



Indian Institute of Technology Bombay (IIT Bombay)

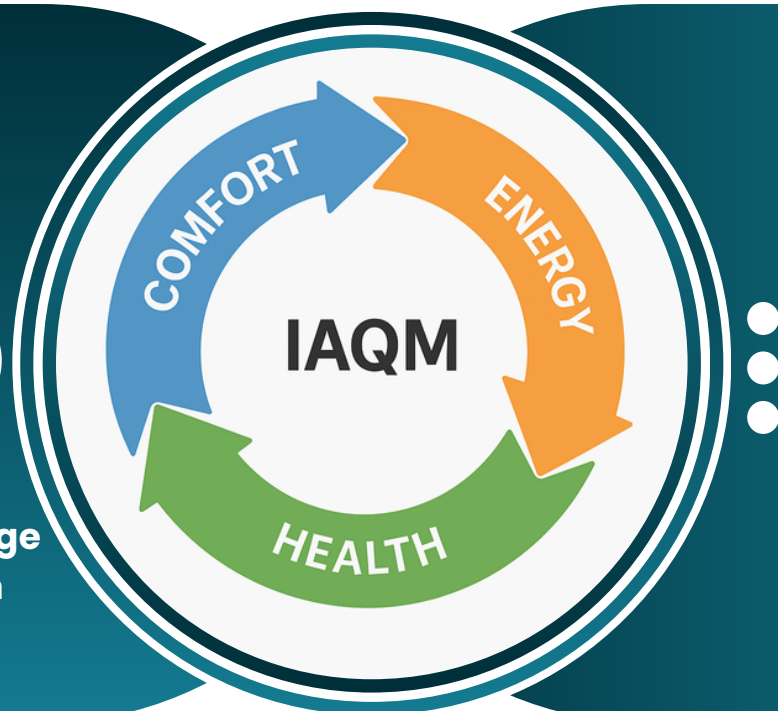
Industrial Research and Consultancy Centre (IRCC)'s

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, 2nd Floor, VMCC, IIT Bombay



Saturday, 28th June, 2025

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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.



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