



**GURU NANAK KHALSA COLLEGE FOR WOMEN**  
Gujarkhan Campus, Model Town, Ludhiana

# ENVIRONMENT SCIENCE

SEMESTER  
ACTIVITIES  
REPORT  
FOR 2025



*Maneeta*

**Dr. Maneeta Kahlon**  
Principal  
G.N.Kh. College for Women  
Gujarkhan Campus, Model Town  
Ludhiana

*Amanpreet Kaur*

**Ms. Amanpreet Kaur**  
Teaching faculty



# ABOUT THE DEPARTMENT

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The Department of Environmental Science offers Environment Science as a Value-Added Course (VAC) in the B.A. programme in the odd semester. This course aims to build environmental awareness, promote sustainable thinking, and develop a scientific understanding of ecological issues. It equips students with essential knowledge about pollution, biodiversity, climate change, natural resource management, and environmental ethics.

The course encourages students to connect theoretical concepts with real-life environmental challenges and develop responsible behavior toward nature. Through interactive lectures, discussions, and activity-based learning, students are guided to adopt sustainable lifestyle practices and contribute to environmental protection.



# NEP POLICY FOR ENVIRONMENTAL EDUCATION

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In alignment with the National Education Policy (NEP) 2020, Environmental Science as a Value-Added Course emphasizes a multidisciplinary and experiential learning approach. NEP 2020 highlights the importance of developing ecological consciousness, responsible citizenship, and awareness of environmental issues among students.

The course incorporates NEP-driven learning strategies such as:

- Cross-curricular integration of environmental concepts across disciplines
- Activity-based and experiential learning, including awareness drives, pledges, and practical demonstrations
- Promotion of sustainable and eco-friendly lifestyle choices
- Encouraging critical thinking on global environmental challenges like climate change, pollution, waste management, and biodiversity loss
- Developing environmental responsibility through participation in cleanliness drives, plantation activities, and community engagement





# VISION

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To evolve as a leading centre of environmental education that nurtures scientific temperament, global ecological awareness, and a strong commitment to sustainable development. The Department aims to empower students with the knowledge, skills, values, and sensitivity needed to safeguard natural resources, promote environmental justice, and address the complex environmental crises of the 21st century. Our vision is to inspire lifelong environmental responsibility and to cultivate individuals who act as catalysts for positive environmental change at local, national, and global levels.

# MISSION

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1. To develop critical thinking among students on various dimensions of the environment, enabling them to understand ecological interconnections and environmental challenges from a holistic perspective.
2. To cultivate a strong pro-environmental attitude so that students can adopt, promote, and propagate eco-friendly lifestyles aimed at environmental protection and the conservation of biodiversity.
3. To foster a scientific attitude that enables students to identify relevant environmental issues, analyze underlying causes, evaluate existing practices and policies, and develop informed frameworks for effective decision-making.



# COURSES OFFERED

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BA 1st Year – Environmental Science (Value-Added Course)

BA 2nd Year – Environmental Science (Value-Added Course)

- Environmental Awareness Workshops & Extension Lectures
- Skill Development Sessions focusing on sustainable practices, waste management, and pollution control

# FACULTY DETAILS

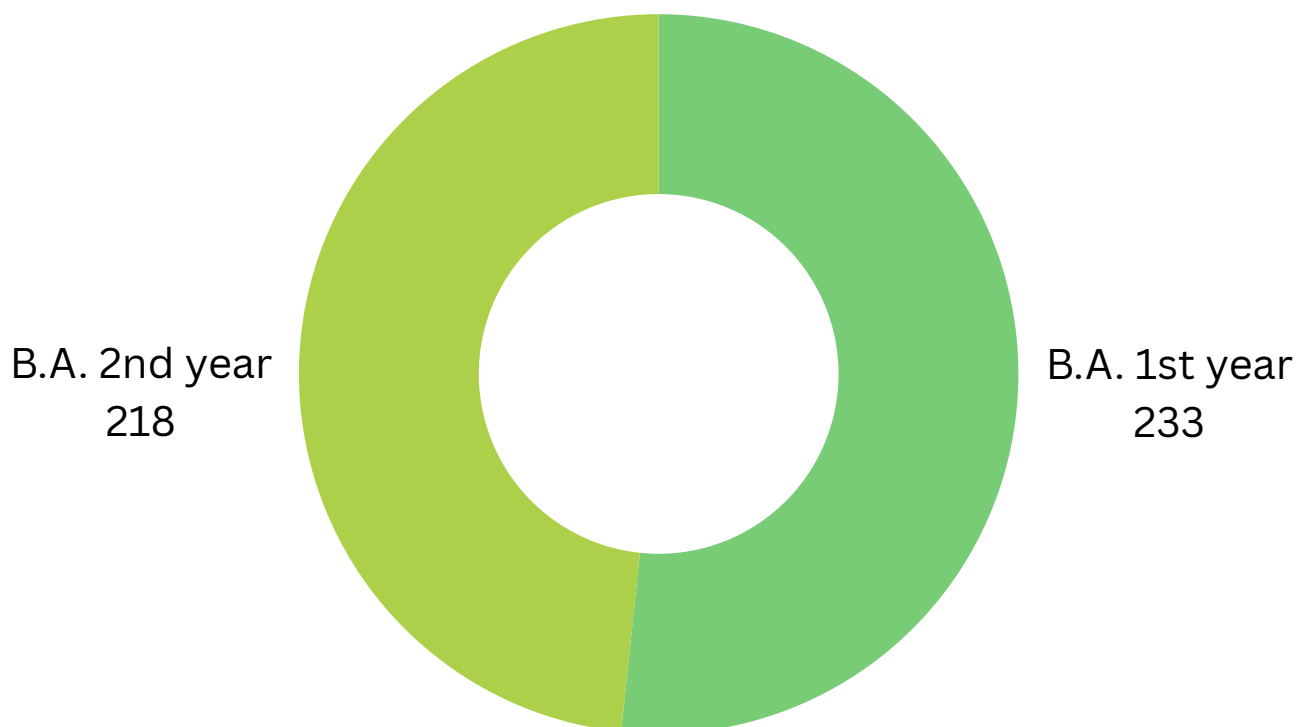
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Ms. Amanpreet Kaur, Assistant Professor, Department of Environment Science

B.Sc medical, M.Sc Botany, B.Ed

CTET, PSTET Qualified

Total strength of students





# MASS PLEDGE AGAINST DRUG ABUSE

August 13, 2025

## Observance of Mass Pledge Against Drug Abuse

Under the aegis of IQAC, Department of Environment science and Anti Drug & buddy's Cell of Guru Nanak Khalsa College for Women, Gujarkhan Campus, Model Town, Ludhiana, observed Mass Pledge Against Drug Abuse on August 13, 2025 in which 160 students participate with enthusiasm. The initiative, conducted under of the Ministry of Social Empowerment Government of India, aimed to raise awareness about the harmful effects of drug abuse and to foster a healthy, drug-free environment in campus. The orientation and pledge ceremony were led by Dr. Parveen Arora and Ms. Amanpreet Kaur, with the esteemed presence of our Principal, Dr. Maneeta Kahlon. The event included a brief prientation session to educate students about the dangers of drug abuse, the preventive measures in place.

Principal Dr. Maneeta Kahlon also addressed the students, emphasizing the dedication of the students to maintaining a safe and supportive campus. She encouraged students to come forward and report any concerns, ensuring a collective effort to combat drug abuse

Link to the social media post

<https://www.instagram.com/p/DNSibo1R5FT/?igsh=MWVtMGk3Ym43b2l1cw==>



Ludhiana, Punjab, India  
Model Town Road, Model Town, Ludhiana,  
Punjab 141002, India  
Lat 30.886858, Long 75.843526  
08/13/2025 11:21 AM GMT+05:30  
Note : Captured by GPS Map Camera







# WORLD OZONE DAY

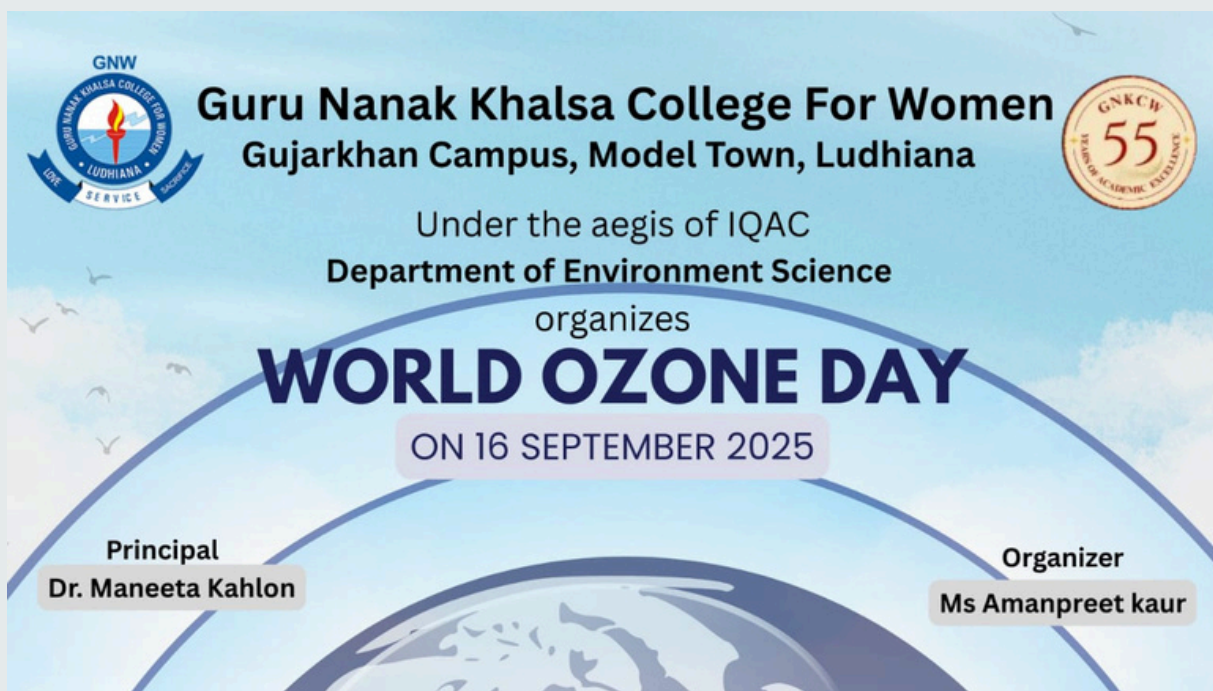
September 16, 2025

## Celebration of World Ozone Day at GNKCW

Under the aegis of the Internal Quality Assurance Cell, Department of Environment of Guru Nanak Khalsa College for Women, celebrated World Ozone Day on September 16, 2025. The day marks global efforts to protect the ozone layer and raise awareness about its vital role in sustaining life on Earth. 28 Students actively participated in speech and poem recitation competitions on various thought-provoking topics such as What is Ozone, How We Can Save Ozone, The Dangerous Effects of Bad Ozone, The Link Between Ozone Depletion and Climate Change, and Ozone - The Invisible Protector. Their creative expressions reflected both awareness and responsibility towards safeguarding the environment. The event was organized by Ms. Amanpreet Kaur Department of Environment, Under the guidance of Dr. Maneeta Kahlon, Principal of the college, who emphasized the need for environmental consciousness and motivated students to contribute towards a sustainable future

Link to social media post

<https://www.instagram.com/p/DOvBBQHEZoB/?igsh=amN2ZWN6N2F3b3kw>









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234r, Pritm Nagar, Model Town, Ludhiana, Punjab 141002, India  
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# WORLD ENVIRONMENT HEALTH DAY

September 26, 2025

Under the aegis of the Internal Quality Assurance Cell, Department of Environment along with Eco club of Guru Nanak Khalsa College for Women celebrated World Environmental Health day on September 26, 2025. The day is observed globally to highlight the vital link between Environment and human health, and to encourage sustainable practices for a healthier planet. The importance of the day was highlighted by Dr. Parveen Arora and Ms. Amanpreet Kaur who stressed the importance of protecting environmental health for the well-being of both present and future generation As a part of the program, Ms. Amanpreet Kaur gave a live demonstration on how compost can be prepared at home using organic kitchen waste, encouraging Students to adopt simple eco-friendly practices in their daily lives. Dr. Maneeta Kahlon, Principal of the College and Mrs. Seema Dua addressed the gathering and spread awareness to maintain environmental health. She motivated the students to take small out consistent steps such as waste segregation reducing plastic use, and conserving resources in order to protect both the environment and human well-being 30 Students actively participated in the event gaining practical insights and developing a deeper sense of responsibility towards creating a sustainable and healthy environment

Link to social media post

<https://www.instagram.com/p/DPLRmRBkTFm/?igsh=MXQ5dGltAGlxdTd5aQ==>







GPS Map Camera

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GPS Map Camera

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GPS Map Camera

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Model Town, Ludhiana, Punjab 141002, India  
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# WORLD ANIMAL DAY

October 4, 2025

Under the aegis of the Internal Quality Assurance Cell, Guru Nanak Khalsa College for Women, Model Town, Ludhiana, observed World Animal Day. The day aimed to spread awareness about animal welfare, compassion, and the importance of protecting all living beings that share our planet. The theme for World Animal Day 2025, "Save Animals, Save the Planet!" marks the 100th anniversary of the occasion, highlighting how protecting animal lives contributes to a healthier and more sustainable planet. As part of the observance, students participated by feeding stray animals such as dogs, cows, and birds in their local areas. They shared geotagged photographs capturing these kind acts, promoting the spirit of empathy and responsibility toward animals.

The activity encouraged students to reflect on their role in ensuring animal welfare and to adopt humane practices in their everyday lives. Principal Dr. Maneeta Kahlon appreciated the efforts of the students and motivated everyone to continue supporting animal welfare.

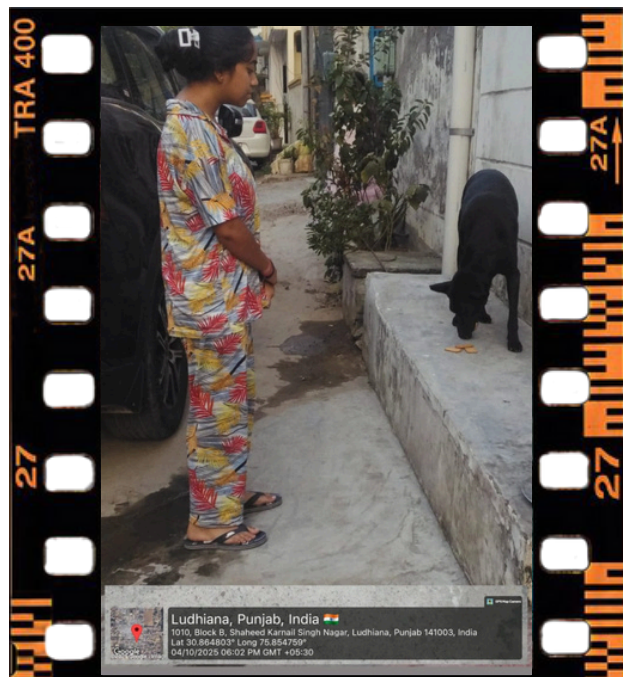
Link to social media post

<https://www.instagram.com/p/DPYXEAVkbJ6/?igsh=a2wzYXk3eDF1MGc4>

<https://www.instagram.com/p/DPdcUqHEe9E/?igsh=M2h4anoxZmgjdjRh>









# Faculty Achievements

Achievements of Ms. Amanpreet kaur during the odd semester in 2025

- Presented paper titled “The chemistry of collapse: Youthful addition and Ripple through technology “ on one day National seminar on “Punjab Samwad” series organised by institution of conflict management (ICM), New Delhi
- Completed a Four-Week Massive Open Online Course titled “Intellectual Property Rights and Digital Tools: Promoting Education and Awareness,” offered by Khalsa College of Education, Amritsar, Punjab, India.
- Attended 3 Hours Masterclass on Derma Nutrition on 19 oct 2025 . This is conducted by BeMedic in association with Skill India Digital.

## Conclusion

The Department of Environmental Science remains committed to fostering a deep sense of environmental stewardship among students. Through initiatives such as the mass pledge against drug abuse, observance of World Animal Day, World Ozone Day, and World Environmental Health Day, the department actively engages students in meaningful environmental actions. By integrating these activities with academic learning, the department not only imparts crucial knowledge but also instills a lifelong commitment to sustainability and ecological balance. As we move forward, the department remains dedicated to nurturing informed, responsible, and proactive citizens who will contribute positively to a sustainable future.

