

IIT Bombay’s Industry Day on Indoor Air Quality Management				
28th June 2025, Saturday				
Registration and Breakfast			830	930
Inauguration Ceremony				
Welcome Address		Prof. Krishnendu Sinha, Department of Aerospace Engineering, IIT Bombay	930	932
Opening Address		Prof. K V Krishna Rao, Deputy Director (FIA), IIT Bombay	932	937
Plenary Address		Prof. Sachin Patwardhan, Dean Research and Development, IIT Bombay	937	940
Keynote Address		Prof. Leena Vachhani, Associate Dean Research and Development, IIT Bombay	940	955
Session 1.		Technical Presentation		
IoT based Ventilation with respect to Health, Energy and comfort		Prof. Krishnendu Sinha, Department of Aerospace Engineering, IIT Bombay	1000	1015
Computational Fluid dynamics of classroom ventilation		Prof. Rajneesh Bharadwaj, Department of Mechanical Engineering, IIT Bombay	1015	1025
Effect of ventilation on infectivity		Prof. Sarika Mehra, Dept. of Chemical Engineering, IIT Bombay / Prof. Manaswita Bose, Dept. of Energy Science and Engineering, IIT Bombay	1025	1035
CO2 for establishing ventilation and health metrics		Prof. Srinidhi Balasubramanian, Dept. of Environmental Science & Engineering Department, IIT Bombay	1035	1045
Optimizing Comfort and Energy in Buildings		Prof. Anupama Kowli, Department of Electrical Engineering, IIT Bombay	1045	1055
Automated ventilation for Healthy classrooms at IIT Bombay		Pushpesh Singh, Project Manager, Department of Aerospace Engineering, IIT Bombay	1055	1100
Tea Break			1100	1115
Session 2.		Poster Presentaion and Lab Visit		
Poster Presentation		By IIT Bombay researchers and Industry participants	1115	1200
Lab Visit		Coordinated by Project staff working on IAQ projects at IIT Bombay	1200	1245
Lunch Break			1300	1400
Session 3.		IIT Bombay Collaboration Mechanism		
Industrial Research and Consultancy Centre (IRCC)		Prof. Sachin Patwardhan, Dean Research and Development IIT Bombay	1400	1415
IIT Bombay Research Park (ASPIRE)		Prof. Vikram Vishal, Professor in-charge, Research Park IIT Bombay	1415	1430
Development and Relations Foundation (DRF)		Ms. Nidhi Mathur, Chief Operating Officer, Development and Relations Foundations (DRF) IIT Bombay	1430	1445
Technology Innovation Hub (TIH)		Prof. Chandra Sekhar Yerramalli, Professor in-charge, Technology Innovation Hub (TIH) IIT Bombay	1445	1500
Educational Outreach (EO)		Mr. Ajey Mehta, Chief Executive Officer, Educational Outreach (EO) IIT Bombay	1500	1515
Society for Innovation and Entrepreneurship (SINE)		Prof. Nishant Sharma, Professor in-charge, Society for Innovation and Entrepreneurship (SINE) IIT Bombay	1515	1530
Tea Break			1530	1545
Session 4.		Industry Presentation and Panel Discussion		
Industry Presentation		Recent industry trends in IAQ and HVAC for indoor environments	1545	1615
Panel Discussion - Educational campus as a microcosm of urban indoor environment		Prof. S. Sudarshan (IITB), Dr. Rakesh Kumar (President SIE), Prof. Virendra Sethi (IITB), Dr. Vijay Kumar (Pediatrician)	1615	1715
Closing Session			1715	1730