



# Indian Institute of Technology Bombay (IIT Bombay)

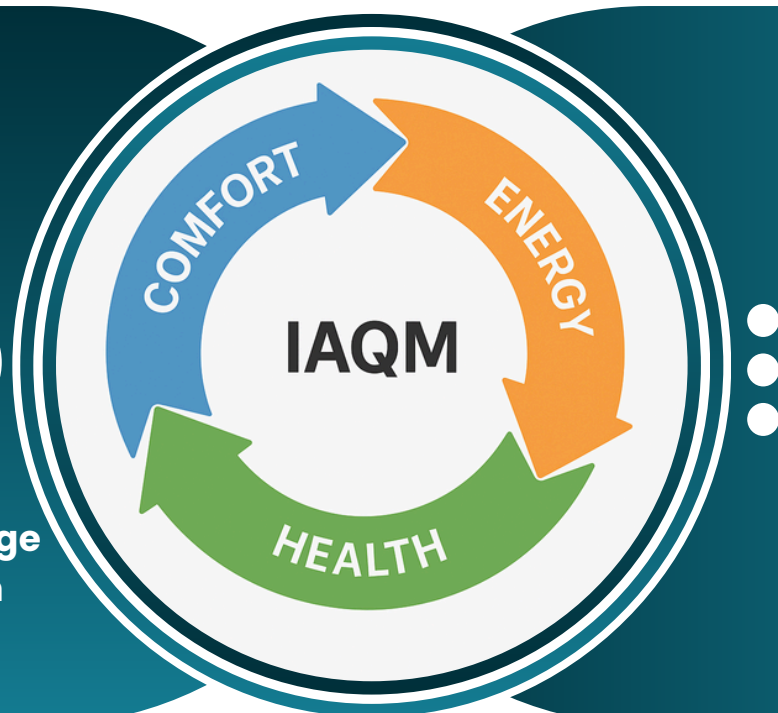
## Industrial Research and Consultancy Centre (IRCC)'s

Industry Day  
on

# INDOOR AIR QUALITY MANAGEMENT (IAQM)

28th June, 2025

A vibrant platform for sharing cutting-edge  
research and advanced technologies in  
Indoor Air Quality Management.



We're excited to announce Industry Day on **Indoor Air Quality Management (IAQM)**, uniting experts, researchers, industry leaders, and policymakers to explore the latest innovations, challenges, and solutions for healthy indoor environments.



IoT-based sensor networks



Regulatory frameworks Impacting  
IAQ



CFD-driven air modelling for simulations of  
airflow, infectivity risk, and pollutant dispersion



Full-size testbeds for real-world IAQ  
experiments



SCAN HERE FOR REGISTRATION



Room No. 21, 2<sup>nd</sup> Floor, VMCC, IIT Bombay



Saturday, 28th June, 2025

Mr. Pushpesh Singh

Ms. Tanvi Mehta



+91 96993 77775



+91 9869763467



30004653@iitb.ac.in



tanvi.mehta@iitb.ac.in

# INDOOR AIR QUALITY MANAGEMENT (IAQM)

## AGENDA:

**Exploring Critical Themes:** Sessions on the intersection of infectivity, comfort, energy, and health in indoor environments.

**Showcasing Innovation:** Highlights of IIT Bombay's work in CFD-driven air modelling, IoT-based sensor technologies, and full-scale testbeds for IAQ experimentation.

**Collaborative Dialogue:** Open Sessions and networking opportunities to align academic research with real-world industry needs and policy frameworks.

### UNDERSTAND

- **Key IAQ factors:**  
Pollutants, ventilation, and environmental controls.
- **Expert insights:**  
Airflow, infectivity risks, and IAQ science.
- **Smart systems:**  
Data-driven tools for effective IAQ management.

### SHARE

- **Share experiences and case studies** on IAQ from research, industry, and policy.
- **Highlight insights from full-scale testbeds** balancing comfort, energy, and infection control.
- **Engage in poster sessions, lightning talks, and networking** to foster cross-sector collaboration.

### DISCUSS

- **Open Sessions** on IAQ challenges and future directions.
- **Key topics:** Regulations, smart tech, energy-efficient ventilation, and infection risk mitigation.
- **Focus on collaboration** to promote sustainable and health-focused IAQ solutions.



Room No. 21, 2<sup>nd</sup> Floor, VMCC, IIT Bombay



Saturday, 28th June, 2025

Mr. Pushpesh Singh  
Ms. Tanvi Mehta



+91 96993 77775



+91 9869763467



30004653@iitb.ac.in



tanvi.mehta@iitb.ac.in