



International Seminar on

AIR QUALITY MONITORING AND MODELLING 2023

on
02 Nov 2023 to 04 Nov 2023

Kumaraguru College of Technology

Organized by

Department of
Civil Engineering
Kumaraguru College of Technology
Coimbatore 641 049

About The Event

The “International Seminar on Air Quality Monitoring and Modeling 2023” is a comprehensive event designed to address critical issues related to air quality on a global scale. The seminar aims to bring together experts, researchers, and practitioners to explore advancements, share insights, and foster collaboration in the field of air quality monitoring and modeling. The event will consist of insightful sessions covering various aspects of ambient air quality, personal exposure monitoring, and the health effects associated with ambient and personal exposure to air pollutants.

THEMES AND SUB-THEMES

Ambient Air Quality Monitoring and Modeling:

- Advances in Atmospheric Monitoring Technologies
- Urban Air Quality Management Strategies
- Modeling Approaches for Air Quality Prediction
- Emerging Trends in Source Apportionment

Health Effects due to Ambient and Personal Exposure:

- Epidemiological Studies on Air Quality and Public Health
- Linking Air Quality Data to Health Outcomes
- Vulnerable Populations and Differential Health Effects
- Intervention and Policy Implications for Health Protection

Personal Exposure Monitoring and Modeling:

- Wearable Technologies for Personal Air Quality Monitoring
- Innovative Approaches to Individual Exposure Assessment
 - Mobile Sensing and Personal Exposure Modeling
 - Real-time Monitoring for Occupational Exposures
 - Impacts of Indoor Air Quality on Personal Exposure



Seminar Outcomes:

Knowledge Exchange:

- Facilitate the exchange of cutting-edge research and knowledge among participants.
- Foster collaboration among researchers, practitioners, and policymakers.

Innovative Solutions:

- Explore and showcase innovative technologies and methodologies in air quality monitoring and modeling.
- Identify gaps and propose solutions for improving monitoring accuracy and coverage.

Policy Implications:

- Discuss the policy implications of research findings for better air quality management and regulation.
- Provide insights for policymakers to develop effective strategies for air quality improvement.

Networking and Collaboration:

- Create a platform for networking and collaboration among participants from academia, industry, and governmental organizations.
- Promote interdisciplinary approaches to address complex air quality challenges.

Public Awareness:

- Raise public awareness regarding the health impacts of air pollution.
- Encourage community involvement in addressing air quality issues.

The seminar aims to contribute significantly to the advancement of knowledge, technological innovation, and policy development in the crucial domain of air quality monitoring and modeling.

Workshop – 02 November, 2023

- Hands-on training on QGIS
- Open Foam (CFD)

Registration

Seminar + Workshop – ₹750

Seminar – ₹500

Workshop – ₹300

Seminar – 03 & 04 November, 2023

Groundbreaking sessions on

- Ambient Air Quality Monitoring & Modeling
- Personal Exposure Monitoring & Modeling
- Health Effects due to Ambient & Personal Exposure

Contact us at: kctair.qualityhub@gmail.com

Register at
bit.ly/airqualitymonitoring2023

COMMITTEE

Chief Patron

Shri Shankar Vanavarayar

Joint Correspondent, Kumaraguru Institutions

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Patron

Dr. D Saravanan

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SPEAKERS



Prof S M Shiva Nagendra



Prof John Kuruvilla



Dr Pallavi Pant



Prof S Sankar Sambandham



Prof B Srimuruganandam



Dr Sneha Gautam



Dr Naveen Puttaswamy



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