

A Report of Expert Talk by Dr. Namrata Jariwala
Under
SCET- R&D Talk Series
In
Association with ISTE-SCET Student Chapter



SARVJANIK EDUCATION SOCIETY
Sarvajanik College of Engineering & Technology
Towards Progressive Civilization....
(A Constituent Institute of SARVJANIK UNIVERSITY)
Dr. R. K. Desai Marg, Athwalines, Surat-395001

Civil Engineering Department



2023

**R & D Talk Series
on**

**URBAN AIR POLLUTION ISSUES
AND MANAGEMENT**

**24th August 2023
from 11:00 am onwards
Venue: NJ Seminar Hall**

OUR GUEST SPEAKER



DR. NAMRATA D. JARIWALA
Assistant Professor
Sardar Vallabhbhai National Institute of
Technology, Surat

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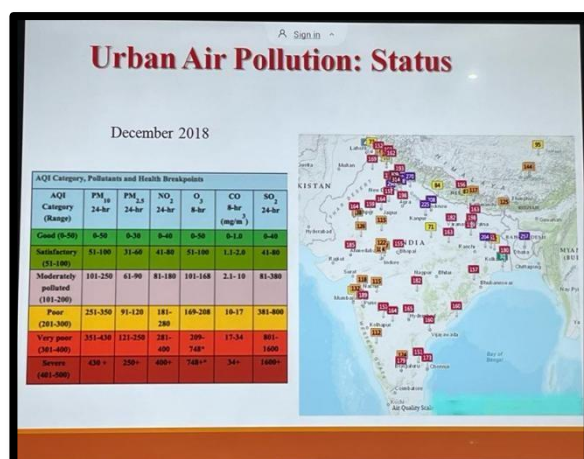
An Expert Talk titled "**URBAN AIR POLLUTION: ISSUES AND MANAGEMENT**" under R&D talk series has been organised by Civil Engineering Department on 24th August, 2023 during 11:00 am-1:00 pm at N.J. Seminar Hall for the students of B.Tech III and B.E IV year and M.Tech II Environmental Engineering . The expert talk has been conducted by Dr. Namrata Jariwala, Assistant Professor, Saradar Vallabhbhai National Institute of Technology (SVNIT), Surat.

ABOUT THE SPEAKER:

Dr.Namrata Jariwala is an Assistant Professor in Department of Civil Engineering, Saradar Vallabhbhai National Institute of Technology (SVNIT), Surat. She is guiding M.Tech and Ph.D students currently for research work. Also actively handle various consultancies in Environmental Engineering domain with SMC and industries. She has published research paper in national and international journals. Also published chapters in reference books. She has 17 years of progressive experience and successful contribution in area of Environmental Engineering.

KNOWLEDGE SHARED IN EXPERT LECTURE:

The lecture started with brief talk about the urban air pollution history and pollution scenario in India. She also focused on causes, effects, different conventional and modern techniques adopted for air pollution monitoring. The lecture included AQI of Indian cities, especially analysis of air quality in various zones of Surat city with respect to spatial and temporal variation. The talk was further focussed on regulations air quality standards and scope of Environmental Engineering domain.



Why monitoring of Air???

- ✓ To identify & measure air pollutants.
- ✓ To monitor personal exposures to chemicals.
- ✓ To assess the environmental impact of manufacturing processes.
- ✓ To comply with government regulations.
- ✓ To identify the source of the pollutants.
- ✓ To evaluate the effectiveness of engineering controls (i.e., ventilation)

URBAN AIR POLLUTION: ISSUES AND MANAGEMENT

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सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सुरत
Sardar Vallabhbhai National Institute of Technology, Surat

More than 100 students of B.Tech III and B.E IV Civil Engineering and M.Tech Environmental Engineering had attended the expert talk. The talk concluded with the expert -Student -faculty interaction about the importance of sensitizing people for effective air pollution management in Surat and India at large.

We are very much thankful to Head of the Department, CED, Dr. Mehali Mehta, respected principal Dr. Hiren Patel and Dean, Research and Development, Dr. Utpal Pandya, for their support. This is how one more successful event has been credited to the Faculty of civil engineering.





Acknowledgement:

We are thankful to SES and SCET college for continuously inspiring the faculties for achieving academic excellence. We are thankful to the Principal Sir and HOD madam and Dean R&D for helping and guiding us whenever required. We also acknowledge the ISTE-SCET student chapter for their involvement.