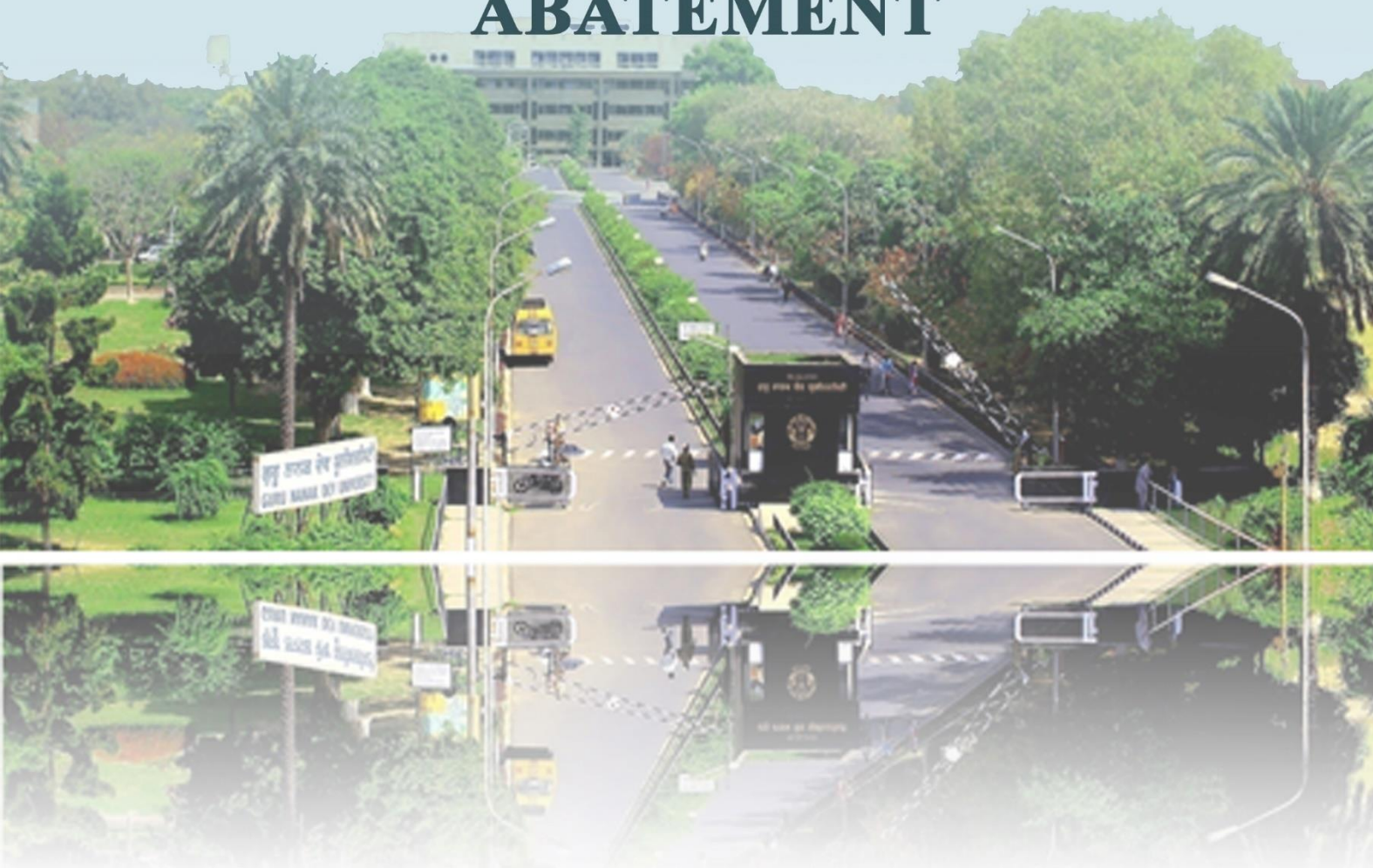


Two-day National Seminar (Hybrid Mode)

on

CLEAN AIR FOR BLUE SKIES: AN UNDERSTANDING OF AIR POLLUTION CONCERNS AND ITS ABATEMENT



Date: March 24-25, 2023

**Venue: Conference Hall, Guru Nanak Bhawan,
Guru Nanak Dev University, Amritsar**

COLLABORATING PARTNERS



GRD SCHOOL OF PLANNING,
GURU NANAK DEV UNIVERSITY,
AMRITSAR



PUNJAB POLLUTION CONTROL BOARD,
PATIALA

CHIEF PATRON

Prof. (Dr.) Jaspal Singh Sandhu (Vice Chancellor)
Guru Nanak Dev University, Amritsar

PATRON

Prof. (Dr.) Adarsh Pal Vig (Chairman)
Punjab Pollution Control Board, Patiala

CO-PATRON

Er. G.S. Majithia, Member Secretary (PPCB)
Er. Krunesh Garg, Chief Environmental Engineer
(PPCB)

CONVENER

Prof. (Dr.) Ashwani Luthra (Head)
Guru Ramdas School of Planning
Guru Nanak Dev University, Amritsar

ADVISORY COMMITTEE

Dr. Kiran Sandhu (Associate Professor)
Dr. Gopal K. Johari (Associate Professor)
Dr. Kuldip Singh (Associate Professor)
Er. Harpal Singh (Sr. Environmental Engineer,
PPCB)

ORGANIZING COMMITTEE

Co-ordinator

Dr. Ritu Raj Kaur (Assistant Professor)

Co-Coordinator

Ms. Pankhuri Bhatia (Assistant Professor)

Members

Dr. Ravi Inder Singh (Assistant Professor)

Dr. Gursharan Kaur (Assistant Professor)

Dr. Sakshi Sahni (Assistant Professor)

Dr. Sandeep Kumar (Assistant Professor)

Ms. Sunanda Sharma (Assistant Professor)

Ms. Ramandeep Kaur (Assistant Professor)

Ms. Gulpreet Kaur (Assistant Professor)

Mr. Robinjit Singh (Assistant Professor)

Mr. Prikshit Bhatia (Assistant Professor)

REGISTRATION

Follow the link to register: <https://forms.gle/ZknPXzaRsAqZPFrr6>

REGISTRATION FEE

Professional	Rs.2000
Academicians	Rs.1000
Research Scholar	Rs. 500
Student	Rs. 300
Accompanying Person	Rs. 500

ACCOMMODATION CHARGES

University Guest House (including breakfast and dinner)
Single occupancy: Rs. 1800
Shared occupancy: Rs. 1000 per person
Payment to be made in advance

For Payment please consider the following:

Beneficiary Name: Head, Guru Ramdas School of Planning

Account No : 65191718326

IFSC Code: SBIN0051135

Bank Name: SBI, G.N.D.U., Amritsar

CONTACT FOR QUERIES

(Coordinator)

Dr. Ritu Raj Kaur

8054160025

e-mail id: grdevents@gndu.ac.in



Scan QR Code

UPI ID: GURURSOP@SBI

(Co-coordinator)

Ms. Pankhuri Bhatia

9888730173

ABOUT GURU NANAK DEV UNIVERSITY

Guru Nanak Dev University is accredited A++ by NAAC with CGPA of 3.85, conferred with "University with Potential for Excellence" status by UGC and is ranked 44 by NIRF. It is one among the top ten "High performing state public Universities" across India as per MHRD. The university provides a conducive environment for research and teaching, sports, cultural and other extra curricular activities to its twenty thousand students in various faculties at the University campuses and constituent colleges. The university has a state-of-the-art infrastructure in well-equipped laboratories and for sports.

The university has also been sanctioned a Centre for interfaith studies by MHRD. Apart from being winners in inter-university cultural activities competitions, the University has been the winner of the MAKAT trophy 24 times for excellence in sports. University with a green campus and beautiful architecture have the status of the second cleanest higher ("Zero Waste educational institutions Campus") in the country in the category of Government Universities by the MHRD.

ABOUT THE SEMINAR

Worldwide it has been recognised that clean air is essential for people's health and day-to-day lives. Over the last several years, stakeholders across low and middle-income countries have expressed an urgent need for increased pollution management support to respond to the magnitude of the threat to human health and economies. Various countries, with the backing of different multilateral and bilateral agencies, focus on reducing air pollution and are aware that air pollution is the single most significant environmental risk to human health. The shared vision of clean air is also emphasised by the transformation envisioned by attaining the 2030 agenda for sustainable development that focuses on balanced and integrated development through its different sets of goals and targets. COP 27 also concentrates on "Act Local to Go Global", which is possible by responding to pollution to save lives and unlock economic opportunity through local, national, and regional action. With an objective to make the cities liveable, the International Day of Clean Air for Blue Skies is celebrated each year. The National Seminar is proposed to focus on the common concern of air pollution and abatement for 'The Future We Want'. In India, the enactment of the Air (Prevention and Control of Pollution Act in 1981) mandated air quality monitoring and control of air pollution from different sources. However, there are several areas where air pollution problems have already become critical.

In this light, the key objectives of the proposed seminar are:

- To understand the importance of stringent ambient air quality and reduction of pollution.
- To gain insight into various methods, measures, technologies and regulations focusing on air pollution and its reduction.
- Learning through best practices and innovation.



CALL FOR PAPERS

Papers are invited from professionals, academicians, researchers and experts on the following sub-themes

Human Aspirations and Air Quality: Importance of air quality, ambient air quality, indoor air quality, outdoor air quality, open burning, stubble burning and its impact on air quality, emissions, air quality data, monitoring, standards, modelling, forecasting and data.

Sources and Effects of Air Pollution: Air pollutants, hazardous air pollutants, emission sources, air pollution during festivals, air pollution sources, transport and dispersion, Air emissions from business and industry, permits, inspection and enforcement, regulatory assistance, emission record keeping, exposure to air pollutants and ill effects of on vegetation and health, air contaminants, national and state guidelines to combat air pollution, ground-level ozone pollution, generation sources, and different health concerns resulting because of ozone pollution, measures to reduce ground-level ozone

Climate Change and Emission Reduction Credits: Climate change and SDG, impacts of climate change on the acceleration of greenhouse gases, extreme climate events, global warming and impact on the environment, strategies and solutions to climate change problems, GHG emissions and their sources, assess the effects of air pollution on GHG pollution, GHG emission inventory, GHG emission reduction measures, different GHG pollution reduction targets and measures, national and international attempts to mitigate the growth in concentrations of Greenhouse Gases (GHGs), Mechanisms under the Kyoto Protocol, clean development mechanisms, carbon credits, carbon trading, emission trading markets

Clean and Green Energy: Carbon-free electricity, shift from coal to renewable electricity, electric vehicles, and initiatives at the national level promoting non-conventional energy sources.

Technological Interventions: Contaminant treatment technologies, conventional and innovative methods for organic and inorganic contaminants, control devices, technologies, and systems, development of indigenous instruments for monitoring air pollution and air quality, techniques of measuring the risk of different levels of exposure of pollutants.

Air Pollution and Planning Paradigms: Urban air pollution, land-use planning a way to reduce air emissions, best land-use planning practices encouraging alternatives to driving, city planning and reduced air emissions, sustainable cities and society combating air emissions, the role of meteorology in the abatement and control of air pollution, vehicular pollution, the role of public transportation in pollution reduction, greening the public transportation system, different measures to reduce vehicular pollution, benefits of the shift to electric cars, trucks and buses.

Stakeholders' Engagement and Community Participation: Stakeholder engagement, best practices of community involvement in pollution abatement

Role of Pollution Controlling Agencies: Air pollution control by regulations, the role of different organisations in air pollution reduction, air quality forecasts and monitoring, renewable energy, different air pollution control strategies, management of hazardous air pollutants, initiatives for mitigation of air pollution

Statutory and Regulatory Framework: Legislative resources, environmental laws, air act, environmental protection act, the role of National Green Tribunal in the reduction of air pollution, different case laws related to air pollution and its abatement, air action plans, source apportionment studies, emission inventories, carbon capture, carbon sequestration, e-vehicle policies, air quality regulations.

LAST DATE FOR SUBMISSION OF COMPLETE PAPER: 13 MARCH 2023

Delegates are requested to send a soft copy of the paper not exceeding 5000 words at grdevents@gndu.ac.in

For format of the paper refer :

https://docs.google.com/document/d/1EqzBoWvI_E2lvfs3mmY44n1hoCpfJ9Dk/edit?usp=sharing&ouid=104537031568780309936&rtpof=true&sd=true

NOTE: Selected papers will be published in an edited book with ISBN number