

Who can apply

Interested persons from multidisciplinary backgrounds are eligible to apply for the workshop. Preference will be given to scientists, teachers and research scholars who help in strategizing and disseminating information.



How to apply

Scan the QR Code or Go to the link to Register
<http://tiny.cc/2kz5iz>

Registration Fee

Category	Registration Amount
Scientists/Teachers	INR 1000.00
Research Scholars	INR 800.00
Students	INR 500.00

Number of Seats – 150 (*on first come first serve basis*)

Last Date of Application: February 20, 2020

Date of Workshop: March 17, 2020

Mode of Payment: NEFT/RTGS/DD*

Bank Details:

Account Name: The Registrar

Account Number: 10851299052

Bank and Branch: State Bank of India, Delhi University

IFSC Code: SBIN0001067

MICR Code: 110002030

*Draft to be made in favour of “The Registrar, University of Delhi” payable at New Delhi

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Department of Environmental Studies
University of Delhi, Delhi-110007

Organising Committee

Convener and Organising Secretary

Dr. Chirashree Ghosh

Co- Organising Secretary

Dr. Anindita Roy Saha

Dr. Pratima Rani Sardar

Core Committee

Dr. Nawin Kumar Tiwary

Dr. Neha Mishra

Mr. Shailender Kumar

Ms. Guncha Sharma

Mr. Arun Kumar Yadav

Mr. Gaurav Barhodiya

Mr. Pushpendra Takhar

Mr. Ayush Saran

Venue

Conference Centre, University of Delhi

North Campus, Delhi – 110007



Scan QR Code to download and install
the SAFAR-Air Application



2nd National Workshop On Emerging Pollution Challenges on Earth Ecosystem – SAFAR, India's Novel Initiative

Sponsored by



Ministry of Earth Sciences

Tuesday, March 17, 2020

Organised by



**Environmental Pollution Laboratory
Department of Environmental Studies
University of Delhi, Delhi, India**

Department of Environmental Studies

The Department of Environmental Studies, University of Delhi ranks among the top centers globally for teaching and research in the fields of environment, ecology and earth sciences. It has a pool of competent teachers and dedicated scholars whose endeavors are focused on making the earth a healthy, safe and sustainable space for mankind and other forms of life.



Environmental Pollution Laboratory

The Environmental Pollution Laboratory is located at the Department of Environmental Studies, University of Delhi and is headed by Dr. Chirashree Ghosh, Associate Professor at the Department. A wide range of research projects are carried out at the laboratory encompassing different types of pollution, such as, air, water, soil and microplastic along with their associated health effects. The laboratory is well-equipped with the cutting-edge facilities and sensor-based instruments for conducting research in the fields of particulate and gaseous pollution, water quality analysis, weather monitoring etc. A team of research scholars,

research assistants, and interns are actively engaged in several projects funded by the Ministry of Earth Sciences (MoES) and the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India. The team is also committed to capacity building and skill formation in various educational institutions.

About the Workshop

The journey of human civilization has evolved through fast economic growth, rapid industrialisation and ever-increasing use of natural resources in the production process. This has brought in large-scale consumption, comfort and amenities in human life. However, these activities make use of huge quantities of food, energy, water and other resources available on the planet, thereby causing threat to the earth ecosystem, namely, environmental pollution, ecological imbalance and degradation in the quality of life. The far-reaching impacts of these phenomena cause many more problems of land insecurity, worsening of water quality and problems of waste disposal. Threat to human health is an immediate outcome of environmental degradation. Climate change and environmental risks have led to higher frequency of disasters, making mankind more vulnerable to calamities and death.

The story of atmosphere starts with the simple understanding of the gaseous envelope around the earth surface. The structure and composition of atmosphere consisting of gaseous and particulate components are pre-requisites for the existence of the human race on the planet. Noxious levels of gaseous and particulate pollutants emitted through

various anthropogenic activities such as, construction, biomass burning, use of vehicles etc. are building up in the environment and triggering risks to human health and quality of life. The increasing toll of respiratory and cardio-vascular diseases is a proof of the vulnerability of people living in the polluted environment. Clearing the menace of air pollution needs an integrated effort from science as well as society. One such programme initiated by the Ministry of Earth Sciences (MoES) is the System of Air Quality and Weather Forecasting and Research (SAFAR). The program is dedicated to measure the air quality of metropolitan cities by measuring the overall pollution level and location-specific air quality of the city. The system has been indigenously developed by the Indian Institute of Tropical Meteorology (IITM), Pune. The ultimate objective of the project is to generate awareness among the general public in order to be able to design mitigation strategies and systemic actions. The challenge lies in understanding the problem and sensitizing people for achieving sustainable solutions.

Scope of the Workshop

The current workshop is the second in the series that was initiated in March 2019. The previous workshop aimed to raise awareness among people about the degraded environment and pollution in the earth ecosystem. The present one aims to extend the scope to increase awareness and sensitization regarding the degrading air quality, associated health risks, threats of disaster and the possible mitigation strategies for consideration in the realm of policy planning.