



**Guru Nanak Khalsa College For Women**  
Gujarkhan Campus , Model Town, Ludhiana

# ENVIRONMENT SCIENCE

Even Semester Activities Report  
For 2025-2026 Academic year

*Maneeta*

**Dr. Maneeta Kahlon**  
Principal

Dr. MANEETA KAHLON  
Principal  
G.N.Kh. College for Women  
Gujarkhan Campus, Model Town  
Ludhiana

*Amanpreet Kaur*

**Ms. Amanpreet Kaur**  
Assistant Professor



# ABOUT THE DEPARTMENT

---

The Department of Environmental Science offers Environment Science as a Value-Added Course (VAC) in the B.Com, BCA, BBA. programme in the even 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

---

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

---

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

---

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

---

B.Com 2nd Year - Environmental Science (Value-Added Course)

BCA 1st & 2nd Year - Environmental Science (Value-Added Course)

BBA 1st & 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

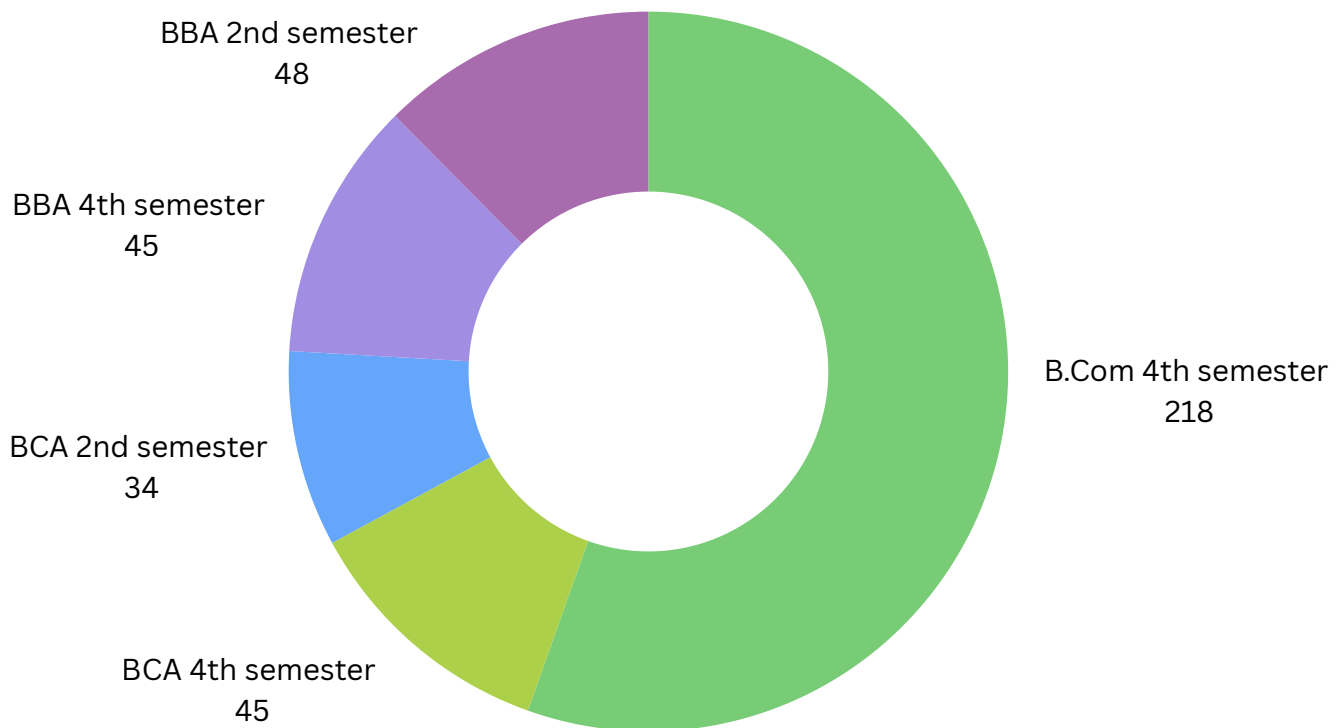
---

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

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

CTET, PSTET Qualified

Total strength of students



# NATIONAL POLLUTION CONTROL DAY

December 2, 2025

## Observance of National Pollution Control day

Under the aegis of the Internal Quality Assurance Cell, the NSS Unit, EBSB Club, Red Cross Society, and the Department of Environment Science, Guru Nanak Khalsa College for Women observed National Pollution Control Day on the college campus today. The day is commemorated every year on December 2 to honor the lives lost during the Bhopal Gas Tragedy and to raise awareness about the urgent need to curb pollution and promote safer environmental practices.

As part of the programme, Ms. Amanpreet Kaur from the Department of Environment Science delivered an insightful lecture highlighting the current pollution scenario. She discussed simple yet impactful steps individuals can take to reduce pollution and stressed the importance of responsible waste disposal and adopting sustainable habits in daily life.

Addressing the gathering, Dr. Maneeta Kahlon, Principal, emphasized the pressing need for collective responsibility in combating pollution, She underlined the vital role of the younger generation in building a cleaner and healthier future and encouraged students to actively engage in the environmental protection initiatives organized by the college.

Link to the social media post

[https://www.instagram.com/p/DR6lUmskasb/?img\\_index=3&igsh=MTJucjZzNGRpd3BxNg==](https://www.instagram.com/p/DR6lUmskasb/?img_index=3&igsh=MTJucjZzNGRpd3BxNg==)



**GNW**  
GURU NANAK KHALSA COLLEGE FOR WOMEN  
LUDHIANA

**Guru Nanak Khalsa College for Women**  
Gujarkhan Campus, Model Town, Ludhiana

**55**  
GURU NANAK KHALSA COLLEGE FOR WOMEN  
ACADEMIC EXCELLENCE

Under the aegis of IQAC

**NSS Unit, EBSB, Red Cross Society & Department of Environment Science**

observes

**NATIONAL POLLUTION CONTROL DAY**

**SUSTAINABLE LIVING FOR A GREENER FUTURE**

on 2<sup>nd</sup> December, 2025

Principal  
Dr. Maneeta Kahlon

Organizer  
Dr. Neetu Prakash  
Mrs. Satwant Kaur



# WORLD WETLAND DAY

February 2, 2026

## Celebration of World Wetland Day at GNKCW

Under IQAC, Department of Public Administration, Environment Science and Eco Club of Guru Nanak Khalsa College for Women jointly observed World Wetland Day on February 2, 2026. The day is observed globally to raise awareness about the importance of wetlands in conserving biodiversity, supporting livelihoods, and maintaining ecological balance.

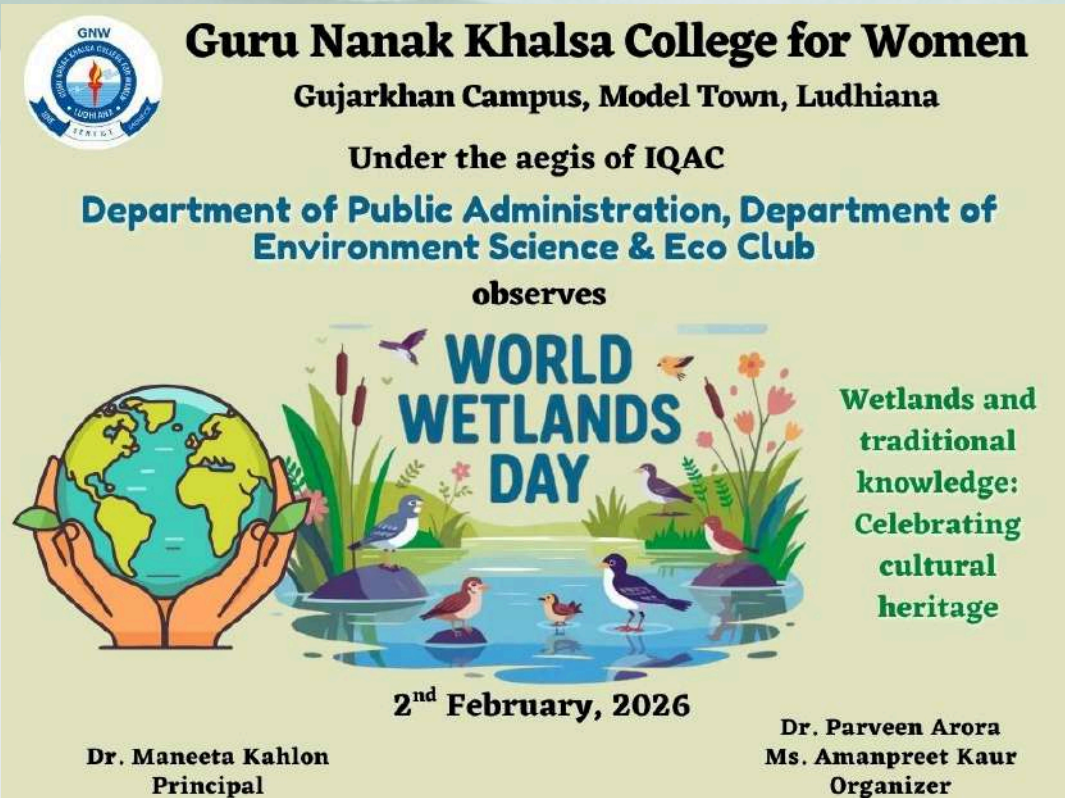
The programme aimed to aware students about the vital role of wetlands in water purification, flood control, groundwater recharge, and providing habitat to a wide variety of plant and animal species.

The event was organized by Dr. Parveen Arora and Ms. Amanpreet Kaur, who guided the students and encouraged active participation. 19 Students gained valuable insights into the need for conservation and sustainable management of wetlands.

Dr. Maneeta Kahlon, Principal of the College, addressed the gathering and emphasized the significance of protecting wetlands as they are among the most productive ecosystems on Earth. She motivated students to become responsible environmental stewards and to actively contribute towards wetland conservation.

Link to social media post

[https://www.instagram.com/p/DUUwZAukc9J/?img\\_index=2&igsh=MWkxd3Rrd2E2NnNwYw==](https://www.instagram.com/p/DUUwZAukc9J/?img_index=2&igsh=MWkxd3Rrd2E2NnNwYw==)



**Guru Nanak Khalsa College for Women**  
Gujarkhan Campus, Model Town, Ludhiana

Under the aegis of IQAC  
Department of Public Administration, Department of  
Environment Science & Eco Club  
observes

**WORLD WETLANDS DAY**

Wetlands and traditional knowledge: Celebrating cultural heritage

2<sup>nd</sup> February, 2026

Dr. Maneeta Kahlon  
Principal

Dr. Parveen Arora  
Ms. Amanpreet Kaur  
Organizer



# PREVENTION AND CONTROL OF STUBBLE BURNING

February 11, 2026

Under the aegis of the Internal Quality Assurance Cell (IQAC), the Department of Punjabi, Department of Environment Science, and Eco Club of Guru Nanak Khalsa College for Women organized an awareness lecture on stubble burning. The programme was conducted to highlight the serious environmental and health hazards caused by stubble burning and to promote sustainable alternatives.

The lecture focused on the causes of stubble burning, its harmful impact on air quality, soil fertility, and human health, as well as practical solutions such as crop residue management and eco-friendly agricultural practices. 76 Students actively participated and showed keen interest in understanding the long-term consequences of this issue.

The event was organized under the guidance of the faculty members, who encouraged students to spread awareness in their communities and become responsible citizens working towards environmental protection.

Dr. Maneeta Kahlon, Principal of the College, addressed the gathering and emphasized the urgent need to adopt sustainable agricultural practices. She motivated students to take initiative in raising awareness and contributing to a cleaner and healthier environment.

Link to social media post

[https://www.instagram.com/p/DUsDtooESCf/?img\\_index=6&igsh=Y3R0eTF0a3MxOWh0](https://www.instagram.com/p/DUsDtooESCf/?img_index=6&igsh=Y3R0eTF0a3MxOWh0)



**ਗੁਰੂ ਨਾਨਕ ਖ਼ਾਲਸਾ ਕਾਲਜ ਫ਼ਾਰ ਵੁਮੈਨ**

ਗੁਜਰਖਾਨ ਕੈਂਪਸ, ਮਾਡਲ ਟਾਊਨ, ਲੁਧਿਆਣਾ

ਇੰਟਰਨਲ ਕੁਆਲਿਟੀ ਐਸ਼ੋਰੈਂਸ ਸੈੱਲ ਦੀ ਅਗਵਾਈ ਹੇਠ

**ਪੰਜਾਬੀ, ਵਾਤਾਵਰਨ ਸਿੱਖਿਆ ਵਿਭਾਗ ਅਤੇ ਈਕੋ ਕਲੱਬ**  
ਵਲੋਂ

**ਜਾਗਰੂਕਤਾ ਭਾਸ਼ਣ**

**ਪਰਾਲੀ ਸਾੜਨ ਦੀ**  
**ਰੋਕਥਾਮ ਅਤੇ**  
**ਨਿਯੰਤਰਣ**

**11 ਫਰਵਰੀ, 2026**



ਪ੍ਰਿੰਸੀਪਲ  
ਡਾ: ਮਨੀਤਾ ਕਾਹਲੋਂ



Panel Discussion and Joint Bookrunner



Panel Discussion and Joint Bookrunner



Ludhiana, Punjab, India  
 Model Town Road, Model Town, Ludhiana, Punjab 141002,  
 India  
 Lat 30.887158, Long 75.842449  
 Wednesday, 11/02/2025 11:42 AM GMT+05:30  
 Photo captured by GPS Map Camera

Panel Discussion and Joint Bookrunner



GPS Map Camera

Ludhiana, Punjab, India  
Model Town Road, Model Town, Ludhiana, Punjab 141002, India  
Lat 30.887220, Long 75.842487  
Wednesday, 11/02/2026 11:38 AM GMT+05:30  
Note : Captured by GPS Map Camera

...erwriter and Joint Bookrunner



GPS Map Camera

Ludhiana, Punjab, India  
Model Town Road, Model Town, Ludhiana, Punjab 141002, India  
Lat 30.887233, Long 75.842649  
Wednesday, 11/02/2026 11:35 AM GMT+05:30  
Note : Captured by GPS Map Camera

...erwriter and Joint Bookrunner



GPS Map Camera

Ludhiana, Punjab, India  
Model Town Road, Model Town, Ludhiana, Punjab 141002, India  
Lat 30.887253, Long 75.842669  
Wednesday, 11/02/2026 11:36 AM GMT+05:30  
Note : Captured by GPS Map Camera

...erwriter and Joint Bookrunner

# PPT PRESENTATION

February 25, 2026

Under the aegis of the Internal Quality Assurance Cell (IQAC), the Department of Environment Science of Guru Nanak Khalsa College for Women organized a PPT presentation on stubble burning to create awareness about its harmful effects on the environment and human health. 35 students attended the programme. The presentation was delivered by Gurleen Kaur and Anoop Kaur, students of BCA 1st Year, who highlighted the causes of stubble burning, its impact on air pollution, soil fertility, and public health, as well as possible sustainable alternatives and preventive measures. Their presentation was informative and helped students understand the seriousness of the issue.

The event was organized by Ms. Amanpreet Kaur, Department of Environment Science, who encouraged students to actively participate in such awareness activities.

Dr. Maneeta Kahlon, Principal of the College, appreciated the efforts of the students and emphasized the importance of spreading awareness about environmental issues. She motivated students to adopt eco-friendly practices and become responsible citizens.

Link to social media post

[https://www.instagram.com/p/DVNkG01EYMR/?img\\_index=4&igsh=MWVsYTJnYmplbGp6cQ==](https://www.instagram.com/p/DVNkG01EYMR/?img_index=4&igsh=MWVsYTJnYmplbGp6cQ==)





## National pollution control day observed at GNKWCW



A speaker addresses students during an awareness session on National Pollution Control Day organised by the NSS Unit at Guru Nanak Khalsa College for Women, Model Town, Ludhiana.

**Ludhiana:** Under the aegis of the Internal Quality Assurance Cell, the NSS Unit, EBSB Club, Red Cross Society, and the Department of Environment Science, Guru Nanak Khalsa College for Women observed National Pollution Control Day on the college campus today. The day is commemorated every year on December 2 to honor the lives lost during the Bhopal Gas Tragedy and to raise awareness about the urgent need to curb pollution and promote safer environmental practices.

As part of the programme, Amanpreet Kaur from the Department of Environment Science delivered an insightful

lecture highlighting the current pollution scenario. She discussed simple yet impactful steps individuals can take to reduce pollution and stressed the importance of responsible waste disposal and adopting sustainable habits in daily life.

Addressing the gathering, Dr. Maneeta Kahlon, Principal, emphasized the pressing need for collective responsibility in combating pollution. She underlined the vital role of the younger generation in building a cleaner and healthier future and encouraged students to actively engage in the environmental protection initiatives organized by the college.

## ਪਰਾਲੀ ਸਾੜਨ ਵਿਰੁੱਧ ਜਾਗਰੂਕਤਾ ਸੈਸ਼ਨ ਕਰਵਾਇਆ

ਪੰਜਾਬੀ ਜਾਗਰਣ ਰਿਪੋਰਟਰ • ਜਿਸ ਵਿੱਚ ਕਾਰਨਾਂ, ਹਵਾ ਦੀ ਗੁਣਵੱਤਾ ਤੇ ਲੁਧਿਆਣਾ : ਇੰਟਰਨਲ ਕੁਆਲਿਟੀ ਸਿੱਟੀ ਦੀ ਉਪਜਾਊ ਸ਼ਕਤੀ 'ਤੇ ਅਸ਼ੋਰੈਸ ਸੈਲ ਦੀ ਅਗਵਾਈ ਹੇਠ ਗੁਰੂ ਨਾਨਕ ਖਾਲਸਾ ਕਾਲਜ ਲੜਕੀਆਂ ਦੇ ਨੁਕਸਾਨਦੇਹ ਪ੍ਰਭਾਵਾਂ ਅਤੇ ਪਰਾਲੀ ਸਾੜਨ ਦੇ ਟਿਕਾਊ ਵਿਕਲਪਾਂ ਨੂੰ ਵਾਤਾਵਰਣ ਵਿਗਿਆਨ ਵਿਭਾਗ ਨੇ ਉਜਾਗਰ ਕੀਤਾ ਗਿਆ। ਇਹ ਸਮਾਗਮ ਪਰਾਲੀ ਸਾੜਨ ਦੇ ਵਾਤਾਵਰਣ ਅਤੇ ਅਮਨਪ੍ਰੀਤ ਕੌਰ ਦੁਆਰਾ ਕਰਵਾਇਆ ਸਿਹਤ ਪ੍ਰਭਾਵਾਂ ਬਾਰੇ ਜਾਗਰੂਕਤਾ ਪੈਦਾ ਗਿਆ ਸੀ। ਪ੍ਰਿੰਸੀਪਲ ਡਾ. ਮਨੀਤਾ ਕਾਹਲੋਂ ਕਰਨ ਲਈ ਇੱਕ ਪਾਵਰਪੁਆਇੰਟ ਨੇ ਯਤਨਾਂ ਦੀ ਸ਼ਲਾਘਾ ਕੀਤੀ ਅਤੇ ਪੇਸ਼ਕਾਰੀ ਦਾ ਪ੍ਰਬੰਧ ਕੀਤਾ। ਪ੍ਰੋਗਰਾਮ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਾਤਾਵਰਣ ਅਨੁਕੂਲ ਵਿੱਚ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਉਤਸਾਹ ਨਾਲ ਅਭਿਆਸਾਂ ਨੂੰ ਅਪਣਾਉਣ ਅਤੇ ਭਾਗ ਲਿਆ। ਬੀਸੀਏ ਪਹਿਲੇ ਸਾਲ ਵਾਤਾਵਰਣ ਸੰਬੰਧੀ ਮੁੱਦਿਆਂ ਬਾਰੇ ਦੀਆਂ ਗੁਰਲੀਨ ਕੌਰ ਅਤੇ ਅਨੂਪ ਕੌਰ ਨੇ ਜਾਗਰੂਕਤਾ ਫੈਲਾਉਣ ਲਈ ਉਤਸ਼ਾਹਿਤ ਇੱਕ ਜਾਣਕਾਰੀ ਭਰਪੂਰ ਪੇਸ਼ਕਾਰੀ ਦਿੱਤੀ, ਕੀਤੀ।



ਗੁਰੂ ਨਾਨਕ ਖਾਲਸਾ ਕਾਲਜ ਵਿਖੇ ਸਮਾਗਮ ਦੌਰਾਨ ਸੰਬੋਧਨ ਕਰਦੀ ਵਿਦਿਆਰਥਣ ਅਤੇ ਹਾਜ਼ਰ ਅਧਿਆਪਕ ਤੇ ਵਿਦਿਆਰਥੀ • ਪੰਜਾਬੀ ਜਾਗਰਣ



# Faculty Achievements

Achievements of Ms. Amanpreet kaur during the even semester in 2026

- Completed NEP Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, organized by Malaviya Mission Teacher Training Centre, Guru Nanak Dev University, Amritsar, Punjab from January 05–13, 2026
- Presented a research paper titled “Neurocognitive Effects of Social Media Use on Brain Plasticity Among Students” at the College Development Council Sponsored One-Day International Multi-Disciplinary Conference on “Impact of Social Media on Mental Health of the Students,” representing Guru Nanak Khalsa College for Women on March 14, 2026

## Conclusion

The Department of Environmental Science remains committed to fostering a deep sense of environmental stewardship among students. Through initiatives such as prevention and control of stubble burning, observance of World Pollution Control Day, World Wetland Day, and PPT presentation, 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.

