



KALINDI COLLEGE

UNIVERSITY OF DELHI

KALPधरा



The Environmental Society



AIR QUALITY INDEX

Funding agency (Internal / External) and amount: NA

Name of the Convenor: Dr. Shanuja Beri

Co- Convenor : Dr. Akansha Rai

Dr. Sunaina

Dr. Mirinchonme Mahongnao

Dr. Pooja Yadav

Ms. Priya Yadav

Date: November 20th, 2024

Time: 1:00 PM to 2:00 PM

Name of the Event: Air Quality Index

Collaborating agency, if any: NA

Number of Students and Faculty: 22

Total number of students who participated: 16

Faculty: Dr. Shanuja Beri, Dr. Akansha Rai, Dr. Sunaina, Dr. Mirinchonme Mahongnao, Dr. Pooja Yadav, Ms. Priya Yadav

Number of participants outside of Kalindi College: NA

Highlights of the Event

- Discussion of rising AQI amid high pollution conditions.
- Discussion on the causes of hazardous AQI and their solutions.
- Learnt about the institutions which control the pollution.

ATTENDANCE

S. No.	Name	Year	Post	Course
1.	Anousha Patra	3 rd	President	B.Sc. (P) Life Science
2.	Akansha	3 rd	Vice President	B.Sc. (P) Life Science
3.	Nafia Riyaz	2 nd	Vice President	B.Sc. (H) Geography
4.	Sanjana	3 rd	General Secretary	B.Sc. (H) Zoology
5.	Payal Negi	2 nd	General Secretary	B.Sc. (P) Life Science
6.	Sakshi Singh	3 rd	Proctor	B.Sc. (P) Life Science
7.	Ayushi	3 rd	Chief Editor	B.Sc. (P) Life Science
8.	Piya Chawla	2 nd	Editorial Member	B.Sc. (H) Botany
9.	Ritika	3 rd	Editorial Member	B.A. (H) Pol. Sci.
10.	Prachi Kanth	3 rd	Media and Sponsorship Member	B.Sc. (P) Life Science
11.	Saniya	3 rd	Technical Member	B.Sc. (P) Life Science
12.	Ramsha	3 rd	Creative Head	B.Sc. (P) Life Science
13.	Khushi	3 rd	Creative Member	B.Sc. (P) Life Science
14.	Khozika Chandel	2 nd	Creative Member	B.Sc. (P) Life Science
15.	Nausheen	2 nd	Volunteer	B.Sc. (P) Life Science
16.	Muskan	2 nd	Volunteer	B.Sc. (P) Life Science

EVENT DETAILS

Kalpdhra, the Environmental Club of Kalindi College, organized an online meeting on 20th November, 2024 to address the critical issue of rising pollution levels and the associated increase in the Air Quality Index (AQI). The meeting aimed to shed light on the causes and effects of hazardous AQI levels and discuss possible solutions to mitigate this pressing environmental problem. A total of 16 students from various departments participated in the meeting, along with several faculty members, including the Convenor **Dr. Shanuja Beri Ma'am**, Co-convenors **Dr. Akansha Rai Ma'am**, **Dr. Sunaina Ma'am**, **Dr. Mirinchonme Mahongnao Sir**, **Dr. Pooja Yadav Ma'am**, and **Ms. Priya Yadav Ma'am**.

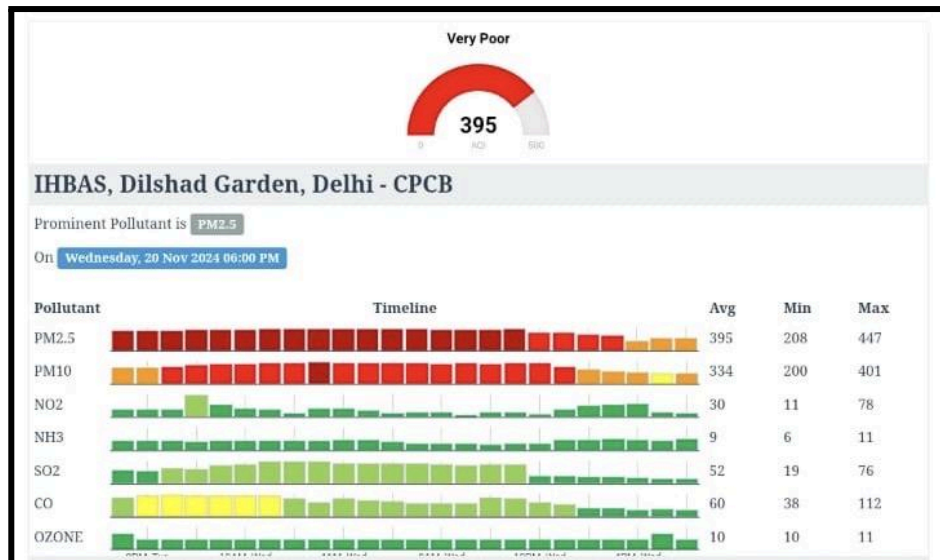
The meeting was held in response to the alarming rise in pollution levels in Delhi, which has led to a significant deterioration in the region's air quality. The faculty members provided valuable insights into the root causes of poor AQI, such as vehicular emissions, industrial activities, crop burning, and construction dust. They also explained the severe impact of pollution on human health, particularly respiratory diseases, and its detrimental effects on biodiversity and the ecosystem. The discussion highlighted the urgent need for collective action to address these issues.

Students were highly engaged throughout the session, actively listening and participating in the discussion. The faculty further elaborated on how various institutions, including the Central Pollution Control Board (CPCB), monitor and regulate air quality in India. They explained the process of measuring AQI and the role of particulate matter (PM_{2.5} and PM₁₀) in determining air quality levels. The session emphasized the importance of understanding these measurements and the need to reduce pollution levels to ensure public health and environmental sustainability.

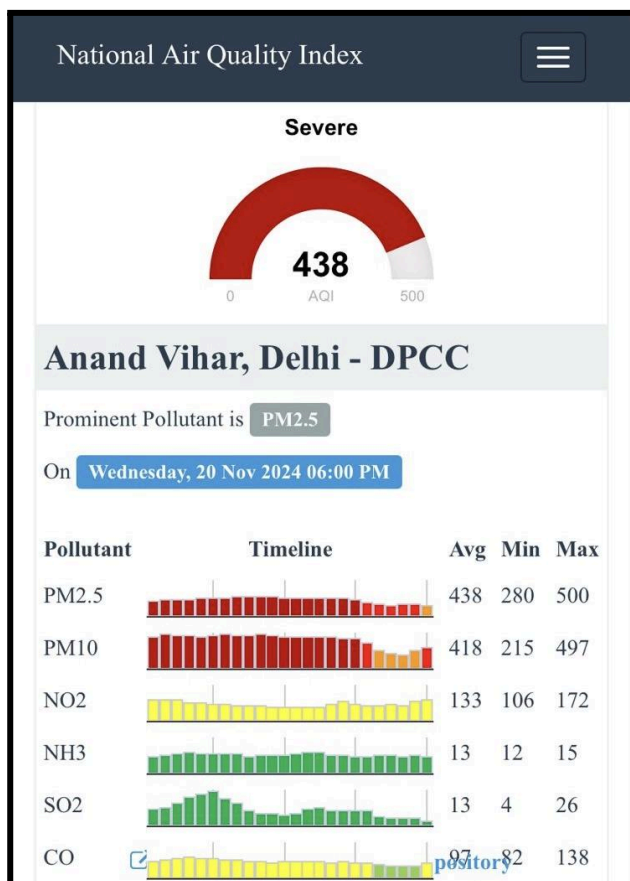
Following the lecture, students were encouraged to check the AQI of their residential areas, fostering an interactive learning experience. This activity allowed students to observe real-time air quality data and make connections between the information shared during the meeting and the environmental conditions in their own surroundings.

In conclusion, the online meeting organized by Kalpdhra provided an informative platform for students and faculty to engage in a meaningful discussion on the rising pollution levels and their impact on the Air Quality Index. The session not only increased awareness about air quality monitoring and the importance of reducing pollution but also inspired students to take personal responsibility in improving the environmental conditions in their communities.

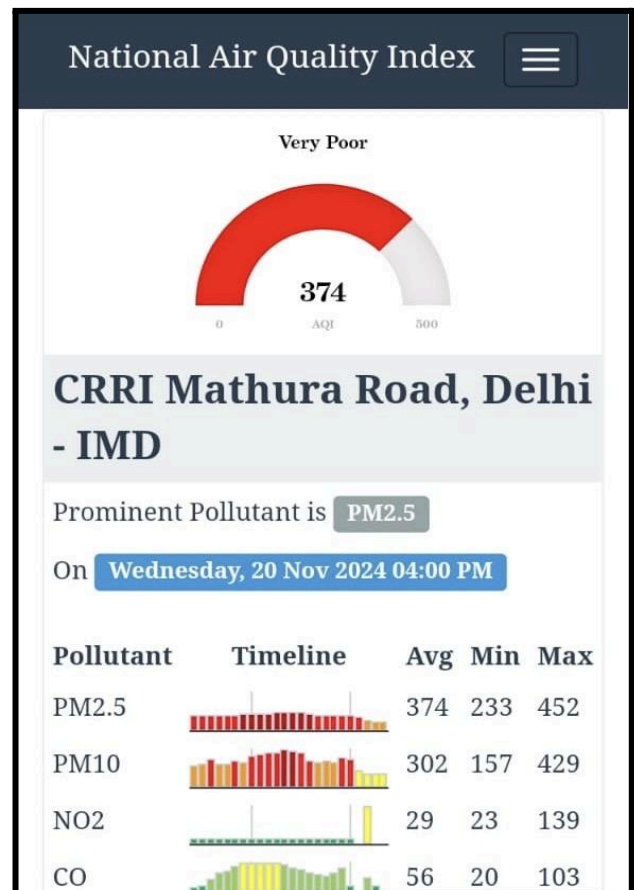
AQI OF DIFFERENT PLACES



AQI of IHBAS, Dilshad Garden



AQI of Anand Vihar



AQI of CRRI Mathura Road