AQMM 2026 – Track 1 (12 teams)

Session Incharge: KRP SatheeshKumar,

Session Chair: Dr. K.Krishnamurthy, Dr. B. NithyaLakshmi

Venue: Swami Vivekananda Hall

Themes:

1. Air Quality Monitoring and Instrumentation.
2. Atmospheric Modelling and Forecasting.
3. Artificial Intelligence and Environmental Data Analytics.

Student Details and Presentation Titles

S. No	ID No	Name	Title	Theme Name	Time
1	3	Divya Bharathi M	Air pollution monitoring for Saravanampatti, Coimbatore.	Air Quality Monitoring and Instrumentation	3:30 PM – 3:42 PM
2	4	Balachandhar M	Air pollution monitoring at dumping yard	Air Quality Monitoring and Instrumentation	3:42 PM – 3:54 PM
3	23	Sivashree K	Analysing of PM2.5 in construction site	Air Quality Monitoring and Instrumentation	3:54 PM – 4:06 PM
5	46	Swetha SR	Analysis of Air Pollution around Vellalur Dumping yard Coimbatore	Air Quality Monitoring and Instrumentation	4:18 PM – 4:30 PM

S. No	ID No	Name	Title	Theme Name	Time
6	88	Gobika, CIBI	Impact of Construction Activities on Ambient Air Quality	Air Quality Monitoring and Instrumentation	4:30 PM – 4:42 PM
7	92	Divya naga poojith	Seasonal variability of ambient air pollutants and their infulence on air quality in urban area chennai	Air Quality Monitoring and Instrumentation	4:42 PM – 4:54 PM
8	89	Harshad Rathod	High -Precision Air Quality and Gas Leakage Monitoring Using Multi-Sensor Fusion for Residential and Industrial Safety	Air Quality Monitoring and Instrumentation	4:54 PM – 5:06 PM
9	1	Akash Murugan	Analysis and Dispersion of Air Pollution for SIDCO, CBE	Atmospheric Modelling and Forecasting	5:06 PM – 5:18 PM
10	67	Varshini Manickam	PM. Forecasting in Tamil Nadu: An ARIMA-Based Time-Series Approach Using CPCB Ground Monitoring Data	Atmospheric Modelling and Forecasting	5:18 PM – 5:30 PM
11	27	Krishnakaarthik T	AI-DRIVEN PRECISION AGRICULTURE SYSTEM FOR DISEASE AND PEST DETECTION WITH GPS MAPPING AND AUTONOMOUS PESTICIDE SPRAYIN	Artificial Intelligence and Environmental Data Analytics	5:30 PM – 5:42 PM
12	50	Sabrein S	AI-Driven Plant Stress Detection Using VOC Signals and Biosensors: A Low-Cost Sensing Framework for Precision Agriculture	Artificial Intelligence and Environmental Data Analytics	5:42PM – 5:54 PM
13	45	SRISOWBARNIKA SRIDHAR	AI - Based Dynamic Intersection Risk Prediction and Adaptive Traffic Safety System Using Computer Vision	Transportation, Mobility and Air Quality	