

Event Name	A Step Towards Cleaner Air in Patiala City
Date	March 28, 2025.
Venue	Thapar Institute of Engineering & Technology, Patiala Punjab Pollution
Organizer	Control Board in collaboration with District Administration & Municipal Corporation, Patiala ◆ Central Pollution Control Board
Resource Person	◆ Thapar Institute of Engineering & Technology ◆ Forest & Agriculture, Department, Punjab Government ◆ Govt. Medical College, Patiala
Event Co-ordinators	Dr. Ankur Choudhary
Student Co-ordinators	-
Number of Participants	35
SDGs Covered	3,11,13

About the Activity

The Centre of Excellence for Sustainability, in collaboration with the Office of Infrastructure Development, successfully participated in a Capacity Building & Public Outreach Event on *"A Step Towards Cleaner Air in Patiala City" on March 28, 2025.*

Held at Thapar Institute of Engineering & Technology, Patiala, the event featured experts from the **Central Pollution Control Board (CPCB), Punjab Pollution Control Board (PPCB), Thapar Institute, Forest Department (Punjab Government), and Govt. Medical College, Patiala.**

Discussions focused on Patiala's air quality concerns, pollution sources, and sustainable strategies for improvement. The event emphasized collaborative efforts toward cleaner air and a healthier environment.



Objective

The primary goal of this phase was to:

- **Raise awareness** about air pollution and its impact on health and the environment.
- **Identify key pollution sources** and discuss sustainable strategies for air quality improvement.
- **Encourage stakeholder collaboration** between regulatory bodies, academic institutions, and the public.
- **Promote community-driven initiatives** to foster long-term environmental responsibility.

Event Overview

The event commenced with insightful discussions led by experts from the **Central Pollution Control Board, Punjab Pollution Control Board, Thapar Institute of Engineering & Technology, Forest Department (Punjab Government), and Govt. Medical College, Patiala.** They shared their expertise on air pollution sources, its impact on public health, and strategies for mitigation.

Key highlights of the session included:

- **Analysis of Patiala's air quality status** and major contributing factors.
- **Discussions on policy measures, technological interventions, and green initiatives** to combat pollution.
- **Expert insights on sustainable urban planning and community-driven solutions** for cleaner air.

The event fostered **collaborative engagement among institutions, policymakers, industries and students**, encouraging collective action towards improving air quality and environmental sustainability.

Challenges and Solutions

Challenges	Solutions
High levels of air pollution in Patiala	Proposed stricter emission regulations and green initiatives
Lack of awareness and public participation	Conducted outreach programs and awareness campaigns
Limited green cover and urban planning issues	Suggested afforestation drives and sustainable urban policies
Need for effective policy implementation	Encouraged collaboration between government bodies, institutions, and the public

Impact and Outcome

The event fostered meaningful discussions on improving Patiala's air quality and encouraged collaborative efforts among stakeholders. Experts provided valuable insights on pollution sources, mitigation strategies, and sustainable urban planning.

Key outcomes included:

- Increased awareness about air pollution and its health impacts.
- Proposed actionable solutions for improving air quality in Patiala.
- Strengthened collaboration between regulatory bodies, academic institutions, and the public.
- Encouragement of community-driven initiatives for sustainable environmental practices.

Conclusion

The "*A Step Towards Cleaner Air in Patiala City*" event was a significant success, bringing together experts and stakeholders to address air pollution concerns. The insightful discussions and proposed solutions highlighted the urgent need for sustainable interventions. The event not only raised awareness but also fostered collaboration and community-driven action toward cleaner air. The Centre of Excellence for Sustainability remains committed to inspiring positive environmental change for a healthier and more sustainable future.

