DEPARTMENT OF CIVIL ENGINEERING

International Conference on

Air Quality Monitoring and Modelling

AQMM'26

15–16 October 2026 • Kumaraguru College of Technology, Coimbatore

Programme at a Glance

Day 1 **Thursday, 15 October 2026**

Venue: SKT, KCT Campus

Inauguration • Keynote addresses • Panel discussion: Clean Air for Healthy Life • Parallel paper presentations (Online and Tracks 1–3)

Day 2 **Friday, 16 October 2026**

Venue: Vivekananda Hall, KCT Campus

Keynote addresses • paper presentations • Valediction

Conference Schedule

All times are in Indian Standard Time (IST).

DAY 1 Thursday, 15 October 2026 | Venue: SKT, KCT Campus

TIME (IST)	SESSION / ACTIVITY	SPEAKER / CHAIR
9.30 – 10.30 am	**Inauguration**	**Dr. Rajasekhar Balasubramanian** Keppel Professor in Sustainability Solutions Department of Civil and Environmental Engineering, National University of Singapore Singapore ***Chief Guest***
10.30 – 11.00 am	*High Tea*	
11.00 – 11.30 am	**Keynote Address** **Title:** *Emerging technologies for air quality monitoring, modelling, and control of air pollution*	**Dr. Shiva Nagendra S. M.** Professor, Department of Civil Engineering IIT Madras
11.30 am – 12.15 pm	**Panel Discussion** **Topic:** *Clean Air for Healthy Life*	MODERATOR **Mr. Senthil Kumar** PANELLISTS Dr. Rajasekhar Balasubramanian Dr. Krishnamurthi Dr. Shiva Nagendra S. M. Dr. Srimuruganandam Dr. Prakash Mr. Sreejith

12.15 – 1.45 pm	*Lunch Break*	
1.45 – 2.15 pm	**Keynote Address (Online)** **Title:** *Indoor Air Quality: Indoor Sources, Outdoor Infiltration, and Evidence from Measurements, Modelling and Literature*	**Dr. Christos Halios** Lecturer-School of Construction Management and Engineering University of Reading, United Kingdom
2.15 – 2.45 pm	**Keynote Address** **Title:** *Air pollution–associated nitro-PAHs stimulate ROS production leading to oxidative and genotoxic stress*	**Dr. K. Krishnamurthi** Professor, AcSIR; Chief Scientist and Head, Health and Toxicity Cell CSIR-NEERI, Nagpur
2.45 – 3.15 pm	**Keynote Address** **Title:** *Size-Segregated Particulate Matter in Urban Environments - Research Insights*	**Dr. B. Srimuruganandam** Professor and Director, Centre for Clean Environment Environmental and Water Resources Engineering VIT Vellore
3.15 – 3.30 pm	*Tea Break*	

PARALLEL PAPER PRESENTATIONS **3.30 – 6.00 pm** *(Online session: 3.30 – 4.30 pm)*

Online	**Venue: Online (hosted at SKT)** Session In-charge: **Dr. Gowtham**	SESSION CHAIRS **Dr. Srimuruganandham** **Dr. Gowtham**
Track 1	**Venue: Seminar Hall C (physical mode)** Session In-charge: **Mr. K. R. P. Satheesh Kumar**	SESSION CHAIRS **Dr. K. Krishnamurthi** **Dr. Nithyalakshmi**
Track 2	**Venue: Seminar Hall D (physical mode)** Session In-charge: **Mrs. S. Anita**	SESSION CHAIRS **Dr. Prakash** **Dr. A. Geethakarthi**
Track 3	**Venue: LT1 (physical mode)** Session In-charge: **Dr. G. L. Sathyamoorthy**	SESSION CHAIRS **Mr. Senthil Kumar Natesan** **Dr. G. L. Sathyamoorthy**

DAY 2 Friday, 16 October 2026 | Venue: Vivekananda Hall, KCT Campus

TIME (IST)	SESSION / ACTIVITY	SPEAKER / CHAIR
9.00 – 9.45 am	**Keynote Address** **Title:** *Clean Air for All: From Science to Solutions*	**Dr. Rajasekhar Balasubramanian** Keppel Professor in Sustainability Solutions Department of Civil and Environmental Engineering, National University of Singapore Singapore
9.45 – 10.30 am	**Keynote Address** **Title:** *From Science to Policy*	**Dr. Prakash Doraiswamy** Sector Head – Air Quality CSTEP, Bengaluru
10.30 – 10.45 am	*Tea Break*	
10.45 – 11.15 am	**Keynote Address** **Title:** *Beyond the Monitoring Stations Network: Fusing AI, Satellite Data, and Edge Computing for Real-Time Air Quality Governance*	**Mr. Senthil Kumar Natesan** Chief Operating Officer and Designated Partner Global Lab and Consultancy Services LLP (GLCS), Salem
11.15 – 11.45 am	**Keynote Address** **Title:** *CFD-based hybrid digital twin for air quality modelling, pollutant source apportionment and real-time forecasting*	**Mr. Sreejith K. V.** Senior Techno-Commercial Manager Fluidyn, Bengaluru
PARALLEL PAPER PRESENTATIONS	**11.45 am – 1.30 pm**	
Track 4	**Venue: Seminar Hall D (physical mode)** Session In-charge: **Mr. K. R. P. Satheesh Kumar**	**SESSION CHAIRS** **Mr. Sreejith** **Mr. K. R. P. Satheesh Kumar**
12.30 – 2.00 pm	*Lunch Break*	
2.00 – 2.30 pm	**Keynote Address**	**Dr. Mehdi Shahrestani** Associate Professor in Sustainable Technologies University of Reading, UK
2.30 – 3.00 pm	**Keynote Address** **Title:** *Urban wetlands as buffers against airborne microplastics and associated pollutants: Implications for public health and sustainable urban management*	**Dr. Sneha Gautam** Professor (Research) and Head, Water Institute – Centre of Excellence Karunya Institute of Technology and Sciences Coimbatore, Tamil Nadu, India
3.00 – 3.30 pm	**Valediction Ceremony**	**Dr. Rajasekhar Balasubramanian**