill Site in Srinagar City	Dr. Arshid Jehangir/ Prof. G. A. Bhat	01-11-2017
41.	Mr. Tanveer Ahmad Najar	Study of PM ^{2.5} Concentrations From Srinagar City, Kashmir	Dr. Arshid Jehangir/ Prof. G. A. Bhat	01-11-2017
42.	Asma Zaffar	Land suitability analysis of Mawar water shed	Prof. A. N. Kamili/ Dr. Parvaiz Ahmad	22-02-2018
43.	Fayaz Ahmad Bhat	Biomass production and carbon storage potential of conifers in Dodhpathri Kashmir	Prof B A. Ganai and Dr. Helal A. Lone	27-03-2023
44.	Syed Mudasir Mushtaq	Phytoremediation potential & proteomic analysis of <i>Bassica rapa</i> under heavy metal stress	Prof B A. Ganai and Dr. Ruqeya Nazir	27-03-2023
45.	Suheel Ahmad Dar	Biomonitoring of Heavy Metal Pollution using Annelida Community in Aquatic Ecosystems of Kashmir Himalaya	Prof. B. A. Ganai/ Dr. M.H. Balkhi	27-07-2023
46.	Bisma Zahoor	Microbial Diversity of Groundwater in Srinagar City	Dr. Ruqeya Nazir/ Prof. Gh. Jeelani	25-08-2023



LIST OF THE SCHOLARS WHO ARE PURSUING Ph.D/I.PhD PROGRAMME

S. No.	Enrollment Number	Name of Research Scholar	Title of the Ph.D Programme	Date of Registration/ Joining	Supervisor/ Co-Supervisor
1	18Ph.D.WT08	Mir Rohi Neelofar	Modeling water allocation, availability and assessment of future water demands of an urban and rural setting in Sindh Basin of Kashmir Valley	01-12-2018	Dr. Sami Ullah Bhat/ Dr. Mohd Muslim
2	18Ph.D.WT13	Syed Safoora Andrabi	Molecular and proteomic analysis of toxic metal tolerant bacteria isolated from agricultural soil	03-12-2018	Dr. Ruqeya Nazir
3	18Ph.D.WT15	Muzafar Zaman	Predictive modeling for Noise Exposure Zonation and related Health Impacts in Srinagar city	15-12-2018	Dr. Arshid Jehangir/ Dr. Mohd Muslim
4	18Ph.D.WT03	Aarif Yaseen	Investigation of Microplastics in Dal Lake with toxicological implications on <i>Cyprinus carpio</i>	15-12-2018	Dr. Sami Ullah Bhat/ Dr. Mohd Altaf Bhat
5	17Ph.D.WT02	Mr. Tanveer Ahmad Najar	Identification and Quantification of Source Contribution to PM _{2.5} at Kashmir Himalaya	07-12-2019	Dr. Arshid Jehangir/ Dr. Gazala Habib
6	17Ph.D.WT03	Ms. Asma Zafar	Isolation and Characterization of Thermophilic Bacteria from a Hot Spring of Jammu.	07-12-2019	Prof. A. N. Kamili/ Prof. B. A. Ganai
7	17Ph.D.WT07	Ms. Zarka Zaheen	Bioaccumulation and Genotoxicity of Heavy metals in some Commercially Important Fish Species of Dal Lake and Manasbal Lake	07-12-2019	Prof. Md. Niamat Ali / Dr. Yahya Bakhtiyar
8	17Ph.D.WT10	Ms. Maheen Javaid	Freshwater Wetlands as Carbon Sinks in Kashmir Himalaya	07-12-2019	Dr. Arshid Jehangir/ Prof. A. R. Yousuf
9	17Ph.D.WT13	Ms. Shahida Naseem	Utilization of Macrophytes as Functional feed for the Growth and development of <i>Cyprinus Carpio</i>	07-12-2019	Dr. Sami Ullah Bhat/ Dr Adil Gani
10	17Ph.D.WT18	Ms. Sabiha Javeed	Management of Organic Solid Waste through Mushroom Cultivation	07-12-2019	Dr. Arshid Jehangir/ Dr. Shaheen Kausar Jan
11	17Ph.D.WT19	Ms. Sabba Yaqoob	Bioprospectioin of Endoptyhic Fungi Isolated from <i>Lavatera cashmeriana</i> Camb.- An Endemic Medicinal Plant of Kashmir himalaya	07-12-2019	Prof. A. N. Kamili/ Prof. B. A. Ganai
12	17Ph.D.WT24	Mr. Ishfaq Qayoom	Identification of PM _{2.5} Sources and development of emission inventory for small area pollution emitting sectors of Kashmir valley	07-12-2019	Dr. Arshid Jehangir/ Dr. Gazala Habib
13	18Ph.D.WT09	Bisma Nisar	Cadmium toxicity stress Alleviation in Maize by using Cinnamic acid with Elicitor Salicyclic acid		Prof. A. N. Kamili/ Prof. Aijaz Ahmad wani
14	18Ph.D.WT10	Heena Nisar Pahalvi	Arsenic Toxicity Stress Alleviation in Maize by using Cinnamic Acid with Elicitor Jasmonic acid		Prof. A. N. Kamili / Prof. Inayat Ullah Tahir
15	20Ph.D.WT06	Idrees Yousuf Dar (In-service)	Alteration in micro-RNA's expression as toxicogenomic response to air pollution.	21-09-2020	Dr. Arshid Jehangir Prof B. A. Ganai
16	20Ph.D.WT02	Kaneez Fatima	Climate Vulnerability and Risk Assessment of Livelihood of Agriculture Community of Ladakh.	28-09-2020	Dr. Mohd Muslim



17	20Ph.D.WT01	Mohmad Younis Dar	Assessment of heavy metal pollution in different soils from Kashmir Himalayan region	08-10-2020	Dr. Arshid Jehangir
18	20Ph.D.WT07	Zaiema Rouf Khan	Evaluation of human plasma metabolites in response to air pollution	08-10-2020	Dr. Arshid Jehangir Prof B. A. Ganai
19	20Ph.D.WT03	Rameez Ahmad Shah	Assessment of Groundwater quality and contaminant transport modeling in Srinagar smart city		Dr. Sami Ullah Bhat/ Prof. M. A. Andrabi
20	20Ph.D.WT08	Zareena Akhter	Assessment of pesticide residues in some fresh water ecosystems of Kashmir	15-10-2020	Dr. Sami Ullah Bhat/ Dr Javid Ahmad Sofi
21	20Ph.D.WT04	Anayat Hussain	Assessing The Impact of Climate Change on Soil Moisture Regimes of Kashmir Valley Using Geospatial Modelling Approach.	16-10-2020	Dr. Mohd Muslim/ Dr. Shabir A. Bangroo
22	20PhDPT05	Sumeera Shafi	Carbon Sequestration Assesment of Grassland Vegetation in Doodhpathri, Kashmir	02-11-2020	Prof. Azra N. Kamili/ Prof B. A. Ganai
23	21PhDWT01	Deachen Chosnit	Impact of Climate Change on Livelihood of Pastoralists of Changthang Ladakh Himalayas	08-10-2021	Dr. Mohd Muslim / Dr. Javaid Rashid
24	21PhDWT03	Soha Ul Islam	Pesticide residue assessment in Freshwater ecosystems	08-12-2021	Dr Sami Ullah Bhat
25	21PhDWT03	Samina Hamid	Preliminary Assessment of Impact of Land Use Land Cover Change on Surface Energy Balance in Kashmir Valley, India.	28-12-2021	Dr. Mohd Muslim
26	21PhDWT04	Ms. Haika Mohi Ud Din	Damage and loss assessment due to climate change	12-06-2023	Dr. Mohd Muslim
27	11963-KUL-2013	Mr. Tufaid Ashraf	Flood storage capacity and carbon , nitrogen dynamics of wular lake	06-06-2023	Dr. Sami Ullah Bhat/
28	60187-W-2011	Ms. Amina	Assessing crop water productivity of paddy form field to regional level in the Kashmir region.	05-06-2023	Dr. Mohd Muslim/Prof. Tasneem Mubarak
29	52504-A-2014	Ikhlaq Majeed	Assessment of soil characteristics, microbial biomass and litter decomposition across kashmir himalayan treeline.	12-12-2023	Dr. Arshid Jehangir/ Dr. Irfan Rashid
30	101GDCRA13	Somia Gulzar	Role of sectorial and cross sectorial adoptations in managing vulnerability and Risk of Farming communities of Jammu region	04-12-2023	Dr. Mohd Muslim / Dr. Majid Farooq
31	1719-PGD-2019	Huma Khurshid	Microplastic contamination in fish farms of Kashmir	05-01-2024	Dr. Sami Ullah Bhat/ Prof. Irfan Ahmad Khan
32	1628-PGD-2019	Nayeem Imtiyaz	Investigating the impact of Urban Transformation and climate change on the Urban Microclimate of Jammu and Srinagar	05-01-2024	Dr. Mohd Muslim
33	47539-S-2013	Showkat Ahmad Lone	Hydrological Assessment of some selected alpine lakes of Kashmir Himalaya	18-03-2024	Dr. Sami Ullah Bhat/ Dr. Aftab Ahmad Bhat
34	52547-A-2017	Mohammad Mohsin Mir	Ecological assessment of high altitude streams in the Kashmir Himalayas through micoinvertebrates with a focus on hydropsychidae (Tricoptera) Via DNA bar	03-07-2024	Dr. Sami Ullah Bhat



			coding		
35	7951-TC-2015	Shahnaza	Synthesis and functionalization of graphene quantum dots to detect and detoxify the pesticides.	03-07-2024	Dr. Sami Ullah Bhat
36	1108GDPC016	Toiaba Rashid Dar	Assessment of microplastic concentration in indoor environments	16-01-2025	Dr. Arshid Jehangir
37	70669-W-20216	Afreen Khurshid	Assessment of Microplastic pollution in spring Ecosystem	16-01-2025	Dr. Sami Ullah Bhat
38	281-CCA-2023	Naila Nabi	Impact of Hydropower project on stream ecology	16-01-2025	Dr. Sami Ullah Bhat
39	CUS-17-SPC-10333	Peerzada Irfan Bashir	Forest Fire Ecology and Post-Fire Dynamics in Temperate Forests of the Kashmir Himalaya	16-01-2025	Dr. Arshid Jehangir
40	45858-S-2012	Bisma Rafi	Anthropogenic Influences on Groundwater Quality Along the Floodplains of River Jhelum in the Kashmir Himalaya	01-02-2025	Dr. Arshid Jehangir



Research scholars performing experiment for monitoring of emission factors from cement plant



Funding Agencies for Research and Consultancy





International Collaboration/Linkages

- Springs Stewardship Institute, Arizona, USA
- ICIMOD-HUC, Nepal
- University of Bologna, Italy
- Ain Shams University, Egypt
- King Saud University, Saudi Arabia
- University Ca' Foscari of Venice, Italy
- Stewardship Institute, Flagstaff, AZ, United States
- Junita College Huntingdon, PA, USA
- Helmholtz Centre Potsdam GFZ, Potsdam, Germany
- Universität Hamburg, Hamburg, Germany
- SENCKENBERG Research Station of Quaternary Palaeontology, Weimar, Germany
- Potsdam University, Potsdam, Germany
- Universitas Teknologi Sumbawa, Indonesia
- University of Indonesia, Indonesia
- University of Tokyo, Japan
- Griffith University, Australia
- Michigan State University, United States
- Chinese Academy of Agricultural Sciences, China
- University of Guelph, Canada
- Dongguan University of Technology, China
- Peking University, China
- Nanning University of Information Science and Technology, Nanning, China
- The University of Kaiserslautern-Landau (RPTU), Germany



International Linkages



NATIONAL COLLABORATIONS

- Agharkar Research Institute, Pune
- Birbal Sahni Institute of Paleosciences, Lucknow
- CSIR National Physical Laboratory, New Delhi
- CSIR-NGRI, Hyderabad
- Govind Ballabh Pant National Institute of Himalayan Environment, Uttarakhand
- IISER, Bhopal
- IISER, Mohali
- IIT Hyderabad
- IITB, Mumbai
- IITD, New Delhi
- IITK, Kanpur
- Indian Institute of Tropical Meteorology, Pune
- Inter University Accelerator Centre, New Delhi
- NRSC-ISRO, Hyderabad
- Space Application Centre, Ahmedabad
- JNU, New Delhi
- University of Horticulture and Forestry, Uttarakhand
- SKUAST Kashmir, J&K
- NIT, Srinagar, Srinagar
- IUST, J&K
- Central University, Kashmir
- BGSBSU, Rajoori, J&K
- SKIMS, Soura, J&K
- Government Medical College, Srinagar, J&K
- GDC, Sopore, J&K
- GDC, Baramulla, J&K
- GDC, D. H. Pora, J&K
- Cluster University Jammu, J&K





Eminent Scientists / Personalities Who Visited or delivered Lecture in the Department Since 2012

S. No.	Resource Person	Designation	Affiliation	Lecture Theme	Date
1	Prof. Tej Pratap	Ex. Vice Chancellor SKUAST-K	SKUAST K	WED-2012 Presidential Address	05-06-2012
2	Prof. Arif Ali	Professor	Department of Biosciences, Jamia Millia Islamia, New Delhi-110 025, India.	Bio-prospecting For Bacterial Genes Useful For Heavy Metal Contaminated Sites Molecular Vector	30-06-2012 & 01-07-2012
3	Dr. S. Bhatt	Professor of Space Law	Honorary Professor of Internal Law, JNU, New Delhi, UN Advisor To Govts In Africa. Dy Dgca, India, Retd.	Application of Space Law & Science For Sustainable Development	26-07-2012
4	Prof. D. P. Zutshi	Emirates Professor	Former Emirates Professor JNU, New Delhi	Structure & Functions of Lake Ecosystem	20-09-2012
5	Prof. R. Ramamurthi	Ex. Vice Chancellor	(FNASC, FNAAS, FES) Ex. Vice Chancellor, S. V. University, A.P. India	Psoriasis- Current Trends In Biotechnological Interventions	04-10-2012
6	Prof. D. B. Sahoo	Professor	Department of Botany, Delhi University	Extension Lectures For Environmental Science Students And Scholars	03-06-2013
7	Prof . Shakil Ahmad Wani	Professor and Head	Division of Veterinary Microbiology and Immunology, SKUAST-K	Climate Change & Disease Transmission: Forecasting & Remedy	05-06-2014
8	Prof. K. N. Singh	Head Division of Agronomy	SKUAST-K Srinagar.	1. Applications Of Crop Simulation Models As A Tool For Decision Making (Part A) 2. Hands On DSSAT (Part B) 3. Hands On WOFS And INFO-CROP	16-06-2014 & 18-06-2014
9	Prof. H. K. Parvana	Professor	NABET, Quality Council of India.	Inspection For Accreditation of EIA/EMP Consultancy	16-10-2015
10	Dr. V. M. Shastri	Environmental ist	NABET, Quality Council of India.	Inspection For Accreditation of EIA/EMP Consultancy	16-10-2015
11	Prof. Asha Rajavanshi	Professor and Head EIA Cell WII Dehradune	Wildlife Institute of India, Dehradun	Plenary Lecture On The Of World Environment Day 2015	05-06-2015
12	Mr. Javeed Hussain	Retired Director	Environment, Natural Resources And Agriculture Division South Asia, ADB Manila Philippines	Environmental Sustainability And Climate Resilience In A Changing Asia,	22-09-2015
13	Prof. Balraj Sidhu	Professor	Amritsar Dialogue on Green Courts &	Teaching Of Environmental Laws To III Semester Students	12-08-2015



			Tribunal		
14	Prof. Anura Weerasinghe	Professor of Medicine and Immunology	South Asia Institute of Technology and Medicine, Colombo Sri Lanka,	Respiratory Allergic Diseases	16-04-2016
15	Prof. A. K. Mahajan	Professor	School of Earth and Environmental Sciences, Central University HP	Plate Tectonics And Neotectonics & Earth Surface Processes	23-05-2016
16	Prof. Nazir Ahmad	Vice Chancellor SKAUST-K	Sheri-i-Kashmir University of Agricultural Sciences (SKUAST-K)	Presidential Address WED 2016	05-06-2016
17	Prof. Satyanarayana Swamy Mruthinti	Professor	Prof. of Biology, College of Science & Mathematics, University of West Georgia, Carrollton GA, USA	<ol style="list-style-type: none"> 1. Go Wild For Life WED 2016 2. Diabetes And Environment 	08-06-2016
18	Prof. A. L. Ramanathan	Professor	School of Environmental Science, JNU, New Delhi	Climate Change Impact on Glaciers & Glacial Lake Outburst Floods (GLOFS)	22-23 March, 2017
19	Prof. N. Janardhana Raju	Professor	School of Environmental Science, JNU, New Delhi	Climate Change Impact On Water Resources: Rainwater Harvesting Systems & Arsenic And Fluoride In The Aqueous Environment	22-23 March, 2017
20	Prof. Gauhar Mahmood	Professor	Deptt. of Civil Engineering, Jamia Milia, New Delhi	Aquifer Mapping Techniques Using Hydro-geological And Geophysical Methods & National Water Policy For Assessment of Groundwater Resource Potential	22-23 March, 2017
21	Prof. Rashid Umar	Professor	Deptt. of Geology, Aligarh Muslim University	Groundwater Scenario In India & Aquifer Vulnerability	22-23 March, 2017
22	Dr. Shakeel Ahmed	Chief Scientist	CSIR-NGRI Hyderabad	Bridging The Gap Between Data Availability & Model Requirement For Environmental Studies & Optimal Monitoring Network	18-05-2017
23	Dr. Asad R. Rahmani	Former Director	Former Director Bombay Natural History Society (BNHS) And Currently Senior Scientific Advisor BBNHS & Corbett Foundation	Developing Leader For Biodiversity Conservation	10-08-2017
24	Dr. J. C. Kuniyal	Scientist-F	GB Pant National Institute of Himalayan Environment & Sustainable	Demonstration On Bio-compositing From Bio-degradable Solid Waste.	23-11-2017



			Development, Himachal Unit		
25	Dr. Himanshu Kulkarni	Director	Advance Centre for Water Resources Development and Management	The Importance Of Hydrology In Spring Water Management	29-08-2018
26	Dr. G. R. Ghani	IAS Retired	J&K Govt.	Environmental Audit And Environmental Management Systems	14-11-2018
27	Dr. David James Molden	Director	ICIMOD, Nepal	Hindu Kush Himalaya mountains, climate change and nature based solutions	08-06-2020
28	P. K. Joshi	Professor	JNU, India	Covid-19 a pandemic of mistreated nature	08-06-2020
29	Arun Kansal	Professor	JNU, India	Cities and Climate Change	08-06-2020
30	Zhang Fan	Professor	CAS, Beijing China	Climate change impact on riverine runoff and sediment flux over Tibetan plateau	22-03-2021
31	Basant Maheshwari	Professor	Western Sydney University	Managing the invisible resource-participatory ground water monitoring and management through the MARVI approach	22-03-2021
32	Amit Kumar	Associate Professor	Nanjing University of Information Science and Technology, Nanjing, China	Greenhouse gas emissions from freshwater ecosystems	22-03-3021
33	Lary Stevens	Director	Spring Stewardship Institute, USA	Ground Water Influences on Springs Geomorphology and Ecosystem Ecology	22-03-2022
34	Sumit Sen	Professor	IIT Roorkee	Ground Water Perspectives- Information and Knowledge from the Hidden Underground Flows	22-03-2022
35	Wolfgang Kinzelbach	Professor	ETH, Zurich, Switzerland	Sustainable Management of Ground Water Resource	22-03-2022
36	Dr Gazala Habib	Associate Professor	IITD, New Delhi	Particulate Matter Pollution	2022
37	Dr. Shirin Rais	Assistant Professor	Aligarh Muslim University	Environmental Economics	28-06-2024
38	Dr. Karthick Balasubramanian	Scientist E	Agharkar Research Institute, Pune	Diatoms Through Time: From Discovery to Modern Environmental Monitoring	19-09-2024
39	Dr. Irshad Ahmad Rather	Assistant Professor	Azim Premji University, Bangalore	Career Opportunities In The Field of Environmental Science and Sustainability	08-10-2024



Conferences, Seminars and Workshops Organized by the Department

Local/Regional

1. One day Seminar on “**Global Eco-crisis**” 5th June, 2002, in collaboration with CORD, University of Kashmir, Srinagar.
2. One day Seminar on “**Nature Conservation in Jammu & Kashmir**” 5th June, 2003.
3. One day Seminar on “**Present Environmental Concerns**” 5th June, 2004 in collaboration with CORD, Kashmir University.
4. One day Seminar on “**Conservation of Wild Life in J&K State**” 6th Oct., 2004, in collaboration with Department of Wild life, J&K State.
5. One day Seminar on “**Environmental Awareness Among the Masses**” 11th Oct. 2004, in collaboration with CORD, Univ. of Kashmir, Srinagar
6. One day seminar on “**Environmental Degradation and Management**” 6th June, 2005 in collaboration with CORD, University of Kashmir & Department of Environment & Forests, J&K Govt.
7. One day Seminar on “**Eco-degradation**” 5th June, 2006 in collaboration with CORD, University of Kashmir & Department of Environment & Forests, J&K Govt.
8. World Environmental Week Celebrations on “**Himalayan Ecology and Sustainable Development**” from 5th to 11th June, 2007 in collaboration with PEC & JAKAS.
9. World Environmental Week Celebrations on “**Climate Change: Causes, Consequences and Control**” from 5th to 11th June, 2008 in collaboration with NSS.
10. One day Seminar on world Environment Day on the theme “**Threatened Biodiversity of Kashmir Himalaya: Causes, Consequences & Conservation**” on 5th June, 2010.
11. World Environment Week on the Theme “**Forests: Nature at your Services**” on 5th to 11th June, 2011.
12. One day Seminar on World Environment Day 5th June, 2011 on “**THINK EAT SAVE: Reduce your food prints**” P.G. Department of Environmental Science, University of Kashmir
13. One day Seminar on World Environment Day on the theme “**Green Economy: Does it Include You**” 5th June, 2012.
14. World Environmental Week on the theme “**Think.Eat.Save. Reduce Your Footprint**” from 5th to 11th June, 2013 in collaboration with Centre of Research for Development and NSS, University of Kashmir.
15. World Environment Day-2014 on theme “**Climate Change: Raise Your Voice, Not the Sea Level**”. 5th June 2014.
16. World Environment Day-2018 on theme “**Beat The Plastic Pollution- If You Can Not Reuse It Refuse It**”. 5th June 2018.
17. One day Online Seminar on World Environment Day on the theme “**Time for Nature**” **Explore Nature with Iconic Spots** and Online Photographic/Artistic/Poster Presentation Competition on “**Dynamics in NATURE and Issues, Challenges and Opportunities Arising out of COVID-19 Pandemic**” 8th June, 2020.



18. Organized One day Seminar on the theme “**Living Sustainability in Harmony with Nature as there is only One Earth**” on the Eve of Observance of World Environment Day” (6th June, 2022).
19. **Awareness and Cleanliness Drive around Manasbal Lake on the Eve of Observance of World Environment Day**” (5th June, 2022).
20. One-Day Virtual-Live Symposium on “**Glacier Preservation**” on the eve of World Water Day 2025 (22nd March, 2025) organized by Department of Environmental Science, University of Kashmir, Srinagar

National

1. National seminar on “**Water Resources in India**” held on 1st to 3rd November, 2008.
2. National Conference on “**Status and Conservation of Biodiversity in India**” with special reference to Himalaya on 4th- 5th October, 2013 organized by in collaboration with Centre of Research for Development, University of Kashmir, Srinagar and The Indian Academy of Environmental Science, Haridwar.
3. Brain Storming meeting on “**Management and Sustainable Development of Dal Lake through Scientific Intervention and Stakeholders Participation**” on November 30th 2013. In collaboration with Centre of Research for Development, University of Kashmir, Srinagar and LAWDA, J&K Govt.
4. One day National Symposium on the Eve of world Environment Day on the UNEP Theme, “**Seven billion Dreams, One Planet. Consume with Care**”, on 5th June 2015 at Ghandhi Bhavan, University of Kashmir.
5. National Seminar on **Environmental Pollution "Join the Race to Make the World a Better Place"** held on 4th-5th, June, 2016.
6. 3-Day National Conference on the theme “**Changing Course in Global Environment: Challenges and Solutions**” from 4th to 6th June, 2023 On the eve of World Environment Day 2023 & 34th All India Congress of Zoology (34th AICZ) organized by Department of Environmental Science, University of Kashmir, Srinagar in collaboration with Zoological Society of India.

International

1. One day “**Special Interaction Session with Leaders of Science Including the Nobel Laureate**” “**Sir Tim Hunt**” held on 1st April, 2015 in collaboration with Department of Botany and Centre of Research for Development, University of Kashmir.
2. Organised international seminars entitled *Three Day International Webinar on Water, Health and Parasites*. Sponsored by Department of Environmental Science, University of Kashmir Srinagar in collaboration with The Indian Society of Parasitology., 22-03-2021 to 24-03-2021
3. Organised international seminars entitled *One day International online Seminar on Conserving and Restoring Ecosystems on 5th June 2021 in Observance of World Environment Day 2021*.
4. Organized One Day International Webinar entitled **Groundwater: Making the Invisible Visible** on World Water Day 22nd March, 2022.



Workshops/ Training Programs Organized by the Department

1. **First Refresher course in Environmental Science** in collaboration with ASC, University of Kashmir, 2005.
2. Two day lecture series on theme “**Environmental Impact Assessment (EIA) and Strategic Environmental Assessment (SEA)**” 03-04th June 2015.
3. One day Nature Workshop on “**Connecting People to Nature**” on the Eve of Observance of **World Environment Day**” (5th June, 2017).
4. Two day Workshop on “**Water Resources-Threats and Challenges: A Way Forward**” on 22nd and 23rd March, 2017.
5. Two Day workshop on World Environment Day on the theme “**Beat Air Pollution and Recent Advances in Environmental Science**” 11-12th June 2019.
6. Organised local workshops entitled **10 days Research Methodology workshop for Research Scholars** organized by Department of Environmental Science, University of Kashmir Srinagar, 05-04-2021 to 17-04-2021
7. Organised local workshops entitled **National Energy Conservation Day**. Sponsored by Department of Environmental Science, University of Kashmir Srinagar in collaboration with Dean Students Welfare University of Kashmir dated 14-12-2021
8. Organized One week Workshop on **Science-Policy-Society-Interface under Scientific Social Responsibility (SSR)** of SERB-DST sponsored projects from 5th to 9th December, 2022 organized by Department of Environmental Science, University of Kashmir and Govt. Degree College for Women, Sopore.
9. One Day Workshop on World Water Day 2023 “**Accelerating Change to Solve the Water and Sanitation Crisis**” on 20th March, 2023, organized by Department of Environmental Science, University of Kashmir.
10. **Five day Workshop on Science-Policy interface (23-27 December 2024)** sponsored by ANRF under Scientific Social Responsibility (SSR) Organized by Department of Environmental Science, University of Kashmir in collaboration with Govt. Degree College Damhal Hanjipora Kulgam, Kashmir.

Alumni Meet

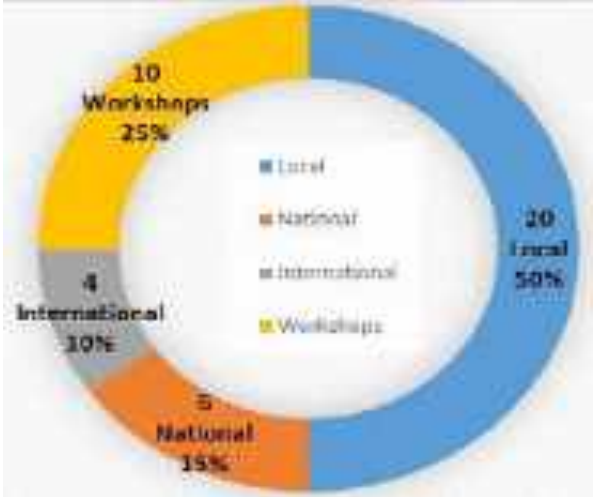
1. **Alumni Meet of the Department of Environmental Science**, University of Kashmir on 28th Decemeber, 2022 at Science Block Auditorium, organized by Department of Environmental Science, University of Kashmir.



South India Tour Batch 2021



World Environmental Day Celebrations by the Department since 2002



Seminars/conferences, workshops organized by the Department



FACILITIES AVAILABLE AT THE DEPARTMENT

Details of Infrastructure and facilities in the department

S. No	Infrastructure Details	Number
1	Number of Classrooms	2
2	Seating Capacity of Classrooms	60
3	Laboratories	2
4	Common room for women	1
5	Auditorium	1
6	Conference rooms	1
7	Number of library rooms	1
8	Total number of books	1670
9		
10	Number of Computers available in office	5
11	Number of Computers available for faculty	4
12	Number of laptops available for faculty	4
13	Total number of printers available	10
14	Faculty rooms	9
15	LCD projectors available	6
16	Computer Lab	1
17	Departmental specific labs	3



Library Cum Seminar Hall



Classrooms and Labs



MSC FINAL CLASSROOM



MSC PREVIOUS CLASSROOM



MSC FINAL LAB



MSC PREVIOUS LAB



AQUATIC ECOLOGY LAB



TERRESTRIAL ECOLOGY LAB



AIR QUALITY LAB



RS & GIS LAB

**LIST OF MAJOR EQUIPMENTS IN THE DEPARTMENT**

S. No	Name of the Equipment	S. No	Name of the Equipment
1	UV-Vis Spectrophotometer(2)	41	Leaf Area meter
2	Hot Air Oven (4)	42	Magnetic stirrer (3 Nos)
3	COD digester	43	Vis-Spectrophotometer (2 Nos)
4	DO meter	44	Weighing balance
5	pH meter(2)	45	Moisture analyser
6	Balance(3)	46	Muffle furnace
7	Double Beam Spectrophotometer	47	Kjeldhal Nitrogen Analyser (2 Nos)
8	Vacuum oven	48	Flame Photometer (2 Nos)
9	Incubator Oven	49	Conductivity meter
10	Hot Plates(2)	50	pH meter
11	SONDE	51	Refrigerator (5 Nos)
12	BOD incubator(3)	52	Multi-parameter probe
13	Rutner sampler	53	GIS Workstation (3 Nos)
14	ECO-Sounder	54	FTIR Spectrometer
15	Inverted Microscope	55	Noise Level Meter (Lutron)
16	Soxhlet Apparatus	56	Jar Test Apparatus
17	Stereo Microscope	57	Fume Hood
18	Microprocessor turbidity meter	58	PM2.5 Fine Particulate Sampler
19	Multiparameter probe(6)	59	Respirable Particulate Sampler
20	Aquarium setups(20)	60	Microwave Digester
21	Thermal cycler	61	Freezer (3 Nos)
22	Rotatory Shaker(2)	62	Sound Level Meter SL-1352 (2 Nos)
23	Vortex shaker	63	Vibration Meter VB-8205
24	Centrifuge (5 Nos)	64	Weighing Balance CAUW 220D
25	Volumetric Flow CAL KIT	65	Thermostatic Water Bath(3)
26	Refrigerated Centrifuge	66	Autoclave (3)
27	Millipore (Water Filter)	67	Centrifuge
28	Muffle Furnace	68	Weighing balance (2)
29	Laminar Flow (2)	69	Centrifuge
30	Bod Incubator Shaker (2)	70	Dredge Sampler
31	SASS Sampler	71	GPS Garmin
32	CAQMS Gas Analyser	72	Insect trapper
33	Stack sampler	73	V-box
34	Weather Station (3)	74	Soil moisture meter
35	Hydrometer	75	Productivity meter
36	Anemometer	76	GPS RTKS : Arrow/ALGIS
37	Compound microscope(4)	77	GPS GNSS ALGIS
38	Indoor air quality monitor	78	HPLC Semi-preparative (Agilent)
39	Filtration assembly(2)	79	Electro-fisher
40	Sediment corer	80	PM2.5 Analyser (portable)



Photographs of Major Equipments in the Department



FTIR



HPLC



Ultra centrifuge



UV Spectrophotometer



Micro Kjeldahl Apparatus



Multiparameter Probe Sonde



Millipore



DSMA-46 DCE



GARMIN GPS MAP 66 PLUS ECHOLINDER



OLYMPUS CKX-53 INVERTED MICROSCOPE



Woy- ULTRA MICROWAVE DIGESTOR



LR-20B BACKPACK ELECTROFISHER



Speaciation Air Sampling System (SASS)



Weather Station



PM2.5 Fine Particulate Sampler

**EMPLOYABILITY OF STUDENTS IN VARIOUS SECTORS**

S.No.	Name of the student	M. Sc. Batch	Designation	Organization
1	Dr. Aftab Ahmad Bhat	2001	Assistant Professor	Higher Education, J&K Govt.
2	Dr. Haroon-Ul-Rashid	2001	Tehsildar	Rev Deptt./J&K Govt.
3	Dr. Qazi Aashiq Hussain	2001	Assistant Professor	Higher Education, J&K Govt
4	Dr. Arshid Jehangir	2001	Assistant Professor	University of Kashmir
5	Mr. Kawsar-ul-Yaqoob	2001	Financial Executive	J and K Bank
6	Dr. Sami Ullah Bhat	2001	Assistant Professor	University of Kashmir
7	Dr. Parvez Ahmad Pathan	2001	Assistant Professor	Higher Education, J&K Govt
8	Mr. Rafiq Ahmad Dar	2001	Teacher	School Education, J&K Govt
9	Dr. Aarif Jan	2001	Teacher	School Education, J&K Govt
10	Mr. Yaseen Darzi	2001	Agriculture officer	J&K Govt.
11	Mr. Aijaz Ahmad Qureshi	2001	Assistant Professor	Higher Education, J&K Govt
12	Mr. Shahid Ahmad Wani	2001	Assistant Professor	Higher Education, J&K Govt
13	Dr. Humaira Qadri	2001	Assistant Professor	Higher Education, J&K Govt
14	Ms. Hina Riyaz	2001	Teacher	School Education, J&K Govt
15	Dr. Aasimah Tanveer	2001	Assistant Professor	Higher Education, J&K Govt
16	Mr. Tahir Hussain Pandith	2001	Contractual Lecturer	Higher Education, J&K Govt
17	Ms. Shazia Akhtar	2002	Teacher	School Education, J&K Govt
18	Mr. Tahir Malik	2002	Tehsildar	Rev Deptt./J&K Govt.
19	Mr. Sajad Ahmad Lone	2002	Teacher	School Education, J&K Govt
20	Ms. Bilquees Shugufta	2002	Teacher	School Education, J&K Govt
21	Mr. Javid Imran Dar	2002	Teacher	School Education, J&K Govt
22	Ms. Nyla Ali	2002	Lecturer 10 +2	School Education, J&K Govt
23	Ms. Saima Aijaz	2002	Teacher	School Education, J&K Govt
24	Mr. Bilal Ahmad Batto	2002	Teacher	School Education, J&K Govt
25	Ms. Ifshana Akhtar	2002	Teacher	School Education, J&K Govt
26	Dr. Mudasir Ali	2002	Assistant Professor	Higher Education, J&K Govt
27	Dr. Shahzadi W. Nawbahar	2002	Assistant Professor	Higher Education, J&K Govt
28	Dr. Ishtiyahq Ahmad Najar	2002	Assistant Professor	Higher Education, J&K Govt
29	Mr. Nisar Ahmad Shah	2002	Teacher	School Education, J&K Govt
30	Mr. Irfan Khan	2003	Lecture 10+2	S. A. Trust
31	Ms. Sana Ashai	2003	Lecturer 10+2	School Education, J&K Govt
32	Mr. Mehnaz Ahanger	2003	Teacher	School Education, J&K Govt
33	Mr. Aamir Bin Masood	2003	Financial Executive	J and K Bank
34	Ms. Sabiya Latief	2003	Teacher	School Education, J&K Govt
35	Mr. Wasim Feroz Malik	2003	Teacher	School Education, J&K Govt
36	Mr. Mir Shahnaz	2003	Lecturer 10 +2	Vishwa Bharti Mgt
37	Mr. Sameer Ahmad Jan	2003	B.D.O (KAS)	J&K Govt.
38	Ms. Saima Munshi	2003	Assistant Professor	Higher Education, J&K Govt
39	Dr. Bazigha Badar	2003	Assistant Professor	Higher Education, J&K Govt
40	Dr. Mohammad Muslim	2004	Assistant Professor	University of Kashmir
41	Dr. Rayees A. Magray	2004	Assistant Professor	Higher Education, J&K Govt
42	Ms. Shahina Akhter	2004	Contractual Lecturer	Higher Education, J&K Govt
43	Mr. Mudasir Ahmad Shah	2004	Lecturer 10 +2	School Education, J&K Govt
44	Ms. Iram Iftikhar Kirmani	2004	Financial Executive	J and K Bank
45	Mr. Tanveer Ahmad Najar	2004	Teacher	School Education, J&K Govt
46	Ms. Peerzada G. Bashir	2004	Teacher	School Education, J&K Govt
47	Mr. Asif Iqbal Misgar	2004	Lecturer 10 +2	School Education, J&K Govt
48	Ms. Sana Fayaz Ashai	2004	Lecturer 10 +2	School Education, J&K Govt



49	Ms. Samreen Qureshi	2005	Lecturer 10 +2	School Education, J&K Govt
50	Mr. Faizan Asim	2005	Lecturer 10 +2	School Education, J&K Govt
51	Mr. Imran Ahmad	2005	Assistant Professor	Higher Education, J&K Govt
52	Mr. Javed Hassan Mir	2005	Teacher	School Education, J&K Govt
53	Mr. Shahid Shafi Itoo	2005	Lecturer 10 +2	School Education, J&K Govt
54	Mr. Zameer Mumtaz Lone	2005	Assistant Professor	Higher Education, J&K Govt
55	Ms. Ifshana	2005	Teacher	School Education, J&K Govt
56	Ms. Shazia Mir	2005	Teacher	School Education, J&K Govt
57	Ms. Irm Fatima	2006	Lecturer 10 +2	School Education, J&K Govt
58	Mr. Altaf Hussain	2006	Lecturer 10 +2	School Education, J&K Govt
59	Mr. Mohammad Abbas	2006	Assistant professor	Higher Education, J&K Govt
60	Ms. Gazalla Jabeen	2006	Lecturer 10 +2	School Education, J&K Govt
61	Ms. Saba Shah	2006	Teacher	School Education, J&K Govt
62	Ms. Asma Yusuf	2006	Teacher	School Education, J&K Govt
63	Ms. Kosiya	2006	Teacher	School Education, J&K Govt
64	Mr. Affaq Ahmad	2006	Sub-Inspector	J and K Police
65	Mr. Irfan Ahmad Shah	2006	Water Analyst Expert	E.R.A
66	Mr. Abdul Rasheed	2006	Sub-Inspector	J and K Police
67	Ms. Rumisa Nazir	2006	Assistant Professor	Higher Education, J&K Govt
68	Mr. Rouf Habib Ganie	2006	Assistant Professor	Higher Education, J&K Govt
69	Mr. Mohamad Abass	2006	Assistant Professor	Higher Education, J&K Govt
70	Dr. Mohammad I. Rather	2006	Assistant Professor	AZIM, Premji University,
71	Dr Basharat Mushtaq	2006	Sr. Project Manager	BIONICS, Pvt. Ltd.
72	Mr. Mohd Altaf Dar	2007	Sub-Inspector	J and K Police
73	Mr. Shamim Ahmad	2007	Teacher	School Education, J&K Govt
74	Mr. Abid H.Naqash	2007	Air Analysis Expert	E.R.A
75	Dr. Sami Ullah Ganai	2008	Lecturer 10+2	School Education , J&K Govt
76	Ms. Nadia Manzoor	2008	Lecturer 10 +2	J & K Wakf Board
77	Dr. Naseer Ahmad Dar	2008	Assistant Professor	Higher Education, J&K Govt
78	Dr. Tabasum Yaseen	2008	Teacher	School Education, J&K Govt
79	Ms. Sakeena Jabeen	2008	Teacher	School Education, J&K Govt
80	Dr. Sana Shafi	2008	Assistant Professor	Higher Education, J&K Govt
81	Mr. Firdose Ahmad Mir	2008	Assistant Professor	Higher Education, J&K Govt
82	Dr. Nowsheen Shameem	2008	Contractual Lecturer	Higher Education , J&K Govt
83	Dr. Aadil Hamid Sofi	2008	Assistant Professor	Higher Education , J&K Govt
84	Dr. Syed Sana Mehraj	2008	Assistant Professor	Higher Education, J&K Govt
85	Mr. Bashir Ahmad Gojree	2008	Assistant Professor	Higher Education, J&K Govt
86	Ms. Rabia Mubarak	2009	Teacher	School Education, J&K Govt
87	Dr. Rouf Ahmad Bhat	2009	Teacher	School Education, J&K Govt
88	Ms. Abroo Ali	2009	Assistant Professor	Higher Education, J&K Govt
89	Ms. Asma Absar	2009	Teacher	School Education, J&K Govt
90	Mr. Manzoor Ah. Bhat	2009	Teacher	School Education, J&K Govt
91	Mr. Bilal Ahmad Bhat	2009	Surveyor Rev. Deptt.	J&K Govt.
92	Ms. Shazia Habib	2009	Assistant Professor	Higher Education, J&K Govt
93	Dr. Gowhar Hamid Dar	2009	Assistant Professor	Higher Education, J&K Govt
94	Dr. Moieza Ashraf	2009	Assistant Professor (C)	University of Kashmir
95	Mr. Aabid Yousuf	2009	Contractual Lecturer	Higher Education , J&K Govt
96	Ms. Samia Ashraf	2009	Teacher	School Education, J&K Govt
97	Ms. Rafia Rashid	2009	Teacher	School Education , J&K Govt
98	Mr. Javid Majeed Wani	2009	Assistant Professor	Higher Education, J&K Govt
99	Dr. Dawood Ahmad Dar	2009	Contractual Lecturer	Higher Education , J&K Govt
100	Mr. Fayaz Ahmad Bali	2009	Teacher	School Education, J&K Govt



101	Mr. Mohammad Sikandar	2009	Lab. Assistant	School Education, J&K Govt
102	Ms. Shagufta Khanday	2009	Teacher	School Education, J&K Govt
103	Ms. Nyla Aijaz	2009	Banking associate	J&K Bank
104	Ms. Tabasum	2009	Teacher	School Education, J&K Govt
105	Ms. Asma Yousuf	2009	Teacher	School Education, J&K Govt
106	Dr. Gowher Mehraj	2009	Young Scientist Fellow	DEERS, J&K Govt.
107	Mr. Arshid H. Shah	2010	Teacher	School Education, J&K Govt
108	Dr. Irfana Showqi	2010	Assistant Professor	Higher Education, J&K Govt
109	Ms. Bisma Zahoor	2010	Teacher	School Education, J&K Govt
110	Dr. Aabid Hussain	2010	Assitant Professor	Higher Education, J&K Govt
111	Mr. Naseer Ah. Sanaie	2010	Teacher	School Education, J&K Govt
112	Mr. Zaffar Iqbal	2010	Teacher	School Education, J&K Govt
113	Ms. Shugufta Jan	2010	Teacher	Private sector
114	Mr. Irshad Ahmad	2010	Social Welfare	J and K Govt.
115	Ms. Furqanah	2010	Teacher	Private sector
116	Ms. Malik Samiullah	2010	Teacher	Private sector
117	Ms. Tahira	2010	Teacher	Private sector
118	Ms. Shabeena Maqbool	2010	Contractual Lecturer	School Education, J&K Govt
119	Mr. Wamiq Rouf	2010	Banking Associate	J and K Bank
120	Mr. Kashif Nadeem	2010	Rural Development	J and K Govt.
121	Mr. Sameer Ahmad	2010	Teacher	School Education, J&K Govt
122	Ms. Shaista Rashid	2010	Teacher	Private sector
123	Ms. Insha Mehraj	2010	Teacher	Private sector
124	Mr. Mudasir Ahmad	2010	Teacher	School Education, J&K Govt
125	Mr. Taqdees Farooq	2010	Teacher	Private sector
126	Dr. Mohd Sharjeel Sofi	2011	Assistant Professor C	University of Kashmir
127	Mr. Aejaz Ul Nabi	2011	Banking Associate	J and K Bank
128	Mr. Firdous Ah. Sheikh	2011	Jr. Assistant	J&K Govt.
129	Ms. Mubashir Yaseen	2011	Jr. Assistant	J&K Govt.
130	Mr. Hameed ulHaq Lone	2011	Stock Assistant	J and K Govt.
131	Mr. Seema Mansoor	2011	Teacher	School Education, J&K Govt
132	Mr. Syed Abid H. Simnani	2011	Lab bearer	School Education, J&K Govt
133	Mr. Arif Ahmad	2011	Eng. Wing	Indian army
134	Mr. Aamir H. Zargar	2011	Teacher	School Education, J&K Govt
135	Mr. Mansoor A. Lone	2011	Assistant Professor	Higher Education, J&K Govt
136	Mr. Aashik Hussain Mir	2011	Assistant Professor	Higher Education, J&K Govt
137	Mr. Faizan Mushtaq	2011	Jr. Laboratory Assistant	J&K Govt.
138	Dr. Inam Sabha	2011	Research Associate	SKUAST-K
139	Ms. Nausheeba Aslam	2011	Teacher	Private sector
140	Ms. Uzma Chiloo	2011	Teacher	Private sector
141	Dr. Umara Qayoom	2012	Contractual Lecturer	Higher Education, J&K Govt
142	Dr. Saleem Farooq	2012	Contractual Lecturer	Higher Education, J&K Govt
143	Mr. Feroz Ahmad	2012	Teacher	School Education, J&K Govt
144	Mr. Syeed M. Mushtaq	2012	Assistant Professor	Higher Education, J&K Govt
145	Mr. Suheel Ahmad Dar	2012	Lecturer 10 +2	School Education, J&K Govt
146	Mr. Abdul Aziz	2012	School Education	School Education, J&K Govt
147	Mr. Showkat Maqbool	2012	Forest Guard	J&K Govt.
148	Mr. Mehmood Khan	2012	Stock Assistant	J&K Govt.
149	Ms. Saima Parvez	2012	Relationship Executive	J&K Bank
150	Mr. Qaisar Manzoor	2012	Junior Assistant	Revenue Department
151	Mr. Maajid Ashraf Wani	2012	Teacher	School Education, J&K Govt
152	Ms. Tehseena	2012	Teacher	Private sector



153	Ms. Tanzeela Yousuf	2012	Teacher	Private sector
154	Ms. Shabista Shakeel	2012	Banking Associate	J and K Bank
155	Ms. Imadiya Javaid	2012	Teacher	Private sector
156	Ms. Ulfat Jan	2012	Contractual Teacher	School Education, J&K Govt
157	Mr. Sajad Ahmad Bhat	2013	Teacher	School Education, J&K Govt
158	Mr. Javaid A. Bahar	2013	Laboratory Assistant	J&K Govt.
159	Mr. Sheikh Shabir	2013	Stock Assistant	J&K Govt.
160	Ms. Shahzada Iqbal	2013	Teacher	Private sector
161	Ms. Asma Jan	2013	Teacher	School Education, J&K Govt
162	Ms. Sameena Sultan	2013	Contractual Lecturer	School Education, J&K Govt
163	Mr. Feroz Ahmad	2013	Teacher	School Education, J&K Govt
164	Ms. Mehru Nissa	2013	Lecturer	Private sector
165	Ms. Rabiya Lone	2013	Lecturer	Private sector
166	Ms. Shagufta Mogidin	2013	Teacher	Private sector
167	Ms. Iqra Maqbool	2014	Contractual Lecturer	Higher Education, J&K Govt
168	Ms. Ruhana Muzaffer	2014	Teacher	Private Sector
169	Ms. Yasmeena Jan	2014	Contractual Teacher	School Education, J&K Govt
170	Ms. Nahida Ramzan	2014	Contractual Teacher	School Education, J&K Govt
171	Mr. Hilal Ahmed Dar	2014	Contractual Lecturer	Higher Education, J&K Govt
172	Ms. Nizba Muzaffer	2014	Contractual Lecturer	Higher Education, J&K Govt
173	Ms. Subreena Akther	2014	Contractual Lecturer	Higher Education, J&K Govt
174	Ms. Yasira Munwar	2014	Teacher	School Education, J&K Govt
175	Mr. Suhail Parray	2015	Forest Guard	Forest Deptt.
176	Mr. Shakeel Ahmad Shah	2015	Entrepreneurship	Private sector
177	Ms. Saif un Nisa	2015	Junior Research Fellow	JKFRI
178	Ms. Asiya Rashid	2016	Contractual Lecturer	Sultan ul Arifeen HSS
179	Mr. Haris Abdullah	2016	Banking Associate	J&K Bank
180	Ms. Misba Zonga	2016	Contractual Lecturer	Private Sector
181	Mr. Sarfaraz Ahmad Rather	2016	Business	Private sector
182	Mr. Nadeem Khan	2016	Business	Private sector
183	Mr. Ashiq Hussain	2016	Lecturer	School Education, J&K Govt
184	Mr. Abdul Qayoom Bahar	2016	Lecturer	School Education, J&K Govt
185	Ms. Nazia Akhter	2017	Sub Auditor	Cooperative Deptt.
186	Ms. Afshana Ashraf	2017	Teacher	Private sector
187	Mr. Mukhtar Ahmad Malik	2017	Teacher	School Education, J&K Govt
188	Mr. Faisal Mir	2017	Business	Private sector
189	Ms. Najma Akhtar	2017	Teacher	Private sector
190	Mr. Younis Ali Teli	2017	Business	Private sector
191	Mr. Jasarat Shabir	2017	Business	Private sector
192	Mr. Asif Ali	2017	Teacher	Private sector
193	Ms. Sumaya	2017	Teacher	Private sector
194	Ms. Saima	2017	Teacher	Private sector
195	Mr. Sajad Ahmad	2017	Teacher	School Education, J&K Govt
196	Mr. Zakir Hussain Shah	2017	Scientist A	DEERS, J&K Govt
197	Mr. Hazeem Qadri	2018	Project Associate	Wildlife Institute of India
198	Mr. Adnan Rashid	2018	Asisstant Professor	Higher Education, J&K Govt
199	Mr. Arshid Ramzan	2018	KPS	JK Police
200	Mr. Latif Mir	2019	Teacher	School Education, J&K Govt
201	Ms. Nazia Akhtar	2020	Junior Supervizor	JK Cooperative Department
202	Ms. Mehnaz Mushtaq	2020	Deputy Manager	ICC Bank
203	Mr. Suheel Yaqoob	2021	Sub- Inspector	JK Police
204	Mr. Rameez A. Shah (PhD)	2023	Asisstant Professor	Higher Education, J&K Govt



205	Dr. Hina Mushtaq (PhD)	2023	Assistant Professor	Higher Education, J&K Govt
206	Dr. Saima Hamid Baba	2013	Assistant Professor	SGT, University, Haryana
207	Dr. Sumaira Rashid	2009	Contractual Lecturer	Higher Education, J&K Govt
208	Dr. Sabreena	2015	Contractual Lecturer	Higher Education, J&K Govt
209	Dr. Humaira Nissa	Ph.D	Contractual Lecturer	Higher Education, J&K Govt
210	Dr. Muneer Ahmad Wani	2010	Contractual Lecturer	School Education, J&K Govt
211	Dr. Imran Khan	2010	Contractual Lecturer	Higher Education, J&K Govt
212	Dr. Adil Gulzar	2008	Contractual Lecturer	Higher Education, J&K Govt
213	Dr. Kainat Aziz	2015	Post Doc	IIT Guwahati
214	Dr. Masrat Nabi	2013	Contractual Lecturer	Higher Education, J&K Govt
215	Dr. Fahim Bashir	2010	Contractual Lecturer	Higher Education, J&K Govt
216	Dr. Ali Mohammad yattoo	Ph.D	Post Doc	Hainan University, China
217	Dr. Shahid Ahmad Dar	2013	Post Doc	Post Doc, NIT Srinagar
218	Dr. Sheema Zafar	Ph.D	Contractual Lecturer	Higher Education, J&K Govt
219	Dr. Shamsudin Tak	Ph.D	Teacher	School Education, J&K Govt
220	Rukhsana Parveen	M.Phil	Scientist B	PCC Ladakh
221	Mr. Qaiser Rafiq	2010	Lecturer 10+2	School Education, J&K Govt
222	Dr. Aashiq H Kuchy	Ph.D	Contractual Lecture	Higher Education, J&K Govt
223	Dr. Suhaib Ahmad Bandh	Ph.D	Assistant Professor	Higher Education, J&K Govt
224	Dr. Javid Ahmad Parray	Ph.D	Assistant Professor	Higher Education, J&K Govt
225	Dr. Basharat Hamid	Ph.D	Contractual Lecturer	Higher Education, J&K Govt
226	Dr. Asma Hassan	M. Phil	Assistant Professor	Higher Education, J&K Govt
227	Mr. Gulzar Ahmad Sheikh	M.Phil	Lecturer 10+2	School Education, J&K Govt
228	Dr. Shabir Ahmad Khanday	Ph.D	Aanalyst	SPCB
229	Ms. Sumaira Shafi	2011	Associate Professor	Higher Education, J&K Govt
230	Mr. Fayaz Ahmad Bhat	M. Phil	Lecturer 10+2	School Education, J&K Govt
231	Dr. Uqab Ali Baba	Ph.D	Assistant Professor	SRM University, NCR



Alumni Meet December, 2022



Research Journal of the Department

The Journal of Himalayan Ecology and Sustainable Development is a pioneering academic publication committed to advancing research and dialogue on the ecology, environment, and sustainable development of the Himalayan region. Started in 2006, the journal has grown into a premier platform for scholars, researchers, and practitioners across India to share insights, innovations, and critical findings that shape the evolving ecological discourse of the Himalayas.

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The journal serves as a critical knowledge resource for the entire Himalayan region. It supports informed decision-making, promotes sustainable development, and contributes to the conservation of one of the world’s most fragile and vital ecosystems.

Guided by a forward-looking vision, the Journal of Himalayan Ecology and Sustainable Development strives to foster inclusive, knowledge-based approaches to conservation and sustainability, while continuing to bridge disciplinary and institutional boundaries through rigorous academic exchange.

JHESD 2019-2024 Publication Statistics

Year	Number of manuscripts received	Number of manuscripts published	Rejection rate
2019	19	9	47
2020	25	12	52
2021	32	11	66
2022	35	12	66
2023	41	9	80
2024	55	8	86

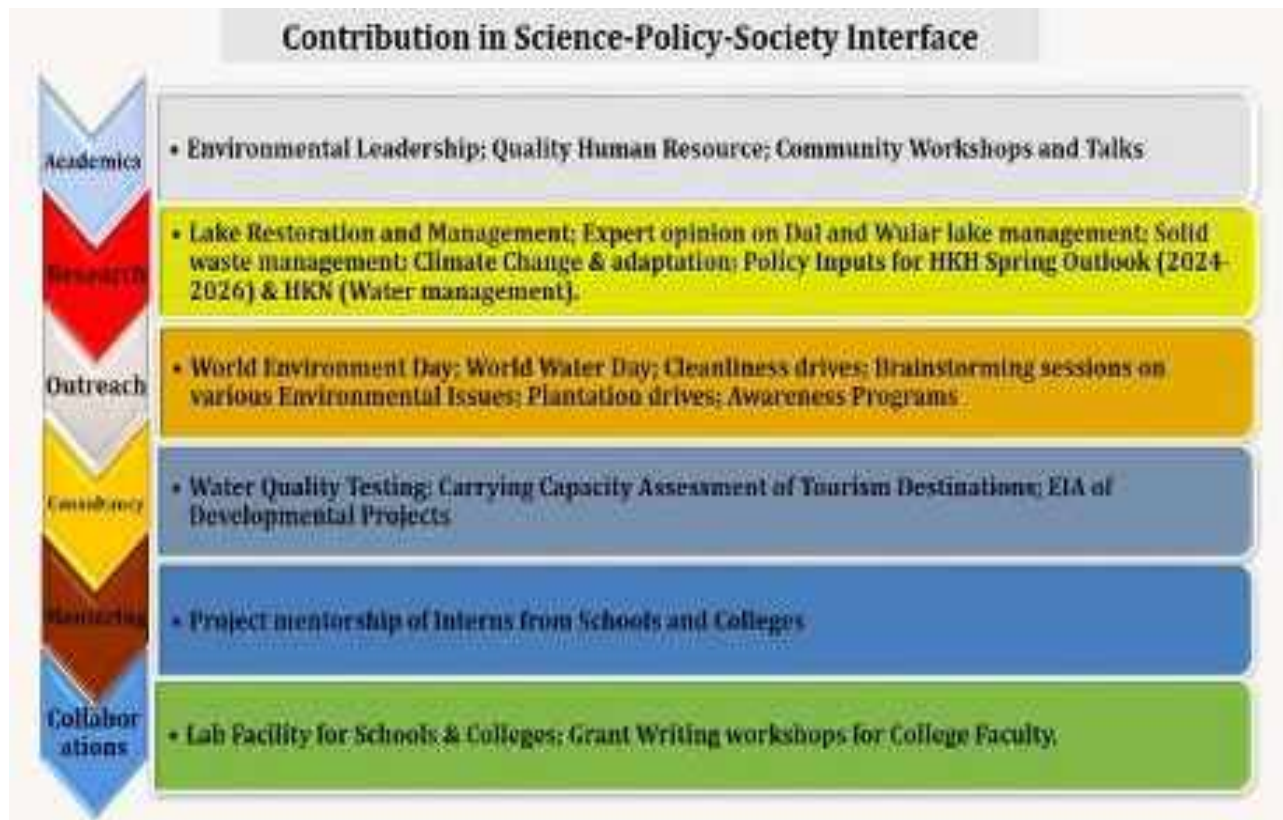


FIELD CUM COLLECTION TRIP, MANASBAL LAKE (BATCH 2023)



Best Practices of the Department of Environmental Science

- **Outreach Programmes**
- **Grievance Redressal Committee**
- **Strong Mentor-Mentee Interface**
- **Science Policy Society Connect**
- **Alumni Feed Back**
- **Environmental Testing**
- **Internships**
- **EIA Consultancy (NABET Accreditation)**
- **Collaboration with Government and Private Agencies**





Students visit to Cement Industry



Students Tour to Leh



Demonstration to GDC Sopore College students on Air Sampler



Demonstration to GDC Baramulla College student's on water analysis



Cleaniness drive at Manasbal Lake by the Department



Cricket team of the department participating in inter-department cricket tournament



Students Field Collection in Hirpora Wildlife Sancturay and Dachigham National Park



Students of batch 2023 visit to IMD Srinagar



Students batch 2022 visit to Treatment Plant



Research Publications of the Department

1. Rautela, K. S., Kanwar, N., Kuniyal, J. C., Sofi, M. S., Goyal, M. K., Bhoj, A. S., Bhat, S. U., Rashid, I., Lata, R., Chand, K., Devi, C. A. B., & Singh, H. B. (2025). Assessing hydro-climatological variability and land use characteristics of the headwater basins of the Indian Himalayan Region. *Earth Systems and Environment*. **(IF:5.3)**
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3. Islam, S. T., Bhat, S. U., Sabha, I., Sofi, M. S., & Dar, S. A. (2025). Comprehensive Assessment of Trophic Status and Chlorophyll-a Dynamics in the Jhelum River Basin: Implications for River Ecosystem Management. *International Journal of Environmental Research*, 19(2), 48.**(IF:2.6)**
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2022

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 10. Yaqoob, K.U., Pandit, A.K. and Wani, S.A. 2008. Some aspects of habitat ecology of aquatic entomofauna in two freshwater lakes of Kashmir Himalaya p. 1916-1921. In: *Proceedings of Taal 2007* (M. Sengupta and R. Dalwani, eds.). The 12th World Lake Conference, National Institute of Ecology, Jaipur, India.
 11. Yaqoob, K.U., Pandit, A.K. and Wani, S.A. 2008. Comparative physiological limnology of three lakes of Kashmir Himalaya p. 1922-1927. In: *Proceedings of Taal 2007* (M. Sengupta and R. Dalwani, eds.). The 12th World Lake Conference, National Institute of Ecology, Jaipur, India.



Students at Hunder Nubra Leh

**List of M.Sc Research Projects (Dissertations) Completed by the Students**

S. No	Roll No	Name of Student	Title of Project	Name of Supervisor
M.Sc. Projects Batch- 2001				
1	1101	Aftab Ahmad Bhat	Impact of Cement Industry on Vegetation	Prof. A. M Shah
2	1102	Haroon Ul Rashid	Ecology of Trout in the River Sindh	Prof. A. R. Yousuf
3	1103	Qazi Ashiq Hussain	A Preliminary Limnological Study of Doodhganga Stream With Special Reference To The Impact of Dredging	Prof. A. K. Pandit
4	1104	Arshid Jehangir Bhat	Macro- Crustaceans in Relation to Paddy Field Environment	Prof. G.A Bhat
5	1105	Kawnsar-ul- Yaqoob	An Area Of Study of Fungal Flora in Air and Its Impact on the Environment	Dr. A.N. Kamili
6	1106	Sami- Ullah Bhat	A Preliminary Study of Aquatic Fungal Flora of Dal Lake	Dr. A.N. Kamili
7	1107	Parvaiz Ahmad	Population of native frog of Kashmir (<i>Rana cyanophlyctis</i>) with respect to paddy field environment	Prof. G.A Bhat
8	1108	Mohd Rafi Dar	Limnological Studies on Wular Lake With Special Reference to Phytoplankton	Prof. A. K. Pandit
9	1109	Arifat Jan	Impact of Vehicular Pollution on Saffron Fields	Prof. A. R. Yousuf
10	1110	Mohd. Yaseen Darzi	Impact of Pesticides on the Non- Target Micro-Organisms and Growth Characteristics of Common Beans (<i>Phaseolus vulgaris</i> . L)	Prof. A.M Shah
11	1111	Ahjaz Ahmad Quraishi	Role of Sericulture Industry in the Economy of J&K state	Prof. A.M Shah
12	1112	Humaira Qadri	Ecological Studies of Nageen Lake With Special Reference to Macrozoobenthos	Prof. A. R. Yousuf
13	1113	Shahid Ahmad Wani	Urban Impacts on the Water Quality of River Jehlum	Prof. A. K. Pandit
14	1114	Hina Riyaz	Eco Comparison of Main University Campus With Naseem Bagh Campus	Prof. G.A Bhat
15	1115	Aasimah Tanveer	Drinking Water Quality: A Study	Dr. A.N. Kamili
16	1116	Tahir Hussain Pandit	A Study of Fungal Flora of River Jehlum	Dr. A.N. Kamili
M.Sc. Projects Batch- 2002				
1	1121	Ufaq Nazir Punjabi	Ecological Study of Khushalsar lake:Zooplankton Community	Prof. A. R. Yousuf
2	1122	Shazia Akhter	Ecological Study of Khushalsar lake: Fungal Community	Prof. A.M Shah
3	1123	Nyla Ali	Ecological Study of Khushalsar lake:The MacrozoobenthicCommunity	Prof. A. K. Pandit
4	1124	Bilques Shugufta	Ecological Study of Khushalsar lake:Sediment Chemistry	Prof. G.A Bhat
5	1125	Tahir Ahmad Malik	Ecological Study of Khushalsar lake: Bacterial Community	Dr. A.N. Kamili
6	1126	Shafaq Shahnaz	Ecological Study of Khushalsar lake:Nekton Community	Prof. A. R. Yousuf
7	1127	Mir Zahoor Gul	Ecological Study of Khushalsar lake: Macrophytic Community	Prof. A.M Shah
8	1128	Bilal Ahmad Batoo	Ecological Study of Khushalsar lake: Catchment Area Characterization	Prof. A. K. Pandit
9	1130	Javied Imran	Ecological Study of Khushalsar lake: Public Interests	Dr. A.N. Kamili
10	1131	Ishtiyaq Ahmad Najar	Ecological Study of Khushalsar lake: Morphometry	Prof. A. R. Yousuf
11	1132	Mudasir Ali	Ecological Study of Khushalsar lake: Quality of Domestic Sewage Entering the Lake	Prof. A.M Shah
12	1133	Ifshana Akhter	Ecological Study of Khushalsar lake: Phytoplankton Community	Prof. A. K. Pandit



13	1134	Shahzadi Wafai Nav Bahar	Ecological Study of Khushalsar lake: Aquatic Vertebrates	Prof. G.A Bhat
14	1135	Nisar Ahmad Shah	Ecological Study of Khushalsar lake: Periphyton Community With Special Reference to Algae	Dr. A.N. Kamili
15	1136	Saima Aijaz	Ecological Study of Khushalsar lake: Water Chemistry	Prof. A. R. Yousuf
M.Sc. Projects Batch- 2003				
1	1141	Irfan Khan	Biotic Interferences In and Around Dachigam National Park	Prof. A. R. Yousuf
2	1142	Sabia Latif	Open Scrub Ecology of Dachigam National Park	Prof. A. K. Pandit
3	1145	Saima Munshi	Water Chemistry of Dagwan Stream	Prof. A. R. Yousuf
4	1146	Aamir Bin Masood	Soil Mesofauna of Dachigam National Park	Prof. A. K. Pandit
5	1147	Sameer Ahmad jan	Macrozoobenthic Community of Daghwan Stream	Prof. A. R. Yousuf
6	1148	Mehnaz Ahanger	Fungal Diseases of Plants in Dachigam National Park	Prof. A.N. Kamili
7	1149	Waseen Feroz Malik	Impact of Grazing on Dachigam National Park	Prof. G.A Bhat
8	1150	Shahnaz Mir	Medicinal Plants of Dachigam National Park	Prof. A.N. Kamili
9	1151	Mithas Ahmad Dar	A General Survey on the Insect Pests of Coniferous and Non-Coniferous Plants of Dachigam National Park	Prof. G.A Bhat
10	1152	Bazigha Badar	Periphytic Algae of Dagwan Stream	Prof. A. K. Pandit
11	1153	Mohammed Nayeem Shah	Avifauna of Dachigam National Park	Prof. G.A Bhat
12	1154	Sana Khan	Soil Characteristics of Dachigam National Park	Prof. G.A Bhat
13	1155	Parvaiz Ahmad Kattoo	Aerial Insects of Dachigam National Park	Prof. G.A Bhat
14	1156	Fayiza Gul	Ecological Studies of Dachigam National Park	Prof. A.N. Kamili
M.Sc. Projects Batch- 2004				
1	1161	Muneezah Mattu	Manasbal Lake in Kashmir Himalaya: Economic Importance	Dr. G. A Bhat
2	1162	Farona Wani	Manasbal Lake in Kashmir Himalaya: Benthic Macroinvertebrate Community	Prof. A. K. Pandit
3	1163	Waseen Hassan	Manasbal Lake in Kashmir Himalaya: Fungal community	Dr. A.N. Kamili
4	1164	Ishrat Aziz	Manasbal Lake in Kashmir Himalaya: Water Chemistry	Prof. A.R. Yousuf
5	1165	Shabnum Jabeen	Manasbal Lake in Kashmir Himalaya: Socio- Economic Importance	Dr. G. A Bhat
6	1166	Mumtaz Ara	Manasbal Lake in Kashmir Himalaya: Macrophtyic Community	Prof. A. K. Pandit
7	1167	Mudasir Ahmad Shah	Manasbal Lake in Kashmir Himalaya: Bacterial Community	Dr. A. N. Kamili
8	1168	Tanveer Ahmad	Manasbal Lake in Kashmir Himalaya: Characteristics of Effluents	Prof. A.R. Yousuf
9	1169	Peerzada Gowhar Bashir	Manasbal Lake in Kashmir Himalaya: Nektonic Invertebrates	Dr. G. A Bhat
10	1170	Shaheena Akhtar	Manasbal Lake in Kashmir Himalaya: Phytoplankton Dynamics	Prof. A. K. Pandit
11	1171	Asif Iqbal Misgar	Manasbal Lake in Kashmir Himalaya: Morphometry	Dr. A.N. Kamili
12	1172	Sana Fayaz Ashai	Manasbal Lake in Kashmir Himalaya: Sediment Chemistry	Prof. A.R. Yousuf
13	1173	Rayees Ahmad Magray	Manasbal Lake in Kashmir Himalaya: Aquatic Invertebrates	Dr. G. A Bhat
14	1174	Madiha Bashir	Manasbal Lake in Kashmir Himalaya: Periphytic Algae	Prof. A. K. Pandit
15	1175	Mohd Muslim	Manasbal Lake in Kashmir Himalaya: Land use pattern	Dr. A.N. Kamili
16	1176	Irum Iftikhar Kirmani	Manasbal Lake in Kashmir Himalaya: Zooplankton Community	Prof. A.R. Yousuf
M.Sc. Projects Batch- 2005				
1	831	Rifat Qureshi	Comparitive Study of Drinking Water Quality of	Prof. A.K Pandit



			Athwajan (Sub- Urban) And Zainakadal (Urban) Areas of Srinagar City	
2	832	Razia Hassan	Comparitive Study of Land Use Patterns and Urbanisation in Athwajan (Sub-Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. Azra N.Kamili
3	833	Ifshana Mukhtar	Comparitive Study of Solid Waste Generation of Athwajan (Sub- Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. G.A Bhat
4	834	Samreen Quareshi	Comparitive Study of Soil Characterisitcs of Athwajan (Semi- Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. G.A Bhat
5	835	Nawab Ahmad Magray	Comparitive Study of Vehicular Pollution of Athwajan(Sub-Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. A.R. Yousuf
6	836	Shazia Mir	Comparitive Study of Energy Resources used in Athwajan (Sub- Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof.Azra N. Kamili
7	837	Shahid Shafi Itoo	Comparitive Study of Drainage Pattern of Athwajan And Zainakadal Srinagar	Prof. A.K Pandit
8	838	Zameer Mumtaz	Comparitive Study of Air Pollution of Athwajan (Sub-Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. G.A Bhat
9	839	Imran Ahmad	Comparitive Study of Socio- Economics of Athwajan And Zainakadal	Prof. A. R. Yousuf
10	840	Javid Mir	Comparitive Study of Trade and Its Impact on Environment of Athwajan (Sub-Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. A.R Yousuf
11	841	Shugufta Shareef	Comparitive Study of Biodiversity of Athwajan(Sub-Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof.Azra N.Kamili
12	842	Mir Mushtaq Ahmad	Comparitive Study of Housing Pattern of Athwajan And Zainakadal	Prof. G.A Bhat
13	843	Saba Nowsheen	Studies on Water Chemistry And Periphytic Community in a Stretch of River Jhelum And An Adjoining Marsh	Prof. A.K Pandit
14	844	Faizan Asim	Comparitive Study of Industrial Emissions of Athwajan (Sub- Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. A.R. Yousuf
15	845	Tahmeen Nazir Keen	Comparative Study of Wastewater Quality of Athwajan (Sub- Urban) And Zaina kadal (Urban) of Srinagar City	Prof. A.K Pandit
16	846	Andleeb Iftikhar	Comparitive Study of Public Health Status of Athwajan (Sub- Urban) And Zainakadal (Urban) Areas of Srinagar City	Prof. Azra N. Kamili
M.Sc. Projects Batch- 2006				
1	6101	Altaf Hussain	Physiography and Hydrometeorology of the Shankracharya Forest Ecosystem	Prof. A.R. Yousuf
2	6102	Rumisa Nazir	Geology and Geomorphology of the Shankracharya ForestEcosystem	Prof. A.R. Yousuf
3	6103	Saba Shah	Tourism Dynamics in Shankracharya Forest Ecosystem	Prof. A.K Pandit
4	6104	Abdul Rashid Mir	Soil Erosion in Shankracharya Forest Ecosystem	Prof. A.R. Yousuf
5	6105	Mohammad Abbas Bhat	Floristic Diversity of the Shankracharya Forest Ecosystem	Prof. Azra N. Kamili
6	6106	Afaq Ahmad Nayak	Faunal Diversity of Shankracharya Forest Ecosystem	Prof. G.A Bhat
7	6107	Mohammad Irshad	Soil Mesofauna of Shankracharya Forest Ecosystem	Prof. G.A Bhat
8	6108	Gazallah Jabeen	Soil Chemistry of the Shankracharya Forest Ecosystem	Prof. A.K Pandit
10	6110	Irfan Yousuf Shah	Medicinal Plants of Shankracharya Forest Ecosystem	Prof. Azra N. Kamili
11	6111	Rouoof Habib	Phytosociology of Shankracharya Forest Ecosystem	Prof. A.K Pandit
12	6112	Asma Yousuf	Soil Bacteria of the Shankracharya Forest Ecosystem	Prof. Azra N. Kamili
13	6113	Kosiya	Soil Fungi of the Shankracharya Forest Ecosystem	Prof. Azra N. Kamili
14	6114	Irm- Fatima	Physical Parameters of Soils of Shankracharya Forest	Prof. G.A Bhat



			Ecosystem	
15	6115	Basharat Mushtaq	Biotic Interferences in Shankracharya Forest Ecosystem	Prof. A.K Pandit
M.Sc. Projects Batch- 2007				
1	8601	Nisar Ahmad Malik	Limnochemistry of Hokarsar Wetland With Reference to Nitrogen	Prof. Ashok K. Pandit
2	8602	Sami-Ullah Ganaie	Ecological Distribution of Plankton of Hokarsar Wetland	Prof. Ashok K. Pandit
3	8603	Dil Afroza Jan	Density and Identification of Microbes in Hokarsar Wetland	Prof. Azra N. Kamili
4	8604	Sadaf Bashir Zargar	Phytosociology and Biomass of Dominant Macrophytes in Hokarsar Wetland	Prof. Ashok K. Pandit
5	8605	Idrees Yousuf dar	Ecological Distribution of Macrozoobenthos in Hokarsar Wetland, Kashmir	Prof. G.A Bhat
7	8607	Ghulam Ahmad Khan	Birds- Nesting And Breeding Behaviour in Hokarsar Wetland	Dr. G.A. Bhat
8	8608	Aabid Hussain Naqash	Socio- Economic Survey of Hokarsar Wetland	Prof. Azra N. Kamili
9	8609	Najma Sonobar Nehvi	Phosphorous Accumulation in Macrophytes in Hokera Wetland of Kashmir	Prof. A. R. Yousuf
10	8610	Amira Lateif Bhat	Nitrogen Accumulation in Macrophytes of Hokarsar Wetland	Prof. Ashok K. Pandit
11	8611	Shamim Ahmad Sheikh	Catchment Characteristics of Soil of Hokarsar Wetland With Reference to Nitrogen and Phosphorous	Dr. G.A. Bhat
12	8612	Mohamad Altaf Dar	Morphometry And Catchment Characteristics of Hokarsar Wetland	Prof. Azra N. Kamili
13	8613	Rabiya Shafi	Sediment Characteristics of Hokarsar Wetland With Particular Reference to Phosphorous	Prof. A.R Yousuf
14	8614	Zahoor Ahmad Sheikh	Sediment Characteristics of Hokarsar Wetland With Particular Reference to Nitrogen	Dr. G.A. Bhat
15	8615	Ishrat Yousuf	Limnochemistry of Hokarsar Wetland With Special Reference to Phosphorous	Prof. A. R. Yousuf
16	8616	Samira Saleem	Biotic Interferences in Hokarsar Wetland Ecosystem	Prof. Azra N. Kamili
M.Sc. Projects Batch- 2008				
1	61	Aadil Hamid	Ecology of Sonamarg, Kashmir: Macroinvertebrate Community in River Sindh	Prof. A.K Pandit
2	62	Aaliya Ismat Baba	Ecology of Sonamarg, Kashmir: Periphytic Flora of River Sindh	Prof. A.K Pandit
3	63	Sakeena Jabeen	Ecology of Sonamarg, Kashmir: Tourism	Prof. A.K Pandit
4	64	Syed Sana Mehraj	Ecology of Sonamarg, Kashmir: Epigeal Invertebrate Fauna	Prof. G.A Bhat
5	65	Sefia Masoom	Ecological study of Sonamarg, Kashmir: Land Use/ Land Cover Pattern	Prof. A. R Yousuf
6	66	Firdose Ahmad Mir	Ecology of Sonamarg, Kashmir: Impact of Grazing	Prof. G.A Bhat
7	67	Javeed Ahmad Najar	Ecology of Sonamarg, Kashmir: Socio-Economic Survey of Sonamarg	Prof. Azra N. Kamili
8	68	Shazia Rehman	Ecology of Sonamarg, Kashmir: Herbal Flora	Prof. Azra N. Kamili
9	69	Sana Shafi	Ecology of Sonamarg, Kashmir: A Study of Microbial Community of River Sindh	Prof. Azra N. Kamili
10	70	Tabasum Yaseen	Ecology of Sonamarg, Kashmir: Water Resources and their Quality	Prof. A. R Yousuf
11	72	Shaista Bashir	Ecology of Sonamarg, Kashmir: Forest Resources	Prof. A.K Pandit
12	73	Aadil Gulzar Khan	Ecology study of Sonamarg,: Ichthyofauna of River Sindh	Prof. A. R Yousuf



13	74	Naseer Ahmad Dar	Ecology of Sonamarg, Kashmir: Monitoring of Air Quality	Prof. A. R Yousuf
14	75	Nadiya Manzoor	Ecology of Sonamarg, Kashmir: Physico- Chemical Characteristics of Soils of Sonamarg Area	Prof. G.A Bhat
15	76	Bashir Ahmad Gojree	Ecology of Sonamarg, Kashmir: Aerial Entomofauna	Prof. G.A Bhat
M.Sc. Projects Batch- 2009				
1	3176	Rabia Mubarak	Ecological Study of Yusmarg Forest: Limnochemistry of Water Reservoir	Prof. A.R Yousuf
2	3179	Abroo Ali	Ecological Study of Yusmarg Forest: Epigeal and Hypogeal Macroinvertebrate Community	Prof. G.A Bhat
3	3180	Rafia Rashid	Ecological Study of Yusmarg Forest: Algal Community of Streams	Prof. A.K Pandit
4	3181	Gowhar Mehraj	Ecological Study of Yusmarg Forest: Land Use/ Land Cover Mapping	Prof. A.R Yousuf
5	3182	Asma Absar	Ecological Study of Yusmarg Forest: Phytosociology	Prof.A.K Pandit
6	3183	Mohammad Skinder Bhat	Ecological Study of Yusmarg Forest: Biotic Interferences	Prof. A.K Pandit
7	3184	Saima Jan	Ecological Study of Yusmarg Forest: Limnochemistry of Streams	Prof.A.K Pandit
8	3185	Shazia Habib	Ecological Study of Yusmarg Forest: Benthic Macroinvertebrate Community of Streams	Prof. A.R Yousuf
9	3186	Fayaz Ahmad Bali	Ecological Study of Yusmarg Forest: Fishery Resources	Prof. A.R Yousuf
10	3187	Muneer Ul Islam	Ecological Study of Yusmarg Forest: Fungal Communities of Soil	Prof. Azra N. Kamili
11	3189	Shugufta Khanday	Ecological Study of Yusmarg Forest: Physio- Chemical Characteristics of Forest Soils	Prof. G.A Bhat
12	3190	Javid Majeed	Ecological Study of Yusmarg Forest: Microbial Quality of Water	Prof. Azra N. Kamili
13	3191	Aabid Yousuf	Ecological Study of Yusmarg Forest: Soil Mesofauna	Prof. G.A Bhat
14	3192	Nyla Ajaz	Ecological Study of Yusmarg Forest: Phytoplankton of Water Reservoir	Prof.A.K Pandit
15	3193	Asma Yousuf	Ecological Study of Yusmarg Forest: Floristic Community Structure of Meadows	Prof. Azra N. Kamili
16	3194	Raja Parveez Ali	Ecological Study of Yusmarg Forest: Macro-invertebrate Community of Reservoir	Prof. A.R Yousuf
17	3195	Moieza Ashraf	Ecological Study of Yousmarg Forest: Physico-Chemical Characteristics of Grassland Soils	Prof. G.A Bhat
18	3196	Davood Ahmad Dar	Ecological Study of Yousmarg Forest: Tourism Status	Prof.A.K Pandit
19	3197	Rouf Ahmad Bhat	Ecological Study of Yousmarg Forest: Solid Waste Generation	Prof. Azra N. Kamili
20	3198	Gowhar Hamid Dar	Ecological Study of Yousmarg Forest: Bacterial Community of Soils	Prof. Azra N. Kamili
21	3199	Manzoor Ahmad Bhat	Ecological Study of Yousmarg Forest: Aerial Entomofauna	Prof. G.A Bhat
22	3200	Bilal Ahmad Bhat	Ecological Study of Yousmarg Forest: Avifauna	Prof.G.A Bhat
M.Sc. Projects Batch- 2010				
1	8251	Bisma Zahoor	River Jehlum Ecosystem: Phytoplankton Community	Prof. A.K. Pandit
2	8252	Naseer Ahmad Sanaie	River Jehlum Ecosystem: Hydrology	Prof. A. R. Yousuf
3	8253	Zaffar Iqbal	River Jehlum Ecosystem: Hematology of Fish	Prof. A. R. Yousuf
4	8254	Shugufta Jan	River Jehlum Ecosystem: Bacterial Flora of Water	Prof. A.N Kamili
5	8255	Irshad Ahmad	River Jehlum Ecosystem: Socio- Economic Studies	Prof. Azra N. Kamili
6	8256	Rifat Ara Wani	River Jehlum Ecosystem: Ground Water Quality	Prof. A.R Yousuf
7	8257	Fahim Bashir	River Jehlum Ecosystem: Entomofauna	Prof. G.A. Bhat
8	8258	Aabid Mir	River Jehlum Ecosystem: Sediment Chemistry	Prof. A. R Yousuf



9	8259	Irfana Showqi	River Jehlum Ecosystem: Land Use And Land Cover Pattern	Prof. G.A Bhat
10	8260	Furqanah	River Jehlum Ecosystem: Fungal Flora of Water	Prof. A.N Kamili
11	8261	Malik Samiullah	River Jehlum Ecosystem: Phytosociology of Herbaceous Flora	Prof. A. N Kamili
12	8263	Shabeena Maqbool	River Jehlum Ecosystem: Fungal Flora of Soil	Prof. Azra N. Kamili
13	8264	Wamiq Rouf	River Jehlum Ecosystem: Phytosociology of Woody Plants	Prof. Azra N. Kamili
14	8265	Kashif Nadeem	River Jehlum Ecosystem: Solid Waste Generation	Prof. G.A. Bhat
15	8266	Sameer Ahmad	River Jehlum Ecosystem: Biotic Interferences	Prof. G.A. Bhat
16	8268	Shaista Rashid	River Jehlum Ecosystem: Limnochemistry	Prof. A.K Pandit
17	8269	Asma Zaffar	River Jehlum Ecosystem: Macrozoobenthic Community	Prof. A. R. Yousuf
18	8270	Insha Mehraj	River Jehlum Ecosystem: River Bank Soil Chemistry	Prof. G.A Bhat
19	8271	Sabba Yaqoob	River Jehlum Ecosystem: Periphyton Community	Prof. A.K Pandit
20	8272	Arshid Hussain	River Jehlum Ecosystem: Sewage Water Characteristics	Prof. A.K Pandit
21	8273	Mudasir Ahmad	River Jehlum Ecosystem: Avifauna	Prof. G.A Bhat
22	8274	Imran Khan	River Jehlum Ecosystem: Ichthyofauna	Prof. A.R Yousuf
23	8275	Taqdees Farooq	River Jehlum Ecosystem: Endoparasites of Fishes	Prof. A. R. Yousuf
M.Sc. Projects Batch- 2011				
1	25201	Sumaira	Ecological Study of Gulmarg Wildlife Sanctuary: Water Chemistry	Prof. A.K. Pandit
2	25202	Saima Bashir	Ecological Study of Gulmarg Wildlife Sanctuary: Hydrology and Morphometry	Prof. A. R. Yousuf
3	25203	Mohd. Sharjeel Sofi	Ecological Study of Gulmarg Wildlife Sanctuary: Air Quality	Prof. A. R. Yousuf
4	25204	Firdous Ahmed Sheikh	Ecological Study of Gulmarg Wildlife Sanctuary: Carbon Sequestration Potential Of Herbaceous Vegetation	Prof. A.K. Pandit
5	25205	Mubashir Yaseen	Ecological Study of Gulmarg Wildlife Sanctuary: Tourism	Prof. A.K. Pandit
6	25206	Hameed Ul Haq Lone	Ecological Study of Gulmarg Wildlife Sanctuary: Phytosociology of Herbaceous Flora and Woody Vegetation	Prof. Azra N. Kamili
7	25207	Faizan Mushtaq	Ecological Study of Gulmarg Wildlife Sanctuary: Avifauna	Prof. G.A Bhat
8	25208	Moonisa Aslam Dervash	Ecological Study of Gulmarg Wildlife Sanctuary: Soil Mesofauna	Dr. Arshid Jehnagir
9	25209	Aamir Hussain	Ecological Study of Gulmarg Wildlife Sanctuary: Soil Chemistry of Forest Lands	Dr. Arshid Jehangir
11	25211	Eshrat Nabi Bhat	Ecological Study of Gulmarg Wildlife Sanctuary: Land Use Land Cover Mapping	Prof. A.R. Yousuf
12	25212	Masoor Ahmad Lone	Ecological Study of Gulmarg Wildlife Sanctuary: Spider Community	Prof. G.A Bhat
13	25213	Aashik Hussain Mir	Ecological Study of Gulmarg Wildlife Sanctuary: Socio Economic Studies	Prof. Azra N. Kamili
14	25214	Aejaz Ul Nabi	Ecological Study of Gulmarg Wildlife Sanctuary: Ichthyofauna	Prof. A. R. Yousuf
15	25215	Saima	Ecological Study of Gulmarg Wildlife Sanctuary: Biotic Interference	Dr. Arshid Jehangir
16	25216	Seema Mansoor	Ecological Study of Gulmarg Wildlife Sanctuary: Fungal Flora of Soil	Prof. Azra N. Kamili
17	25217	Syed Abid Hussain Simnani	Ecological Study of Gulmarg Wildlife Sanctuary: Solid waste	Prof. A.K. Pandit
18	25218	Muzafar Zaman	Ecological Study of Gulmarg Wildlife Sanctuary: "Epigeal and Cryptozoic Macroinvertebrate Community	Prof. G.A Bhat
19	25219	Gousia Mehraj	Ecological Study of Gulmarg Wildlife Sanctuary: Ground Water Quality	Dr. Sami Ullah Bhat



20	25220	Asiya Bashir	Ecological Study of Gulmarg Wildlife Sanctuary: Soil Chemistry of Meadow Lands	Dr. Arshid Jehangir
21	25221	Inam Sabha	Ecological Study of Gulmarg Wildlife Sanctuary: Stream Periphytic Community	Dr. Sami Ullah Bhat
22	25222	Aaliya Rafiq	Ecological Study of Gulmarg Wildlife Sanctuary: Macrozoobenthic Community	Dr. Sami Ullah Bhat
23	25223	Humera Nabi	Ecological Study of Gulmarg Wildlife Sanctuary: Bacterial Flora of Soil	Dr. Ruqeya Nazir
24	25224	Tahmina Mehraj	Ecological Study of Gulmarg Wildlife Sanctuary: Aerial Entomofauna	Prof. G.A Bhat
25	25225	Nighat Gani	Ecological Study of Gulmarg Wildlife Sanctuary: Bacterial Flora of Water	Prof. Azra N. Kamili
26	25226	Uzma Nazir	Ecological Study of Gulmarg Wildlife Sanctuary: Fungal Flora of Water	Dr. Ruqeya Nazir
27	25227	Arif Ahmad	Ecological Study of Gulmarg Wildlife Sanctuary: Phytoplankton Community	Dr. Sami Ullah Bhat
28	25228	Saidia Sadat	Ecological Study of Gulmarg Wildlife Sanctuary: Earthworm Fauna	Prof. A. R. Yousuf
29	25229	Arjumand Mukhtar	Ecological Study of Gulmarg Wildlife Sanctuary: Air Microbiology	Dr. Ruqeya Nazir
30	25230	Nausheeba Aslam	Ecological Study of Gulmarg Wildlife Sanctuary: Sewage Water Characteristics	Dr. Ruqeya Nazir
M.Sc. Projects Batch- 2012				
1	12063100001	Suheel Ahmad Dar	Dal Lake: Study of Socioeconomics of Lake Dwellers	Prof. Azra N.Kamili
2	12063100002	Saleem Farooq Rather	Dal Lake: Study of Periphyton Community	Prof. A. K. Pandit
3	12063100003	Zahoor Ahmad Rather	Dal Lake: Study of Biochemical Assessment of Some Macrophytes	Dr. Ruqeya Nazir
4	12063100004	Saima Parvez	Dal Lake: Study of Water Chemistry	Dr. Sami Ullah Bhat
5	12063100005	Qaisar Manzoor	Dal Lake: Study of Sediment Chemistry	Dr. Arshid Jehangir
6	12063100006	Syeed Mudasir Mushtaq	Dal Lake: Study of Avifauna	Prof. G. A. Bhat
7	12063100008	Maajid Ashraf Wani	Dal Lake: Study of Performance of Sewage Treatment Plants	Dr. Aasimah Tanveer
8	12063100009	Showkat Maqbool Chopan	Dal Lake: Sequestration Potential of Some Macrophytes, NPK	Dr. Aftab Ahmad Bhat
9	12063100010	Mehmood Khan	Dal Lake: Sewage Water Characteristics	Prof. Azra N.Kamili
10	12063100011	Tehseena	Dal Lake: Study of Zooplankton Community	Prof. A. K. Pandit
11	12063100012	Ifra Aziz	Dal Lake: Study of Fish and Fish Haematology	Dr. Ruqeya Nazir
12	12063100013	***		
13	12063100014	Shabista Shakeel	Dal Lake: Study of Impact of Human Settlement	Dr. Arshid Jehangir
14	12063100015	Abdul Aziz	Dal Lake: Study of Aerial Entomofona	Prof. G. A. Bhat
15	12063100016	Tanzeela Yousuf	Dal lake: Study of Tourism	Dr. Mudasir Ali
16	12063100017	Umara Qayoom	Dal Lake: Study of Groundwater Quality Around the Lake	Dr. Aasimah Tanveer
17	12063100018	Maheen Javaid	Dal lake: Study of Morphometry and Hydrology	Dr. Aftab Ahmad Bhat
18	12063100020	Rubeena Farooq	Dal Lake: Study of Fungal Community	Prof. Azra N.Kamili
20	12063100021	Heena Nisar	Dal Lake: Study of Macrophytic Vegetation	Prof. A. K. Pandit
21	12063100022	Insha Amin	Dal Lake: Study of Bacterial Biota of Water	Dr. Ruqeya Nazir
22	12063100023	Imadiya Javaid	Dal Lake: Study of Macro-Invertebrates Community with respect to Macrophytes	Dr. Sami Ullah Bhat
23	12063100024	Maria Mushtaq	Dal Lake: Soil Chemistry of Floating Gardens	Dr. Arshid Jehangir
24	12063100025	Ulfat Jan	Dal Lake: Study of Phytoplankton Community	Dr. Sami Ullah Bhat
M.Sc. Projects Batch- 2013				
1	13063100001	Mir Riasa Zaffar	Ecological Study of Nigeen Lake: Study Of Bacterial	Prof. B. A Ganai



			Biota of Water	
2	13063100002	Sajad Ahmad Bhat	Socioeconomic Status of Nigeen Dwellers	Prof. Azra N. Kamili
3	13063100003	Shahid Ahmad Dar	Ecological Study of Nigeen Lake: Limnochemistry	Dr. Sami Ullah Bhat
4	13063100004	Sayima Qayoom	Ecological Study of Nigeen Lake: Sediment Chemistry	Dr. Arshid Jehangir
5	13063100005	Mehru Nissa	Ecological Study of Nigeen Lake: Phytoplankton Community	Dr. Sami Ullah Bhat
6	13063100006	Suriyah Akhter	Nigeen Lake: Study of Biochemical Assessment of Some Macrophytes	Dr. Ruqeya Nazir
7	13063100007	Nusrat Ayoub	Ecological Study of Nigeen Lake: Water Characteristics of Major Inlets and Outlet	Dr. Aasimah Tanveer
8	13063100008	Madhia Saba	Ecological Study of Nigeen Lake: Thermal Stratification	Dr. Aftab Ahmad Bhat
9	13063100009	Masarat Nabi	Ecological Study of Nigeen Lake: Heavy Metal Analysis	Prof. B. A Ganai
10	13063100011	Feroz Ahmad	Ecological Study of Nigeen Lake: Avifauna	Prof. Md. Niamat Ali
11	13063100012	Saima	Nigeen Lake: Phytosociology of Herbaceous and Woody Vegetation	Prof. Azra N. Kamili
12	13063100013	Rizwana Khan	Nigeen Lake: Sequestration Potential of Some Macrophytes, NPK	Prof. B. A Ganai
13	13063100014	Ishfaq Qayoom Shah	Ecological Study of Nigeen Lake: Air and Noise Quality	Dr. Arshid Jehangir
14	13063100015	Shagufta Mohi Ud Din Wa	Ecological Study of Nigeen Lake: Aerial Entomofauna	Prof. Md. Niamat Ali
15	13063100016	Rabiya Lone	Nigeen Lake: Study on Tourism	Prof. Azra N. Kamili
16	13063100017	Sayima Gulzar Malik	Nigeen Lake: Phytophilous Macro-Invertebrate Community on Different Macrophytes	Dr. Sami Ullah Bhat
17	13063100018	Nargis Syeed	Ecological Study of Nigeen Lake: Groundwater Quality	Dr. Aasimah Tanveer
18	13063100019	Lone Rafiya Majeed	Nigeen Lake: Study of Macrophytic Vegetation	Prof. Ashok K. Pandit
19	13063100020	Shahzada Iqbal	Ecological Study of Nigeen Lake: Morphometry , Hydrology and Bathymetry	Dr. Aftab Ahmad Bhat
20	13063100021	Javaid Ahmad Bahar	Ecological Study of Nigeen Lake: Solid Waste	Dr. Ruqeya Nazir
21	13063100022	Zeenath Arooj	Ecological Study of Nigeen Lake: Study of Periphyton Community	Prof. Ashok K. Pandit
22	13063100023	Asma Jan	Nigeen Lake: Study of Zooplankton Community	Prof. Ashok K. Pandit
23	13063100024	Mehvish Nazir	Ecological Study of Nigeen Lake: Soil Chemistry	Dr. Arshid Jehangir
24	13063100025	Sameena Sultan	Nigeen Lake: Study of Fungal Flora Of Water	
M.Sc. Projects Batch- 2014				
1	14063120001	Mymoona Akhter	Antibacterial Screening of Medicinal Plants <i>Verbena officinalis</i> and <i>Rose canina</i>	Prof. B. A Ganai
2	14063120002	Heena Maqbool	A Study of Enzyme Activity of Soils of Tangmarg Area of Kashmir Himalaya	Prof. Azra N. Kamili
3	14063120003	Owais Majeed Mir	Study of Zooplankton Community of Nigeen Lake	Prof. Md. Niamat Ali
4	14063120004	Ruqia Bhat	Fungal Flora of Some Springs of Kashmir Valley	Dr. Ruqeya Nazir
5	14063120005	Tajamul Bashir Mir	Study of Phytoplankton From Bottom Waters Of Nigeen Lake	Dr. Sami-Ullah Bhat
6	14063120006	Iqra Maqbool	Ecological Footprint Assessment of Individuals of Kashmir Valley	Dr. Arshid Jehangir
7	14063120007	Malik Ifra	Groundwater Quality of Kupwara District	Dr. Aasimah Tanveer
8	14063120008	Sumaira Rashid	Evaluation of Phytoremediation of <i>Ceratophyllum demersum</i> for Waste Water Treatment	Dr. Aftab Ahmad Bhat
9	14063120009	Irfana Assad	Chemical Composition and In-vitro Antibacterial Activity of Essential Oil and Methanolic Extract of Aerial Parts of <i>Thymus linearis</i> Against Clinically Important Bacterial Strains	Dr. Bilal Ahmad Wani
10	14063120010	Bilqis Jan	Bacterial Flora Associated With Fish Fauna In Selected Fresh Water Bodies Of Kashmir Valley	Prof. B. A Ganai



11	14063120011	Ruhana Muzaffer	A Study Of Enzyme Activity of The Soils Of Gulmarg Area Of Kashmir Himalaya	Prof. Azra N. Kamili
12	14063120013	Yasmeena Jan	Study of Avifauna Of Hokersar Wetland Reserve	Prof. Md. Niamat Ali
13	14063120014	Nahida Ramzan	Study of Bacterial Biota of Some Springs of Kashmir Valley	Dr. Ruqeya Nazir
14	14063120016	Shahid Ahamd Ganaie	Study of Vertical Variation in Limnochemistry of Nigeen Lake	Dr. Sami Ullah Bhat
15	14063120017	Hilal Ahmad Dar	Soil Carbon Sequestration Under Different Land Uses in Kupwara Region of Kashmir Himalaya	Dr. Arshid Jehangir
16	14063120018	Yasira Munwar	Study of Spring Water Quality of District Ganderbal	Dr. Aasimah Tanveer
17	14063120019	Bisma Nisar	Efficiency Evaluation of Three Fluidized Aerobic Bioreactor Based Sewage Treatment Plants in Kashmir Valley	Dr. Aftab Ahmad Bhat
18	14063120020	Shahida Naseem	Isolation, Characterization and <i>In-Vitro</i> Antibacterial Evaluation of Betulinic Acid from <i>Melissa officinalis</i> Against Some Human Pathogenic Bacteria	Dr. Bilal Ahmad Wani
19	14063120021	Sabira Hafiz	Fungal Flora Associated With Fish Fauna of Kashmir valley	Prof. B. A Ganai
20	14063120022	Suriya Gani	A Study of Soil Enzymes Of Sonamarg Area of Kashmir Himalaya	Prof. Azra N. Kamili
21	14063120023	Nizbah Muzaffer	Haematological profile Of <i>Cyprinus carpio communis</i> , <i>Cypinus carpio specularis</i> and <i>Schizothorax niger</i> collected from Dal and Nigeen Lake	Prof. Md. Niamat Ali
22	14063120024	Syed Safoora Andrabi	Preliminary Airmicrobiological Study In Hospitals And Around Springs in Kashmir Valley	Dr. Ruqeya Nazir
23	14063120025	Nazia Mohi ud Din	Sewage Water Characteristics of Hazratbal STP Srinagar- Kashmir	Dr. Sami Ullah Bhat
24	14063120026	Subreena Akhtar	Water Footprint And Household Water Consumption Pattern of Individuals In Kashmir Valley	Dr. Arshid Jehangir
M.Sc. Projects Batch- 2015				
1	1506310001	Khairul Nissa	Bacterial Flora of Sonmarg Forest Area of Kashmir Himalaya	Prof. A.N. Kamili
2	1506310002	Sabreena	Biochemical Parameters of Azolla And Water Parameters Reflecting Tropic Status of Dal Lake	Prof. B.A. Ganai
3	1506310003	Shahid Hameed	Study of Butterfly Diversity Along Altitudinal gradient from Manigam (1670 m amsl) to Mohanmarg (3455 m amsl).	Prof. Md. Niamat Ali
4	1506310004	Gowhar Nabi Bhat	Impact of Heavy Metals on Soil Microbial Communities of District Budgam and Srinagar of Kashmir Valley	Dr. Ruqeya Nazir
5	1506310005	Asmat Un Nisa	Water Quality Characteristics of Some Freshwater Springs of Anantnag District Kashmir	Dr. Sami Ullah Bhat
6	1506310006	Saif Un Nisa	Carbon Sequestration Estimation of Some Dominant Macrophyte and Sediments of Hygam Wetland	Dr. Arshid Jehangir
7	1506310007	Shakeel Ah. Shah	Study of Water Quality Assessment of River Sindh	Dr. Aasimah Tanveer
8	1506310008	Masroof Ah. Dar	Mapping and Analysis of changes in the riparian Landscape of Sindh River	Dr. Aftab Ahmad Bhat
9	1506310009	Suhail Hilal Parray	Municipal Solid Waste Scenario in Winter Season at Gulmarg Tourist Resort	Dr. Nowsheen Hassan
10	1506310010	Ubaidah Akhter	Fungal Flora of Sonamarg Forest Area of Kashmir Himalaya	Prof. A.N. Kamili
11	15063100011	Naveed Ah. Pathan	A Preliminary Study on the Use of Traditional Medicines in Uri Disrtict, Baramulla (J&K)	Prof. B.A. Ganai
12	15063100012	Arjamand Rashid	Study of Entamofauna of Srinagar With Special Reference to <i>Orthoptera</i> (Grasshopper)	Prof. Md. Niamat Ali
13	15063100013	Syed Mehar-Un - Nisa	A Preliminary Study of Microbial Diversity and their Co-relation with Heavy Metals Analysed from Orchard Soils of Shopian and Pulwama District	Dr. Ruqeya Nazir
14	15063100014	Suraya Mushtaq	Study of Physico-chemical Characteristics of Springs of	Dr. Sami Ullah Bhat



			Baramulla District	
15	15063100015	Mehnaz Bashir	Assesment of Noise Levels in Some Areas of Kashmir Valley	Dr. Arshid Jehangir
16	15063100016	Sabira Tahseen	Ground Water Quality of Budgam District	Dr. Aasimah Tanveer
17	15063100017	Farhana Latif	Mapping Incidence and Prevalence of Water Borne Diseasses Among Dal Dwellers	Dr. Aftab Ahmad Bhat
18	15063100018	Rouf Ali	Trophic Status of Hazratbal Basin Dal Lake, J&K as Reflected by Salvinia and water parameters	Dr. Nowsheen Hassan
19	15063100019	Reema Sadaf	Phytosociological Study of Sonamarg Forest Area	Prof. A.N. Kamili
20	15063100020	Farah Bashir	Aspects of Ecology of Asiatic Black Bear (<i>Ursus thibetanus</i>) in Dachigam National Park Kashmir	Prof. B.A. Ganai
21	15063100021	Mujeeb Ahmad Lone	Study of Entamofauna in Srinagar, with Special Reference to Coleoptera	Prof. Md. Niamat Ali
22	15063100022	Kainat Aziz	Effect of Microbial Diversity by Heavy Metal Accumulation in the Orchard Fields of District Kupwara and District Baramulla	Dr. Ruqeya Nazir
23	15063100023	Faema Mir	Study of Drinking Water Quality of Srinagar District	Dr. Sami Ullah Bhat
24	15063100024	Bisma Asif	Scenario of Municipal Solid Waste Generation in Hazratbal, Srinagar	Dr. Arshid Jehangir
25	15063100025	Rabia Ramzan	Study of Bacterial Flora of River Sindh	Dr. Aasimah Tanveer
26	15063100026	Deeba Bashir	Assessing the Long term Trends for Temperature and Precipitation from Observed and Simulated Climate Data Over Kashmir Region	Dr. Aftab Ahmad Bhat
27	15063100027	Darkshan Bilal	Evaluating Climatic Extremities on observed Climatic Data of Kashmir Valley Using Rclimindex Model	Dr. Nowsheen Hassan
28	15063100028	Monalisa Kadir Nawab	Ecological Aspects of Leopard (<i>Panthera pardus</i>) in Dachigam National Park, Kashmir	Prof. A.N. Kamili
M.Sc. Projects Batch- 2016				
1	16063120001	Aamir Jan Farooq	Floristic Composition of Dachigam National Park	Prof.A.N. Kamili
2	16063120002	Misbah Rashid	Comparative Carbon Sequestration Potential of two Congeneric Species of Genus Amaranthus (<i>amaranthus caudatus</i>) and (<i>amaranthus blitum</i>)	Prof.B.A. Ganai
3	16063120003	Umaira Shabir	Population Status and Nesting Ecology of Streaked Laughing Thrush	Prof. Md. Niamat Ali
4	16063120004	Tabasum Farooq	Aero Microbiology of Thajwas Glacier	Dr.Ruqeya Nazir
5	16063120005	Peerzada Abbas Aman	Study of Periphytic Algae of Aripal Stream	Dr. Sami Ullah Bhat
6	16063120006	Haris Abdullah Pala	Influence of Forest Protection on Vegetation and Soil Characteristics in matti-Handoo Leehanwan Kokernag, Anantnag	Dr.Arshid Jehangir
7	16063120007	Quratulen	Geospatial Monitoring of Spatial, Temporal and Thematic Changes in and around Hazratbal Basin of Dal Lake	Dr. Mohammad Muslim
8	16063120008	Syed Farhat Anjum	Impact of Land Use and Land Cover in Water Quality of Rambiara Stream	Dr.AasimahTanveer
9	160631200010	Ashq Hussain Khan	Past Flood Awareness among People with regard to Disaster- A Case Study of Srinagar City	Dr.Moieza Ashraf
10	160631200012	Rukiya Bashir	Floristic Diversity of Different Forest Types in Dachigam National Park, Kashmir Himalayas, India	Prof.A.N. Kamili
11	160631200013	Mohmad Nadeem Khan	Isolation and Identification of Fungal Endophytes from ginkgo biloba (Tree of Life), an Exotic Species Found in Kashmir Valley	Prof.B.A. Ganai
12	160631200014	Urgain Spaldon	Ichthyofauna of Ferozpur Nalla of Kashmir Valley	Prof. Md. Niamat Ali
13	160631200015	Anayat Hussain	Fungal Diversity in the Soil of Retreating Thajwas Glacier	Dr.Ruqeya Nazir
14	160631200016	Junaid Farooq	An Assessment of Plankton Community of Panner Reservoir Tral, Kashmir Himalaya	Dr.Sami Ullah Bhat
15	160631200017	Tabsum	Macrophytic Diversity of Waskura Wetland	Dr.Arshid Jehangir



		Mohiuddin		
16	160631200018	Sarfraz Ahmad Rather	Spatial Temporal Reconstruction of Change in Paddy Cultivated Land in Kashmir Region from 1996 to 2017	Dr. Mohammad Muslim
17	160631200020	Farhana Azad	Spring Water Quality of District Shopian Kashmir	Dr.Aasimah Tanveer
18	160631200021	Nida Gulzar	Altitudinal Variation in Soil Organic Carbon Stock Along Shankar Acharaya Hill	Dr.Moieza Ashraf
19	160631200022	Insha Jan	Vegetation Characterisation of Four Forest Compartments in Tangmarg Forest Division	Dr.Kaiser Manzoor
20	160631200023	Roohi Gul	Estimation of Biomass and Carbon Stock of Herbs and Shrubs in the Different forest types of Dachigam National park,Kashmir Himalaya, India	Prof. A.N. Kamili
21	160631200025	Nusrat Siraj	Carbon Sequestration Potential of Invasive <i>Anthemis Cotula</i>	Prof.B.A. Ganai
22	160631200026	Misbah	Population Structure and Ecology of Himalayan Monal (<i>Lophophorus Impejanus</i>)	Prof. Md. Niamat Ali
23	160631200027	Mehnaz Nazir	Bacterial Diversity in the Soil of Retreating Thajwas Glacier	Dr.Ruqiaya Nazir
M.Sc. Projects Batch- 2016 (Supplementary Shift)				
1	16063420001	Erum Mushtaq	Assessing Benthic Macroinvertebrate Diversity in Aripal Stream Tral Kashmir Himalaya	Dr Sami Ullah Bhat
2	16063420002	Asiya Rashid	Solid Waste Characterisation and its Impact along River Jhelum.	Dr. Arshid Jehangir
3	16063420003	Bisma Tariq	Geo spatial Monitoring of Spatial Temporal and Thematic changes in and around Gagribal Basin of Dal Lake	Dr. Mohammad Muslim
4	16063420004	Abdul Qayum Bahar	Water Quality Status of River Jhelum in District Bandipora, J and K	Dr.Aasimah Tanveer
5	16063420005	Farahat Saroosh	Soil Organic Carbon Stock under different Land Uses in Punchpora village of Anantnag District	Dr.Moieza Ashraf
6	16063420008	Shabnam Farooq	Wastewater Characteristics and its Impact along River Jhelum in Srinagar	Dr.Kaiser Manzoor
7	16063420009	Iqra Khurshid	Soil Nutrients Status in some selected Forest Ecosystem of Dachigam National Park of Kashmir Himalaya, India	Prof. A. N. Kamili
8	16063420010	Zaiema Rouf	Nutritional Value of some Wild Leafy Vegetables	Prof. B. A. Ganai
9	16063420011	Asif Maqbool Khan	Deposition and Mobilization of Fats during Sexual Development in Rainbow Trout	Prof. Md. Niamat Ali
10	16063420012	Nahida Majeed	Bacterial Diversity of Groundwater	Dr. Ruqeya Nazir
11	16063420013	Humaira Farooq	Assessment of Water Quality of Panner Reservoir, Tral, Kashmir	Dr Sami Ullah Bhat
12	16063420014	Nafiya	Impact of Vehicular Pollution on Roadside Vegetation in Srinagar city	Dr. ArshidJehangir
13	16063420015	Masarat Jan	Inherent Vulnerability of Agriculture of District Kupwara	Dr. Mohammad Muslim
14	16063420016	Mehnaz Mehmood	Spring Water Quality of Batapora Area, District Srinagar.	Dr. Aasimah Tanveer
15	16063420017	Bisma Rafi	Estimation of Soil Nutrients and Tree Biomass of Riverine Ecosystem of Dachigam National Park of Kashmir Himalaya, India	Prof. A. N. Kamili
16	16063420018	Misbah Masood	Study of Human-Wildlife Conflict in District Srinagar, Gandrbal and Bandipora.	Prof. B. A. Ganai
17	16063420019	Farman	Studies on the Maturity Stage in Ovary of <i>Schizothorax esocinus</i> .	Prof. Md. Niamat Ali
18	16063420020	Rafiya Showkat	Fungal Diversity of Groundwater	Dr.Ruqeya Nazir



19	16063420021	Masrat Jan	Study of Physio-Chemical Characteristics of Aripal Stream of Tral, Kashmir Himalaya	Dr. Sami Ullah Bhat
20	16063420022	Kullsooma Banoo	Comparative Noise Assessment of Rural and Urban Area in Kashmir Valley	Dr. Arshid Jehangir
21	16063420023	Saima Ayooob	Assessment of Waster Demands of Srinagar City using Water Evaluation and Planning System (WEAP) Model	Dr. Mohammad Muslim
22	16063420024	Valeed Ahmad Khan	Estimation of Tree Boimass in the Different Forest Types of Dachigam National Park	Prof. A.N. Kamili
23	16063420025	Ab Waheed Teely	Study of Human-Wildlife Conflicts in District Shopian and District Pulwama, Kashmir	Prof. B.A. Ganai
24	16063420026	Saira Manzoor	Current Status and Strategies of Oncorhynchus nykiss (Rainbow Trout) Farming in Kashmir Valley.	Prof. Md. Niamat Ali
25	16063420027	Arshid Ahmad Shah	Phytosociological Study of Riparian Vegetation along the Dagwan stream in Dachigam National Park of Kashmir Himalaya, India	Prof. A.N. Kamili
26	16063420028	Mohamad Asif Chouhan	A Preliminary Study on the use of Traditional Medicines in Tehsil Karna of District Kupwara (J&K)	Prof. B. A. Ganai
M.Sc. Projects Batch- 2017				
1	17063120001	Uzma Manzoor	Impact of Environmental Education on Students behaviour, attitude, knowledge and awareness about environmental issues in district Srinagar	Prof. A. N. Kamili
2	17063120002	Najma Majeed	A preliminary study into usage of traditional medicine in pattan	Prof. B. A. Ganai
3	17063120003	Zakir Hussain Shah	Biomedical Waste Management Awareness and Practices in District Kulgam Hospitals	Prof. Md. Niamat Ali
4	17063120004	Romesa Ashraf	Awareness on the role of microbes in the environment among the students of cluster university, Srinagar	Dr. Ruqeya Nazir
5	17063120005	Mohammad Younis Dar	Water quality assessment and preliminary inventory of springs in Beerwah tehsil	Dr. Sami Ullah Bhat
6	17063120006	Showkat Ahmad Lone	Solid waste generation and public perception in Ganderbal District of J&K	Dr. Arshid Jehangir
7	17063120007	Fiaz Rahi	Assessing socioeconomic vulnerability of flood affected villages of District Anantnag	Dr. Mohammad Muslim
8	17063120008	Sumaya Gul	Solid waste generation and public perception in Rural areas of District Budgam	Dr. Asimah Tanveer
9	17063120009	Sayimah Nabi	Awareness among people with regard to disasters -A case study of district kupwara	Dr. Moieza Ashraf
10	17063120010	Nazia Akhtar	Early 21st century glacier changes in Suru Basin using earth observation data	Dr. Mohammad Irshad Rather
11	17063120011	Afshana Ashraf	Impact of Environmental Education on Students behaviour, attitude, knowledge and awareness about environmental issues.	Prof. A.N. Kamili
12	17063120012	Muzamil Ahmad Zargar	Usage of Medicinal Plants as Folklore claims in Shopian District (J&K)	Prof. B.A. Ganai
13	17063120013	Soha ul Islam	Biomedical Waste Management Awareness in District Anantnag Hospitals	Prof. Md. Niamat Ali
14	17063120014	Amir Hamid	Incidence and prevalence of waterborne diseases among Jhelum dwellers (Tehsil- Hajin District- Bandipora)	Dr. Ruqeya Nazir
15	17063120015	Bilal Ahmad Sheikh	Study of water quality characteristics of springs from tehsil Kangan, District Ganderbal.	Dr. Sami Ullah Bhat
16	17063120016	Aadil Raja	Household Survey of solid waste generation and behaviour in Hazratbal area of Srinagar city	Dr. Arshid Jehangir
17	17063120017	Samina Hamid	Assessing the impact of climate change on seasonally altering dominance of atmospheric circulation(NAO/ Western Disturbance and ISM) in Kashmir region	Dr. Mohammad Muslim
18	17063120018	Kounsar Parveen	Solid waste generation and public perception in an	Dr. Asimah Tanveer



			urban area.	
19	17063120019	Mukhtar Ahmad Malik	Influence of Habitat structure on Avifaunal diversity in Riparian Habitat of Dachigam National Park, Kashmir	Dr. Moieza Ashraf
20	17063120021	Faisal Mir	Early Snowfall Outbreak in the Lolab Valley- A socioeconomic perspective.	Dr. Mohammad Irshad
21	17063120022	Najma Akhter	Impact of environmental education on students behavior, attitude, knowledge and awareness about environmental issues in district Baramulla	Prof. A.N. Kamili
22	17063120023	Siyadat Farooq	Exploration of ethno-medicinal knowledge among rural communities of District Baramulla, Jammu and Kashmir, India.	Prof. B.A. Ganai
23	17063120024	Youns Ali Teli	biomedical waste management awareness in district Ganderbal Hospitals	Prof. Md. Niamat Ali
24	17063120025	Tabassum Bhat	Awareness on the role of microbes in the environment among the students of Kashmir University, Srinagar	Dr. Ruqeya Nazir
25	17063120026	Jasarat Shabir Wani	Assessment of Water Quality and Public Perception about springs; A case study of Tehsil Khansahib, District Budgam.	Dr. Sami Ullah Bhat
26	17063120027	Asif Ali	Household survey of solid waste generation and public attitude in Hawal area of Srinagar city.	Dr. Arshid Jehangir
27	17063120028	Sajad Ahmad	Analysing climate Extreme Indices over Qazigund from (1974-2017) using Rclimex Model.	Dr. Mohammad Muslim
M.Sc. Projects Batch- 2018				
01	18063120002	Mr. Hazeem Qadri	Coparative study on Ecology of Hokersar Wetland, Kashmir	Prof. Fayaz Ahmad
02	18063120003	Ms. Sumaira Maqbool	Floods in Kashmir: Assessing Management Framework, Present and Past Perspective	Dr Sami Ullah Bhat
03	18063120005	Mr. Danish Anjum	Winter PM2.5 concentartion in District Baramulla	Dr. Arshid Jehangir
04	18063120006	Ms. KulsoomaWali	Assessing Carbon Footprint Across Various Sectors Among Rural Communities of District Baramulla	Dr. Mohammad Muslim
05	18063120007	Ms. Insha Younis Bazaz	Assessment of Ground Water Quality of Pulwama and Anantnag District	Dr Aasimah Tanveer
06	18063120008	Mr. Mohamad Arsalan Bhat	People's Perception on Climate Change and its Indicators in District Kupwara	Dr.Moieza Ashraf.
07	18063120009	Mr. Arshid Ramzan	Corporate Social Responsibility in IGC Lassipora: An Environmental Perspective	Dr. Mohammad Irshad
08	18063120010	Ms. Safoora Rasheed Thokroo	Comprehensive Assessment of the Trophic Status of Dal Lake	Dr. Shamsul Haq
09	18063120011	Ms. Aabida Parveen	Factorial Analysis of Agriculture and other Economic Resources in Magam Zone along with impact of Agriculture on the environment	Prof. Fayaz Ahmad
10	18063120012	Mr. Adnan Rashid Lone	Evaluating the Socio-economic and e nvironmental Impacts of Sand Mining on River Health: A Case Study of Jehlum Ecosystem in Srinagar District	Dr. Sami Ullah Bhat
11	18063120013	Ms. Muneeza Shakeel	Ecological Footprint of U r b a n Households of District Srinagar vis-a-vis COVID-19	Dr. Arshid Jehangir.
12	18063120014	Ms. Jasif Gull	Geospatial Approach to Explore Potential of Rooftop Rain Water Harvesting to Promote Sustainable Water Management in District Anantnag	Dr. Mohammad Muslim
13	18063120015	Ms. Shaista Qadir Lone	Ground Water resources of Kashmir Valley- A Review	Dr. Aasimah Tanveer
14	18063120016	Mr. Shabir Ahmad Magray	Impact of Brick Kilns on Health Status of Residents of Chandpora village in District Budgam	Dr. Moieza Ashraf
15	18063120018	Ms. Lubna Rashid	Analysing Srinagar Smart City – A Multi Dimensional	Dr. Mohammad



		Khan	Approach (Technology, People and Institutions)	Dr. Mohammad Irshad
16	18063120019	Mr. Umer Aziz	Comparative Assessment of Macrophytes in Dal and Wular lake	Dr Shamsul Haq
17	18063120020	Mr. Sajid Nawaz	Agricultural Resources of Kishtwar and environmental impact on it with special reference to Saffron	Prof.Fayaz Ahmad
18	18063120021	Ms. Salma Yousuf	EIA in India - A Critical Study of Law, it's Amendments and Policy	Dr Sami Ullah Bhat
19	18063120022	Ms. Maroof-un-Nisa	Impact of Brick Kilns Soil Mining on Soil Resource in district Budgam	Dr. Arshid Jehangir
20	18063120023	Ms. Misbah-ul-Jannah	Multi-time Frame Analysis to Understand Climatic Change in Different Physiographic Divisions of Kashmir Valley	Dr. Mohammad Muslim
21	18063120024	Ms. Sameena Rashid	Water Footprint of Dal Lake	Dr. Asimah Tanveer
22	18063120025	Ms. Saima Hassan	Farmers Perception on Pesticide Use Patterns in Apple orchards of District Shopian	Dr Moieza Ashraf
23	180063120026	Mr. Ikhtlaq Majeed	Biomedical Waste Amid Covid-19: An Outlook from Srinagar, Kashmir	Dr.Mohammad Irshad
24	180063120027	Mr. Abid Hussain Rather	Ecological Footprint of rural Households of District Ganderbal	Dr. Arshid Jehangir
M.Sc. Projects Batch- 2019				
1	19063120001	Ms. Suraiya Mushtaq	Ecology of Anchar wetland	Prof. Fayaz Ahmad
2	19063120002	Ms. Ruqaya Ahad	Impact of Covid-19 on higher education	Dr. Sami Ullah Bhat
3	19063120003	Mr. Jawhar Rasool	Analysis of Forest Ecosystem services in Sukhnag Forest range	Dr. Arshid Jehangir
4	19063120005	Mr. Sahil Fayaz	Scenario of solid waste management from houseboats in Dal Lake	Dr. Aasimah Tanveer
5	19063120006	Ms. Tabasum Yousuf	A study of disaster awareness & preparedness among literate population in Kashmir	Dr. Moieza Ashraf
6	19063120007	Mr. Gulam Mustafa Mir	Fish kill in fresh water bodies: A critical analysis	Dr. Mohammad Irshad
7	19063120008	Mr. Zahoor Ahmad Dar	Environmental Impacts of pesticides and possible solutions	Dr. Shamsul Haq
8	19063120009	Jehangir Nabi	A study of drivers of Saffron production decline and its impact on Saffron growers of Tehsil Pampore	Prof. Fayaz Ahmad
9	19063120010	Mr. Jaweed Iqbal Teeli	Evaluating the socio-economic & environmental impacts of mining on river health: A case study of Jehlum ecosystem in south of Kashmir Himalayas	Dr. Sami Ullah Bhat
10	19063120011	Ms. Zullaly	Spatiotemporal variation in Macrophytic diversity and distribution in lakes of Kashmir	Dr. Arshid Jehangir
11	19063120012	Ms. Fayzana Shabnam	Assessing trends in climate aridity using time series of meteorological data across Kashmir	Dr. Mohd. Muslim
12	19063120013	Ms. Arjumand Altaf	Health assessment and perception of people exposed to brick kiln emission	Dr. Aasimah Tanveer
12	19063120014	Mr. Adil Ayoub Thoker	Carbon sequestration assessment in forests of India	Dr. Moieza Ashraf
13	19063120015	Mr. Ali Murtaza	Lakes Management: New techniques and tools	Dr. Mohd. Irshad
14	19063120016	Mr. Baber Bashir	Socio economic and Occupational health hazards of Sand mining: A case study of River Sindh in Ganderbal District	Dr. Shamsul Haq
15	19063120017	Mr. Umer Mukhtar	Projecting future landuse changes using methods of landuse change evaluation (Molusce) for Srinagar city.	Dr. Mohd. Muslim
16	19063120018	Ms. Syeda Rafia Ali	Implication of Indus Water Treaty on the development of hydropower in Jammu and Kashmir	Dr. Sami Ullah Bhat



17	19063120019	Ms. Mehak Amin	Ecological assessment of Soils in Kashmir	Dr. Arshid Jehangir
18	19063120020	Mr. Naeem Imtayaz	Effect of Climate change on the surface water fluctuations of selected high altitude lakes of Kashmir Himalayas	Dr. Mohd. Muslim
19	19063120021	Mr. Aamir Nazir Lone	Economic valuation of wetland Ecosystem services using direct use values: A case study on Anchar wetland.	Dr. Aasimah Tanveer
20	19063120022	Mr. Mohmad Latif Mir	Locust outbreak: A case study of locust swarm in Indian subcontinent	Dr. Moieza Ashraf
21	19063120023	Ms. Toiba Hassan	Covid-19 and Environment: Positive and Negative dimensions	Dr. Mohammad Irshad
22	19063120024	Mr. Jalal Ahmad Dar	Environmental Impacts of chemical fertilizers and possible solutions	Dr. Shamsul Haq
23	19063120025	Ms. Asiya Parveen	Traditional environmental friendly best practices in Kashmir	Prof. Fayaz Ahmad
24	19063120026	Mr. Danish Hussain Ganie	Evaluating the socio-economic & environmental impacts of sand mining on river health: A case study of Jehlum Ecosystem in south of Kashmir Himalaya	Dr. Sami Ullah Bhat
25	19063120027	Mr. Arifan Ali	Ecological characteristics of river ecosystems in Kashmir Himalayas	Dr. Arshid Jehangir
M.Sc. Projects Batch- 2020				
01	20063120001	Sohail Mohammad Mir	Farmers perception on pesticides use patterns and its impact on Apple orchards of District Baramulla	Prof. Fayaz Ahmad
02	20063120002	Zubair Hassan	Inventory and water quality assessment of fresh water springs Tehsil Budgam	Dr. Sami Ullah Bhat
03	20063120003	Irtiza farooq	Variation in Physico-chemical characteristics of roadside soil along different altitudes of Gulmarg highway	Dr. Arshid Jehangir
04	20063120004	Zahid Wani	Geospatial approach for combining hazard, vulnerability and risk for better flood risk management of District Kulgam, Kashmir division	Dr. Mohammad Muslim
05	20063120005	Afreen Khurshid	Inventory and water quality assessment of freshwater springs of tehsil Ganderbal and Wakoora of Ganderbal District, Kashmir	Dr. Sami Ullah Bhat
06	20063120006	Salman Sahil Shah	Environmental behaviour, attitude and awareness of college students of District Kupwara	Dr. Moieza Ashraf
07	20063120007	Amir Yousuf	Early snowfall outbreak in the Shiopian District: A-socioeconomic perspective	Dr. Mohammad Irshad
08	20063120008	Saika	Health impact assessment of residents living near Achan Landfill site	Dr. Shamsul Haq
09	2006310009	Aqsa Shanawaz	Environmental Awareness, Attitude and Behavior among college Students of District Shopian and district Pulwama	Prof. Fayaz Ahmad
10	20063120010	Rutba Tanveer	Inventory and water quality assessment of freshwater springs of tehsil Lar and Gund of Ganderbal District, Kashmir	Dr. Sami Ullah Bhat
11	20063120011	Ifra mehraj	Variation in Physico-chemical characteristics of roadside soil along different altitudes of Sinthan top	Dr. Arshid Jehangir
12	20063120012	Midhat shabir	Soil moisture estimation using (SMAP) Active passive Remote sensing in Kashmir Valley	Dr. Mohammad Muslim
13	20063120013	Huma Khurshid Wani	Inventory and water quality assessment of freshwater springs of tehsil Kangan and Tulumulla of Ganderbal District, Kashmir	Dr. Moieza Ashraf
14	20063120014	Mehnaz Mushtaq	Occupational health risks among selected cement factory workers of khrew area in district Pulwama	Dr. Mohammad Irshad
15	20063120015	Shahnaza Akhter	Understanding food waste behaviour in Kashmir university students Role of attitude, morals and knowlwdge	Dr. Shamsul Haq



16	20063120016	Muzafar ahmad mir	Carbon stock in different social forestry plantations in district Kulgam	Prof. Fayaz Ahmad
17	20063120017	Tasleema Rashid	Occupational hazards and health problems among sawmill workers in District Pulwama	Dr. Sami Ullah Bhat
18	20063120018	Waqar Ahmed Bhatii	Inventory and water quality assessment of freshwater springs of Chadoora Budgam	Dr. Arshid Jehangir
19	20063120019	Nabeel Naqati	Assessment of traffic noise exposure levels in Srinagar city	Dr. Moieza Ashraf
20	20063120021	Raashid Ahmad Wani	Remote sensing image based analysis of urban heat island effect in selected towns in Kashmir region	Dr. Mohammad Muslim
21	20063120022	Nazish fatima	Inventory and water quality assessment of freshwater springs of District Srinagar	Dr. Sami Ullah Bhat
22	20063120023	Asra Assad	People's perception on conversion of Agricultural land: A case study in district Ganderbal	Dr. Moieza Ashraf
23	20063120024	Asif fayaz	Lake management: new techniques and tools	Dr. Mohammad Irshad
24	20063120026	Mehpara yousuf	Assessment of soil characteristics along different land uses in Himalaya landscapes of District Kupwara, Kashmir	Dr. Shamsul Haq
25	20063120027	Misbah Bilal	Farmers perception on pesticide use patterns and its impact in Apple orchards of District Kulgam	Prof. Fayaz Ahmad
M.Sc. Projects Batch- 2021				
1.	21063120001	Anleeb Riyaz	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
2.	21063120002	Samreena Farooq	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
3.	21063120003	Tabina Manzoor	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
4.	21063120004	Mehnaz Muzaffar	Anomalies analysis from high resolution gridded temperature and precipitation observations over Ladakh region	Dr. Mohd. Muslim
5.	21063120005	Gull Badin Naik	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
6.	21063120006	Shaista Khaliq	Examining environmental responsible behaviour of tourists at Gulmarg: A path towards sustainable tourism	Dr. Shams UI Haq
7.	21063120007	Shabnum Shafi	Assessment of slaughter house waste water characteristics in Kashmir valley	Dr. Shams UI Haq
8.	21063120008	Najeeba Jhan	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
9.	21063120009	Aabid Hussain	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
10.	21063120012	Nighat Hassan	Assessment of commuters choices for sustainable transport to mitigate air pollution	Dr. Arshid Jehangir
11.	21063120015	Shahid Ul Salam	Anomalies analysis from high resolution gridded temperature and precipitation observations over Kashmir region	Dr. Mohd. Muslim



12.	21063120016	Sabreena Akbar	Assessment of soil organic carbon stock under different land uses in Tehsil Alooosa of District Bandipora	Dr. Moieza Ashraf
13.	21063120017	Humaira Rafiq	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
14.	21063120018	Salma Shabir	Behavioural and Physiological impacts of mobile phone usage in university students	Dr. Shams Ul Haq
15.	21063120019	Zakir Hussain Ganie	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
16.	21063120020	Amir Khan Pathan	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
17.	21063120021	Tabasum Qadir	Assessment of noise induced possible health implications in urban landscape of Srinagar city	Dr. Arshid Jehangir
18.	21063120022	Amina Bano		Deceased
19.	21063120023	Sadiqa Aslam	Inventory and water quality assessment of freshwater springs	Dr. Moieza Ashraf
20.	21063120024	Muntazir Ahmad	Inventory and water quality assessment of freshwater springs of tehsil, Shopain Keegam, Zanapora and Barbugh of Shopain District	Dr. Sami Ullah Bhat
21.	21063120025	Syed Iram Andrabi	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
22.	21063120026	Aurva Batool	Natural dyeing of Pashmina using <i>Alium cepa</i> L. peel from food waste	Dr. Gazala Qazi
23.	21063120027	Rasikha-tu-Nisa	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
24.	21063120028	Maheena Reyaz	Understanding the public perception, awareness and satisfaction towards e-vehicle mode of transportation in Srinagar city	Dr. Arshid Jehangir
25.	21063120030	Mehak Javid	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
26.	21063120031	Sonobar Hassan	Assessment of soil organic carbon stock under different land uses of Tehsil Kupwara	Dr. Moieza Ashraf
27.	21063120032	Asiya Amin	Inventory and water quality assessment of freshwater springs	Dr. Sami Ullah Bhat
M.Sc. Projects Batch- 2022				
1.	22063120001	Hafsa Rashid	Inventory and water quality at assessment of freshwater springs of Tehsil Wagoora, Kreeri and Pattan of Baramulla District, Kashmir	Dr. Sami Ullah Bhat
2.	22063120002	Shaista jabeen	Study of periphytic algal composition and trophic status index of some springs of Baramullah District, Kashmir	Dr. Sami Ullah Bhat
3.	22063120003	Saima Shafi	Assessment of Soil Quality in Diverse Land Use Types in Telbal Catchment of Dal Lake	Dr. Arshid Jehangir
4.	22063120004	Iqra Muzaffar	Noise zonation mapping of district Srinagar	Dr. Mohammad Muslim
5.	22063120005	Sajad Ahmad Dar	People's perception on land use land cover conversion:	Dr. Moieza Ashraf



			A case study of District Budgam	
6.	22063120006	Umar Afshan	Inventory and water quality assessment of freshwater springs of Tehsil Watergam, Dangiwachha and Rohama of district Baramulla	Dr. Sami Ullah Bhat
7.	22063120007	Aneesa Jan	Assessment of noise exposure and annoyance among students and teachers in school of district Pulwama	Dr. Shamsul Haq
8.	22063120008	Saqib Nisar Dar	Extraction and application of natural dye from Beetroot (<i>Beta vulgaris</i> L.) peel on Pashmina fabric	Dr. Gazala Qazi
9.	22063120009	Furqan Bashir	Assessment of algal composition and trophic status index of some springs of District Baramulla	Dr. Sami Ullah Bhat
10.	22063120011	Suraya Gulshan	Assessment of waste water and its impact along river Jehlum in Srinagar city	Dr. Arshid Jehangir
11.	22063120012	Suhail Ahmad Bhat	Analysing the dynamics of landuse change in the erstwhile State of Jammu and Kashmir from 2011 to 2016	Dr. Mohammad Muslim
12.	22063120013	Rifat Ara	Inventory and water quality assessment of freshwater springs of Tehsils Ramhal, Langate and Qaziabad of District Kupwara Kashmir Himalaya	Dr. Sami Ullah Bhat
13.	22063120015	Nadiya Bashir	Ecofriendly dyeing of Pashmina fabric using almond shells as effective waste management	Dr. Gazala Qazi
14.	22063120016	Mehvish Hameed	Economic analysis of fish farming in District Anantnag, Jammu & Kashmir	Dr. Shamsul Haq
15.	22063120017	Heeliya Liyaqat	Study of periphytic algal composition and trophic status index of some springs of Kupwara District	Dr. Sami Ullah Bhat
16.	22063120018	Afsana Naz	Inventory and water quality assessment of freshwater springs of Tehsil Boniyar and Uri of district Baramulla	Dr. Sami Ullah Bhat
17.	22063120020	Mehnaza Yousuf	Farmers perception on climate change and its impacts on agriculture: a case study of District Anantnag	Dr. Moieza Ashraf
18.	22063120021	Rabia Quyoom	Natural dyeing of pashmina fabric using waste derived orange peel	Dr. Gazala Qazi
19.	22063120023	Snobar Mushtaq	Inventory and water quality assessment of freshwater springs of Tehsil Kunzar, Tangmarg and Pattan of district Baramulla	Dr. Sami Ullah Bhat
20.	22063120024	Umaiya Mukhtiyar	Study of periphytic algal composition and trophic status index of some springs of Kupwara district	Dr. Sami Ullah Bhat
21.	22063120025	Heeba Hameed	Assessment of disposal of solidwaste along the banks of river Jehlum in Srinagar City	Dr. Arshid Jehangir
22.	22063120026	Ifra Manzoor	Teleconnection patterns and their impact on precipitation variability in Kashmir region	Dr. Mohammad Muslim
23.	22063120027	Affifa Manzoor	People's perception on land use conversion: A case study of District Pulwama	Dr. Moieza Ashraf
24.	22063120028	Rehana Bashir	Inventory and water quality assessment of freshwater springs of Tehsil Drugmulla, Zachaldara and Handwara district of Kupwara	Dr. Sami Ullah Bhat
25.	22063120029	Habsa Nazir	Assessment of noise exposure and annoyance among students and teachers in schools of district Budgam	Dr. Shamsul Haq
M.Sc. Projects Batch- 2023 ongoing 4th Semester				
1.	23063120001	Qurat Un Nisa	Economic evaluation of the fish resource and Trapa natans in Wular Lake, Kashmir.	Dr. Sami Ullah Bhat
2.	23063120002	Seema Khursheed	Groundwater quality assessment in high elevations aquifers	Dr. Arshid Jehangir
3.	23063120003	Sameena Akhter	Predicting climate analogues for Kashmir under future climate projections	Dr. Mohammad Muslim
4.	23063120004	Shaheryar H. Khan	Effect of different potting mixture on the propagation and survival of <i>Jasminum nudiflorum</i> Lind.	Dr. Gazala Qazi
5.	23063120005	Rifat Ara	Analyze concentration of heavy metals in vegetables sold in srinagar markets and health risk to humans from their consumption	Dr. Shamsul Haq



6.	23063120007	Atif Bashir	Climate migration: the case of changing pastoral movements in Jammu and Kashmir.	Dr. Javaid M Dad
7.	23063120009	Taayaba Reyaz	Crenic biodiversity of some spring ecosystems of South Kashmir	Dr. Mohd. Sharjeel Sofi
8.	23063120010	Rizwan Hamid	Phytosociology and bathemetry assessment of Shalabug wetland	Dr. Arshid Jehangir
9.	23063120011	Aadil Hussain Bhat	Integrating Lithologies for 3D Aquifer Modelling and Groundwater Flow Prediction using Lithology in Kashmir Valley	Dr. Mohammad Muslim
10.	23063120012	Milad Ahmed	Exploring Awareness, Concerns and Behavioral Dynamics of Plastic Pollution Among University Communities	Dr. Gazala Qazi
11.	23063120013	Rikza Nazir	Analyse heavy metal concentration in selected vegetables and health risks to humans posed by their consumption	Dr. Shamsul Haq
12.	23063120014	Tuba Naqshbandi	Evaluating ecosystem services of greenspaces in srinagar city.	Dr. Javaid M* Dad
13.	23063120017	Yasir Qurashi	Cenic biodiversity of some spring ecosystems of central Kashmir	Dr. Sami Ullah Bhat
14.	23063120020	Hadi Murtaza Tak	Ecosystem services of Shalabug wetland	Dr. Arshid Jehangir
15.	23063120021	Sumila Fayaz	Understanding climate velocity at regional scale in northwest Himalayas	Dr. Mohammad Muslim
16.	23063120023	Nusrat Fateh	Socioeconomic impacts of kishanganga hydroelectric project on the communities of Mastan khopri and Badwan of the Gurez valley	Dr. Gazala Qazi
17.	23063120024	Iqrah Nazir	Risk assessment of heavy metal contamination in vegetables sold in Srinagar markets and their effect on human health.	Dr. Shamsul Haq
18.	23063120025	Nashmeen Showket	People's perspectives on ecosystem services of Urban Greenspaces in the Srinagar city.	Dr. Javaid M. Dad
19.	23063120027	Shagufta Manzoor	Cenic biodiversity of some spring ecosystems of North Kashmir	Dr. Mohd. Sharjeel Sofi
20.	23063120029	Kifayat Bashir	Sediment and water quality assessment of Shallabugh wetland	Dr. Arshid Jehangir
21.	23063120030	Umaiya Ayaz	Temporal Analysis Of Groundwater Fluctuations In Kashmir Valley Using Reduced level (RL).	Dr. Mohammad Muslim
M.Sc. Projects Batch- 2024 ongoing 1st Semester (TOPICS AND SUPERVISORS YET TO BE FINALIZED)				
1.	24063120001	Shabeena Sharief		
2.	24063120002	Zakir Hussain Khan		
3.	24063120003	Saiqa Nisar		
4.	24063120004	Lubna Farooq		
5.	24063120005	Humaira Manzoor		
6.	24063120006	Sheikh Tanzeel Hussain		
7.	24063120007	Waseem Irshad Dar		
8.	24063120008	Asma Binti Khursheed		
9.	24063120009	Istishada Maqbool		
10.	24063120010	Ravees Ahmad Ganie		
11.	24063120011	Sakeena Akhter		
12.	24063120012	Aamir Altaf Mughal		
13.	24063120013	Shahid ul Islam Sheikh		
14.	24063120014	Nighat Akhter		
15.	24063120015	Rasia Manzoor		
16.	24063120016	Zubair Ahmad Sheer Gojri		



17.	24063120017	Naseer Ahmad Kumhar		
18.	24063120018	Iqra Rashid		
19.	24063120019	Zuhaib Bashir		
20.	24063120020	Aswah Manzoor		
21.	24063120021	Mukhtar Iqbal		
22.	24063120022	Syed Moomina Tyub		
23.	24063120023	Maryam Jan		
24.	24063120024	Munazzah Jan		
25.	24063120025	Aqib Zahoor		
26.	24063120026	Ronaq Wali		
27.	24063120027	Areebah		



Snow fall in University Campus



Phamber Valley



Environmental Society

The idea of having Environmental Society got simultaneously fructified with the establishment of Department of Environmental Science in 2000 with the sole mandate of working for the cause of environment.

Aims and Objectives

- To promote and encourage study and enhance knowledge regarding environmental protection
- To understand and appreciate of nature the principle and practice of Environmental protection in society
- To promote and maintain liaison between various disciplines of science and technology related to environment.
- To establish and maintain contacts with various departments of State Government and Central Govt, National and Regional organizations or any other Agency/NGO in the interests of mandate of society.
- To advise, suggest and recommend the State Government, Union Government or any other Department/organization on matters related to environment, in the interest of public at large.
- To organise, support or collaborate conferences, seminars, symposia, meetings, training programmes, cleanliness drives and sanitation awareness, popular lectures, Panel discussion, etc to promote education and awareness on issues related to development of natural resources and conservation of environment.
- To publish articles, opinions, briefs, books, proceedings, journals, newsletters or bulletins and such other, as may be found desirable to promote better understanding of environmental issues in public interest and scientific temper in matters related to natural resources and environment.
- To promote research on science, technology and environment for sustainable development.
- To do all such things and activities which may be important, related and beneficial to the accomplishment of all or any specific objectives of the Society.



Photogallery of Different Batches from the Department



Batch 2001



Batch 2002



Batch 2004



Batch 2006



Batch 2007



Batch 2008



Batch 2009



Batch 2010



Batch 2011



Batch 2012



Batch 2013



Batch 2014



Batch 2015



Batch 2016



Batch 2017



Batch 2018



Batch 2019



Batch 2020



Batch 2021



Batch 2022

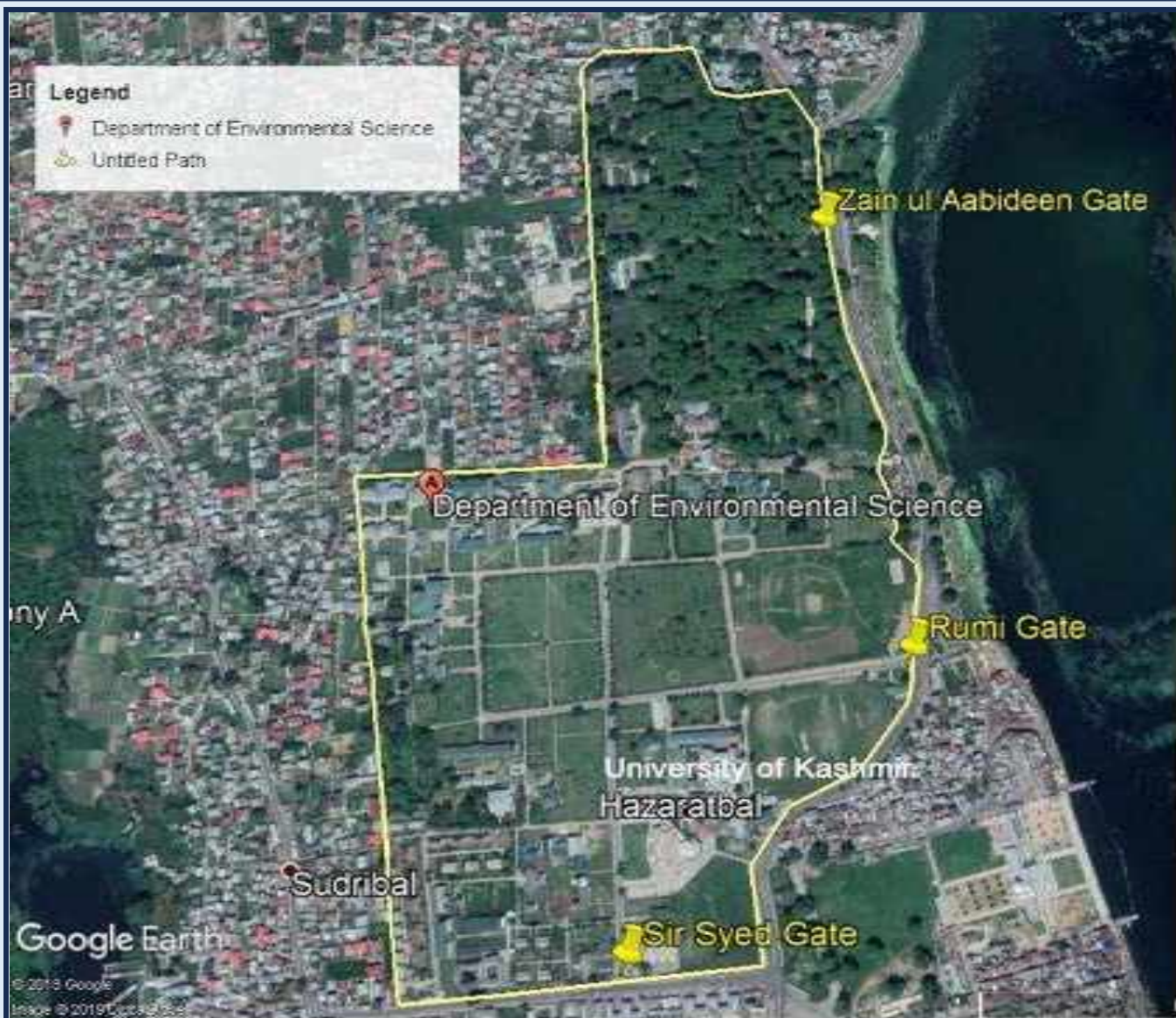


Batch 2023



Batch 2024

THE JOURNEY CONTINUES



Contact Information

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