

Department of Environmental Science (SKC GDC Poonch)



Department Email ID
evsskcgdcpoonch@gmail.com

1. About the Department

The Department of Environmental Studies was established in 2006 to promote environmental awareness and strengthen understanding in the emerging field of environmental science. It is one of the distinguished departments of S.K.C. Government Degree College Poonch.

The department was set up following the University of Jammu's directive to introduce Environmental Studies as a compulsory subject, in line with the Supreme Court's 1991 ruling mandating environmental education at all levels, from schools to universities.

With the implementation of the Choice Based Credit System (CBCS), the subject became compulsory in the 1st and 2nd semesters for all courses and was offered as a Skill Enhancement Course (SEC) in the 3rd to 6th semesters.

Under the New Education Policy (NEP-2020), the college now offers Environmental Studies as a Value Added Course (VAC) in the 1st and 2nd semesters, as a Skill Enhancement Course, and Multidisciplinary Course in the 1st, 2nd, and 3rd semesters—ensuring broader access and academic flexibility.

Vision

1. To build a prosperous, equitable society living in harmony with nature through quality environmental education.
2. To foster environmental consciousness, sensitisation, sustainable living, and responsible stewardship.
3. To promote innovative thinking, skills, and a strong research culture, especially on the fragile Himalayan region.
4. To introduce **Environmental Science as a Major and Minor subject** for broader academic and multidisciplinary learning.
5. To advance environmental research and expand environmental awareness through education and outreach, including National and International conferences, workshops, seminars, quiz competitions, awareness programs etc.

Mission

- To impart quality environmental education for better tomorrow.
- Providing leadership in environmental management, conservation and protection towards sustainability for the benefit of the, state, country and the global community.
- To transform science and serve society by educating, creating and putting knowledge to work with excellence.
- To train students to think about the broad issues and their solutions of environment.
- Prepare students with positive and healthy attitudes towards environment.
- Imparting the education for environmental awareness in our society

TEACHING – LEARNING PROCESS

Formal lectures

Hands on study and experiments of useful practical equipments

Knowledge of industrial culture through the specialists

Guest Speakers

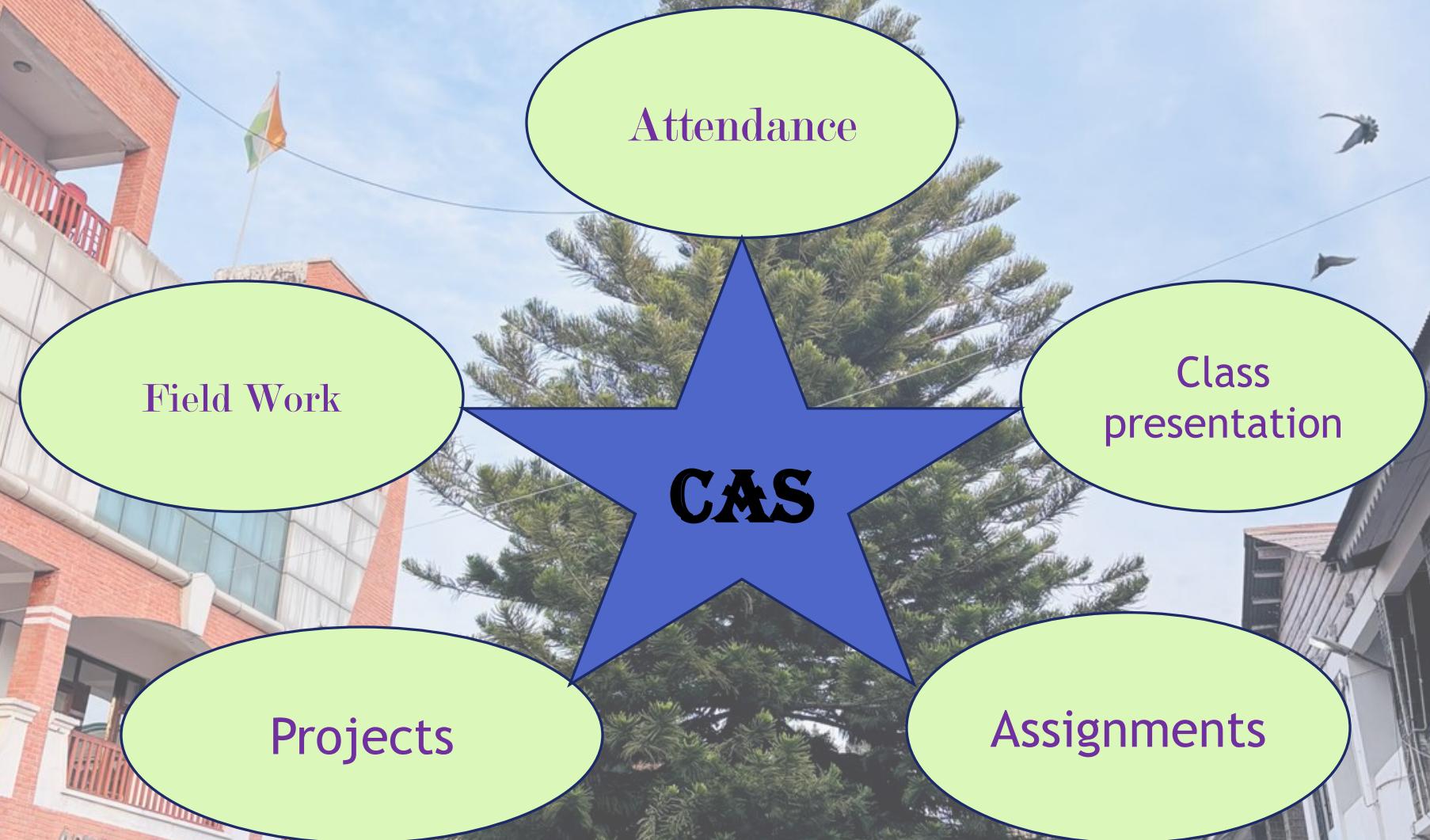
**TEACHING
LEARNING PROCESS**

Facilitated Group Discussions and team work

Assignments

Power-point presentations lectures by students

CONTINUOUS ASSESSMENT SYSTEM



b. Faculty Profile

Dr. Imtiaz Ahmed (Assistant Professor)

Dr. Imtiaz Ahmed is an Assistant Professor and the **Head of the Department of Environmental Science**. He holds his Ph.D. in Environmental, Earth, and Atmospheric Sciences from **CSIR–National Physical Laboratory (NPL), New Delhi, India's National Metrology Institute** and a premier research institution under the Ministry of Science & Technology, Government of India. His doctoral work on the topic “Physicochemical characterisation of atmospheric particles over Jammu & Kashmir and Ladakh” provides valuable insights into air quality and atmospheric processes in the Western Himalayas. His research interests include atmospheric aerosols, air pollution, climate dynamics, cryosphere studies, and high-altitude environmental systems. Dr. Imtiaz completed his **M.Sc.** from **Central University of Jammu** and **B.Sc.** from the **University of Jammu**, and has qualified major national examinations, including **UGC-NET JRF, IIT-GATE, ICAR-NET, and JK-SET**. As an educator and researcher, he is committed to a strong academic and research culture that promotes critical thinking, scientific inquiry, and interdisciplinary learning. Under his leadership, the department is strengthening academic programs, expanding research collaborations, and addressing key environmental challenges at local to global scales. Dr. Imtiaz's work and teaching reflect his dedication to environmental research, sustainability, and inspiring students toward building a resilient and healthy planet.



b. Faculty Profile

Ms. Zeenat Mir

(LECTURE ENVIRONMENTAL SCIENCE)

- M.Sc. in Environmental Science from University of Jammu
- Area of interest: Ecology, Environmental impact assessment, Biodiversity and its management, Solid waste management.
- Exams Qualified: NET, JK-SET, DCA
- Email id: zeenatmir17@gmail.com



b. (ii & iii). Publications & Proceedings (Dr. Imtiaz Ahmed)

- Ahmed, Imtiaz, et al. "Variability of Carbonaceous Aerosols in Two Distinct Climatic Zones of the North-Western-Himalaya (India): An Expedition during Summer 2022." *Indian Journal of Pure & Applied Physics* 63.3 (2025).
- Ahmed, Imtiaz, et al. "Carbonaceous Particles over Two Different Climatic Zones of North-Western Himalaya (India): An Expedition During Summer 2022." *AGU Fall Meeting Abstracts*. Vol. 2023. No. 2215. 2023.
- Singh, Rishabh, Imtiaz, et al. "YAGYA: An Ancient Fire Ritual Practice of India for Sustainable Cloud Seeding." *AGU Fall Meeting Abstracts*. Vol. 2023. No. 7. 2023.
- Tanwar, Padma, Imtiaz, et al. "Physico-chemical Characterization of Particulate Matter with Varying Altitude in Typical Urban Environment over New Delhi." *AGU Fall Meeting Abstracts*. Vol. 2023. 2023.
- Ahmed, I., Mishra, S. K., Singh, R., & Padma. (2023). Three years (2019–21) study of aerosol optical depth (AOD), Angstrom exponent (AE) over Kashmir Valley (North-Western Himalaya). Proceedings of the Global Indian Young Scientists Research and Innovation Conference (Global Indian Young Scientists Research and Innovation Conference 2023).
- Ahmed, I., Mishra, S.K., Singh, R., Padma. “Satellite-based observation of AOD and Back-trajectory analysis of winds over Kashmir Valley (Akash Tattva, 2022)”.
- Hao, Y., Goel, V., Pandey, A., Kumar, A., Faisal, M., Ali, U., Upadhyay, Ahmed, I., A.K., & Khare, P., (2025, May). Tracking the Aging of Biomass Burning Organic Aerosols: Molecular Insights from Punjab’s Stubble Fires and Their Implications for South Asia’s Haze.

- Investigating the Effect of Anthropogenic Fire Ritual on Cloud Microphysics in Current Scenario: A Novel Study on Aerosol-Cloud Interaction -2025, R Singh, SK Mishra, AK Srivastava, V Patel, Imtiaz A, Padma (Indian Journal of Pure & Applied Physics, Vol. 64 N0.12 (2025).
- Padma, Mishra, S. K., Ahmed, I., & Singh, R. (2023). Physico-chemical characterization of PM with varying altitude in typical urban environment over New Delhi. Proceedings of the Global Indian Young Scientists Research and Innovation Conference (GI-YSRI 2023), 31 May–2 June 2023.
- Singh, R., Mishra, S. K., Patel, V., Ahmed, I., & Padma. (2023). Physicochemical characterization of Yagya particles. Proceedings of the Global Indian Young Scientists Research and Innovation Conference (GI-YSRI 2023), 31 May–2 June 2023.
- Characterization of Atmospheric Particles over Kashmir Valley and Ladakh: Implications for Environment & Climate in North-West Himalayas. (Oral and Poster presentation at India International Science Festivel-2025).
- International Conference on Environmental Science and Engineering-ICESE 2022 (Indian Institute of Technology Bombay, Mumbai).
- National Symposium on Energy, Environment, and Sustainable Development (EESD-20219), Central University of Jammu.
- National Conference on Climate Change, Societal Consequences and Mitigation: Future Vision (NCCCSCM-2018), Central University of Jammu.
- One Day Live-Symposium on Glacier Preservation, on the eve of World Water Day-2025 by Department of Environmental Sciences, University of Kashmir.

Presented research work on western-Himalayas S&T at India International Science Festival-2025

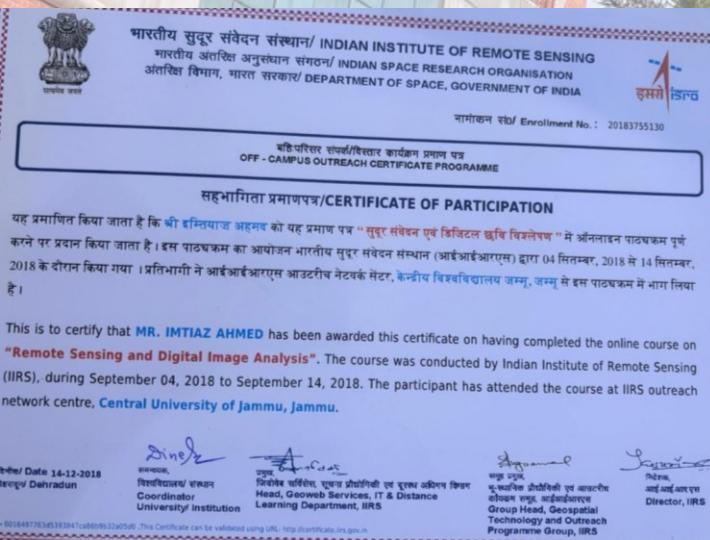


b (v).FDP/Short-Term course attended by (Dr. Imtiaz Ahmed)

Successfully attended 10 Days ICAR Short Training Course on "Entrepreneurship and Startup Opportunities in Entomology" organized by Division of Entomology, FoA, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu w.e.f. 19-28th February, 2025.



- Attended 10 days online course on “Remote Sensing and Digital Analysis” conducted by Indian Institute of Remote Sensing (IIRS) OF ISRO, Department of Space, Government of India.
- Attended 11 days training conducted by MSME- Development Institute, Jammu (GoI) on Entrepreneurship Development Programme at Govt. Gandhi Memorial Science College-Jammu from 18/09/2014 to 29/09/2014.
- Member of the Metrology Society of India, approved by the Executive Council of the Metrology Society of India.



This is to certify that **MR. IMTIAZ AHMED** has been awarded this certificate on having completed the online course on **“Remote Sensing and Digital Image Analysis”**. The course was conducted by Indian Institute of Remote Sensing (IIRS), during September 04, 2018 to September 14, 2018. The participant has attended the course at IIRS outreach network centre, **Central University of Jammu, Jammu**.

Date 14-12-2018
Dehradun

भारतीय सूर्य विदेशी संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

बहिःपरिवार रायपुर//दिसतार कार्यक्रम प्रसारण प्रभ

यह प्रमाणित किया जाता है कि वह इन्सियार्स अहसं को यह प्रमाण पत्र "सुरक्षा संबंध एवं विविध अन्य संबंध" में अनावान गाठकम पूर्ण करने पर द्रवण किया जाता है। इस पाठ्यक्रम का आयोग भारतीय सुरक्षा संबंध संघर्ष (आईएसीएस) द्वारा 04 दिसंबर, 2018 से 14 दिसंबर, 2018 के दौरान किया गया। प्रतिभागी ने आईएसीएस आर्टिलरी नेटवर्क सेटट, कंपनी विविध विविधान अमृत, जम्मू से इस पाठ्यक्रम में भाग लिया।

This is to certify that Mr IMAZ AHMED S/O SH. MOHD AZAM has undergone a training conducted by this Institute on ENTREPRENEURSHIP DEVELOPMENT PROGRAMME held at GOVERNMENT GANDHI MEMORIAL SCIENCE COLLEGE-JAMMU from 18/09/2014 to 29/09/2014.

During this period, his conduct and progress has been satisfactory.

Date 29/09/2014

 Virinder Sharma
Director

has been enrolled as Student Member of Metrology Society of India

Date of issue : November 2022
Valid upto October 2027


General Secretary

A circular library stamp with the text "STATE LIBRARY OF NEW SOUTH WALES" around the perimeter and a central emblem.

S M No : 437

Sineeh K. Aswali

1 (d). Former Teaching Faculty

Mr. Rayees Ahmad Ghani

(LECTURE ENVIRONMENTAL SCIENCE)

- M.SC, M.Phil. NET, SET In Environmental Science
- Area of interest : Environmental pollution, Ecology, Biodiversity and its management.
- Professional qualification in education. Bed
- Technical qualification. DIPLOMA IN COMPUTER APPLICATIONS (DCA) 1 year
- Email id : raisganaie1@gmail.com
- Phone no 9596431519
- Teaching experience : 05 years



Mr. Hilal Ahmed Dar

(LECTURE ENVIRONMENTAL SCIENCE)

- M.SC, M.Phil. In Environmental Science
- Area of interest: Ecology, Environmental impact assessment, Biodiversity and its management, Solid waste management.
- Professional qualification in education. Bed
- Email id : Gowardar393@gmail.com
- Phone no : 7051848559
- Teaching experience : 06 years



1(e & p). Alumni

Several candidates have qualified PG examination conducted by different Universities inside and outside Jammu and Kashmir. Since the inception of the Department, its success has been rising and has contributed overall academics and growth of the college.

Name of Candidate	Perusing Degree	University	College batch
Puneet Sharma	M.Sc. Environmental science	Jammu university	2021
Gulfaraz Ahmad	M.Sc. Environmental science	Delhi University	2021
Iqra Jabeen Mir	M.Sc. Environmental science	Baba Ghulam Shah badsaha University Rajouri	2021
Sonali Sharma	M.Sc. ENVIRONMENTAL SCIENCE	GURU NANAK DAV UNIVERSITY PUNJAB	2020

1 (h): Departmental Societies

Eco-Club under the Department of Environmental Science.



Eco-Club S.K.C G.D.C Poonch
(Department of Environmental Science)
S.K.C. Govt. Degree College Poonch



The following students have adopted various plants under the supervision of Dr. Imtiaz Ahmed (Assistant Professor and Head, Department of Environmental Science) at S.K.C. Government Degree College, Poonch. Each student will nurture and take care of their adopted plant for a period of two years.

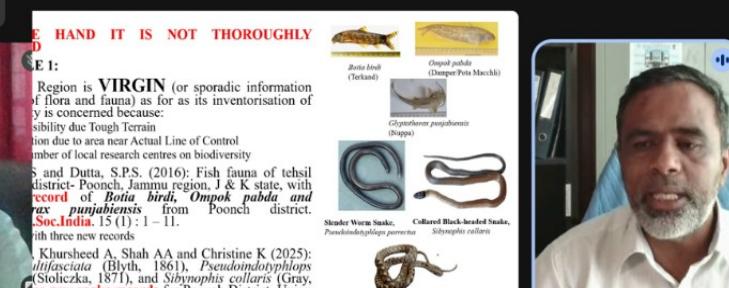
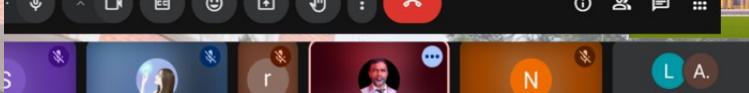
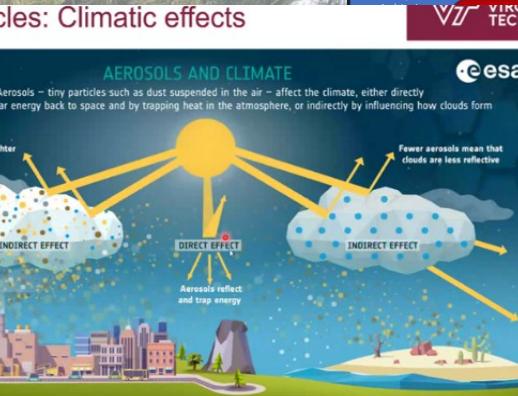
This initiative has been undertaken by the Department of Environmental Science, and the participating students will be honoured with Certificates of Appreciation and rewards on World Environment Day 2026.

Plant Number	Student Name	Major Subject/Semester	Mobile	Plant Name	Date of Planting	Date of Adoption
01	Shehzad Ahmed Bhatti	Zoology (1 st sem)		Bottle Brush	24/09/2025	07/10/2025
02	Saima Kouser	Political Science (1 st sem)		Weeping Willow	24/09/2025	07/10/2025
03	Sanna Sugra	History (3 rd sem)		Silver Oak	24/09/2025	07/10/2025
04	Naina Choudhary	Geography (1 st sem)		Bottle Brush	24/09/2025	07/10/2025
05	Firdouse Kouser	Geography (1 st sem)		Bottle Brush	24/09/2025	07/10/2025
06	Azhar Sheikh	Political Science (1 st sem)		Bottle Brush	24/09/2025	07/10/2025
07	Saqib	Political Science (1 st)		Silver Oak	24/09/2025	07/10/2025
08	Samina Kouser	History (1 st sem)		Weeping Willow	24/09/2025	07/10/2025
09	Summiya Choudhary	History (1 st sem)		Weeping Willow	24/09/2025	07/10/2025
10	Shazia Akhter	History (1 st sem)		Silver Oak	24/09/2025	07/10/2025
11	Adnan Sheikh	Political Science (3 rd)		Silver Oak	24/09/2025	07/10/2025

M. A. S.



1 (m). Departmental Seminars/Workshops/Conferences/Symposia/Debates/Quiz Competitions conducted





(m). Seminar (Hybrid Mode) on National Space Day-2024



Shri Alok Kumar (IRS)
Principal Secretary to
Government, Higher
Education Department,
J&K UT

COLLOQUIUM ::

"Touching Lives while Touching
the Moon: India's Space Saga"

ALL ARE CORDIALLY INVITED IN
NATIONAL SEMINAR (HYBRID MODE)
FRIDAY, 11:00 AM 23 AUGUST 2024
IN DEPT.OF PHYSICS



Prof. (Dr.) Sheikh Ajaz
Bashir
Director Colleges Higher
Education Department
J&K-UT

Co-Patron



Prof. (Dr.) Jasbir Singh
Principal
SKC GDC Poonch

Chief Guest



Prof.(Dr.) S.D. Sharma
Retd. Principal
JKHED

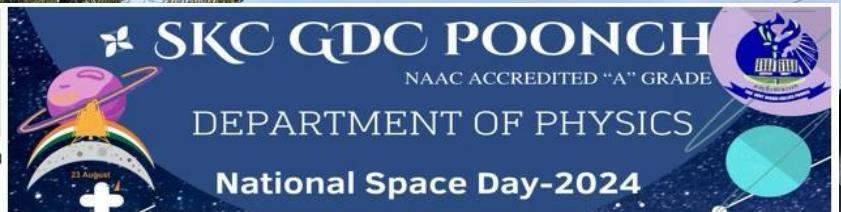
Keynote Speakers



Prof. Joginder Singh
AP Physics
PG College Rajouri



Dr. Arti Bhardwaj
Ph.D. CSIR-NPL
New Delhi



Convenor

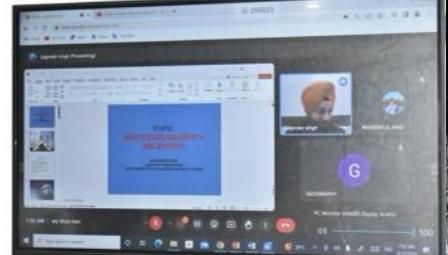


Waseem Ul Haq
HoD Physics
SKC GDC Poonch

Coordinator



Imtiaz Ahmed
HoD Env Science
SKC GDC Poonch



(n). No. of Students (all the courses/Semesters)

- Value Added Course: 900 Students
- Skill Course: 150 Students
- Multi-disciplinary Course: 250 Students

Total: 1300 Students

(o). Results of the last 5 years

- Value Added Course: 95%
- Skill Course: 100% Students
- Multi-disciplinary Course: 99%

2. Courses (MD/Skill/Value Added/SEC)

COURSES/ SYLLABUS OFFERED UNDER NEP-2020

S.NO	Course code	Semester	Course name
01	UVAEVT-102 (Value Added Course)	1st and 2 nd sem.	Environmental Science and Education
02	UMDEST-103, 203, 304 (Multi-disciplinary course)	1 st , 2 nd , and 3rd Sem.	Environmental Issues and Sustainability
03	USEEST-104 (Skill Enhancement Course)	1 st Sem.	Solid Waste Management
03	USEEST-204 (Skill Enhancement Course)	2 nd Sem.	Liquid Waste Management
04	USEEST-305 (Skill Enhancement Course)	3 rd Sem.	Green Technology

3. Outreach Programmes

The Department of Environmental Science participates in AIR Programs (Radio Program at Radio Station Poonch) to raise awareness about Environmental Pollution, Climate Crises, and associated Disasters (Flash Floods, Cloud Bursts, landslides, Extreme weather events, etc.).



5. Syllabus Design

The Head of the Department of Environmental Sciences regularly attends the Board of Studies meetings conducted by the University of Jammu and actively contributes to the academic decision-making process. Through these meetings, the department participates in the designing, reviewing, updating, and strengthening of undergraduate course syllabi, including Major, Minor, Multidisciplinary, Skill Enhancement, and Value-Added Courses, ensuring alignment with academic standards, emerging environmental issues, and NEP-2020 guidelines.

6. Question Paper Setting and Evaluation

The Department of Environmental Sciences actively participates in the assessment and evaluation process at both the University and College levels. While the University of Jammu question papers are not set by the department, faculty members are involved in the evaluation of the Jammu University's answer scripts. At the college level, the department is fully responsible for setting all Environmental Studies (EVS) question papers, conducting examinations, and evaluating internal assessments, assignments, and answer scripts. In addition, the department evaluates external examination answer scripts for Skill Enhancement and Value-Added Courses, ensuring academic rigour, transparency, and quality in the overall assessment process.

7. Co-Curricular Activities

College beautification and outreach cleanliness drive conducted under the Sewa Parv (Service Festival) from 17 September to 2 October, 2025, culminating on Gandhi Jayanti, to promote community service, creativity, and patriotism, focusing on inclusive participation from students (male and female), faculties and social forestry department J&K Govt, aligning with the vision of a developed India (Viksit Bharat).

The Sewa Parv aims to:

- Inspire citizens to contribute to the nation through service-oriented cultural activities.
- Foster inclusive participation, with a special focus on youth, women, persons with disabilities, tribal communities, and other marginalized groups.
- Encourage creative expression, knowledge sharing, and intergenerational learning around themes of national importance.
- Strengthen awareness and pride in India's heritage, traditions, and contemporary achievements.

Patron

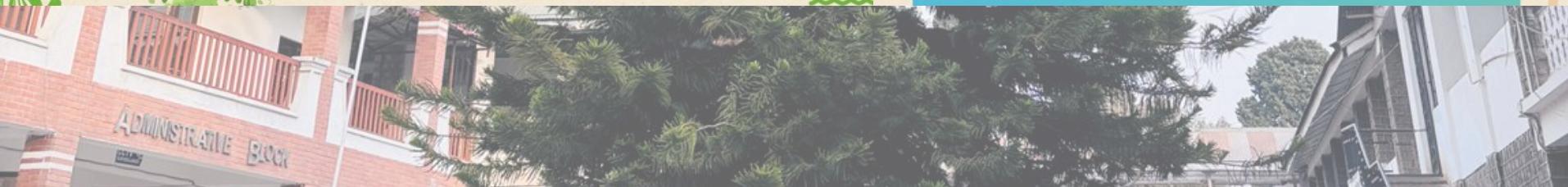
Convener

Members

Serving Together, Building Viksit Bharat

Events Schedule:

- 11 -01 PM, 21st Sept. 2025
Campus cleanliness drive
- 11 -01 PM, 22nd Sept. 2025
Classrooms and corridors cleanliness
- 11 -01 PM, 23rd Sept. 2025
Awareness rally, Wastage segregation
Adopted Village
- 11 -01 PM, 24th Sept. 2025
Plantation Drive in college Premises
- 11 -01 PM, 25th Sept. 2025
Plantation and cleanliness drive at Joggers Park Poonch





A cleanliness drive inside the college campus by the Environmental Science Department



Department of Environment
GDC Pooch conducted a
cleanliness drive in the
college campus.



8. Student Mentoring

- Maintained detailed mentee profiles and effectively used a WhatsApp group to provide continuous academic counselling, guidance, and timely communication of 55 mentees.
- Conducted structured monthly mentoring meetings to review attendance, academic progress, behavioural aspects, and address students' academic or personal concerns.
- Assessed students' learning levels and provided targeted mentoring support to both slow learners and advanced learners to enhance overall academic performance.
- Guided students on internships, innovation activities, SWAYAM courses, start-up opportunities, and employment prospects, while highlighting the scope of Environmental Science and allied disciplines in higher education, research organisations, government ministries, industries, NGOs, and interdisciplinary fields, ensuring confidentiality and a supportive mentoring environment.
- As Head of the Department and a member of the College Career Counselling Cell, actively contributed to students' holistic career planning and professional development across diverse career pathways.



Mentee Roll No.	Name of the Mentee	Parentage	Contact No.	S
415	MOHD ASIF	ABDUL REHMAN	6006174116	
416	MOHD IMRAN	BADAR DIN	9797384253	
417	BUSHRA WAQAR	WAQAR AHMED	6005899116	
418	SADIA	ZULFOQAR AHMED	9797624874	
419	YASMEEN Kouser	MOHD SADIQ	9596134291	
420	NAJUMA UL NISA	MOHD KHATAB	7889834535	
421	NAZIA Kouser	HABIBULLA	9797565498	
422	SADIA NAQVI	FAROOQ HUSSAIN SHAH	7051470565	
423	ZAHEER ABBAS	MOHD LATIEF	9103743783	
424	WAQAR YOUNIS	MOHD YOUNIS	9622065073	
425	NAZIA BI	NAZIR HUSSAIN	9149950916	
426	SAIMA AKTHER	MOHD AKRAM	9149703634	
427	TARNDEEP SINGH	JASBIR SINGH	6006235765	
428	KULSOOM FATIMA	MOHAMMAD RAFIQ	7006795804	
429	MISBAH KHALIL	KHALIL AHMED	9797109314	
430	MEHAR FATIMA	TAJUMAL HUSSAIN	8491816618	
431	FARANA IQBAL	MOHD IQBAL	9622606875	
432	MOHD IRFAN	LIAQAT HUSSAIN	7889814252	
433	ATEEK UL REHMAN	MOHD DILPAZIR	8899321516	
434	RASNEET KOUR	INDERJEET SINGH	7051898945	
435	MOHD ASIF	MOHD RAFIQ	7051385874	
436	SAJJAD AHMED	MOHD RAFIQ	7889828168	
437	IMRAN ANJUM	SHOKET HUSSAIN	9103651141	
438	MARIYAM RASHID MALIK	MOHAMMAD RASHID MALIK	9622244360	
439	AMAR SHAKEEL	SHAKEEL AHMED	7889428881	
440	TAMEEMA FATIMA	MUSHTAQ AHMED	9596626595	
441	DAWOOD MIR	SAJJAD HUSSAIN	7006334328	
442	SHAHNAZ AKHTER	MOHD AKHTER	6005533195	
443	MOHD SAMI KHAN	SHAKEEL HUSSAIN	9906298906	
444	MOHD FASAL	MOHD YASEEN	9797565458	
445	MOHD HASEEB	ZAHOOR DIN	9055151230	
446	MUSKAAN Kouser	MOHD JAMIL	9103051450	
447	NUSRAT JAVED	JAVED IQBAL	8082132136	
448	MOHD AASEEN	ABDUL GHANI	8493017618	
449	TOSIB AKHTER	MOHD SHAKEEL	8082081129	
450	AVNEET SINGH	RAJINDER SINGH	8493902943	
451	AMINA TABASUM	NAZIR AHMED	9541547879	
452	SAHIL FAROOQ	FAROOQ AHMED	6006785190	
453	IRAM AKHTER	SYED ALAM	7006243193	
454	AISHA CHOUDHARY	ALI IMRAN	8082210430	
455	SUMMIYA CHOUDHARY	MOHD FAROOQ	9797483785	
456	SHAZIA AKHTER	MANZOOR AHMED	8492856613	
457	AHMED YAR	YAR MOHD	9622364795	
458	NAWAZASH JAVED	JAVED IQBAL	7006909123	
459	RIAZ AHMED	MOHD FARID	9622138408	
460	MOHD NAYEEM UL ALI	NISHAD AHMED	6005931236	
461	DAVOOD IBRAHIM	YAR MOHD	7051327072	
462	INSHA CHOUDHARY	MOHD ASLAM	8899231146	
463	SAMIYA Kouser	MOHD ASLAM SHAH	6006158759	
464	MOHD ARIF	ABDUL RASHID	9103545103	
465	SHAIED CHOUDHARY	TAFAIL HUSSAIN	8493866854	
466	SAMINA Kouser	NASEER AHMED KHAN	9149664039	
467	RAFIA Kouser	KAMAR DIN	9596742679	
468	SOHIL MUKHTAR	MUKHTAR AHMED	962243716	
469	MOHD AFZAL	MOHD AKRAM	8082104495	
470	SUMAIRA KOSER	MOHD AYAZ	9797307918	

(9). Experiential Learning Programmes

Skill courses are offered in the 1st, 2nd, and 3rd semesters under NEP–2020, with a 50% practical component to promote hands-on and experiential learning. Students actively participate in practicals, also preparing compulsory working models related to Solid Waste Management, Liquid Waste Management, and Green Technology, which enhances their practical understanding and problem-solving skills.

(10). Ability and Skill Enhancement Courses

Skill Enhancement Courses introduced in the 1st, 2nd, and 3rd semesters include Solid Waste Management, Liquid Waste Management, and Green Technology, which are significant for developing industry-relevant skills, promoting sustainable practices, addressing environmental challenges, and improving students' employability in environmental management, green industries, and allied sectors.

12. Research and Publication (Future Plans)

- To develop focused research on atmospheric science and air quality in the North-West Himalayan region.
- To monitor and analyze aerosols, particulate matter, black carbon, and trace gases using ground-based and satellite observations.
- To study seasonal variability, long-range transport of pollutants, and aerosol climate interactions.
- To promote faculty-led, student-assisted research and build capacity in atmospheric data analysis and modelling.
- To publish research outcomes in peer-reviewed journals and conference proceedings through institutional collaborations.
- To organize seminars, workshops, and training programmes and seek research funding from national agencies.



A collage of environmental images featuring a large green field with a tree, a city skyline, a bird, a rainbow, and industrial waste. Overlaid on the image is a large, semi-transparent hand holding a glowing blue 'Thank you' text.

Thank you