



# International Conference on Thermal Sciences and Sustainable Energy (ICTSE-2026)

January 23-24, 2026

Department of Mechanical Engineering,

National Institute of Technology Warangal, Hanumkonda – 506004, Telangana, India

## Program Schedule

23-01-2026 – Day 1 (Friday)										
Registration and Inauguration– Ambedkar Learning Centre										
8:00 – 9:00	Reception and Registration									
9:00 – 10:05	Inauguration									
10:05 - 10:40	Group photo session and High Tea									
Keynote Sessions (Ambedkar Learning Centre)										
10:40 – 11:15	KN-1: Prof. Alexandre Presas Batlló, Director, CDIF-UPC, Spain									
11:15 – 11:50	KN-2: Dr. S.V. Ramana Murty, Director, Gas Turbine Research Establishment, Bengaluru, India									
11:50 – 12:25	KN-3: Prof. P S Lee, NUS Singapore									
LUNCH BREAK (12:30 – 14:00)										
Session 1 – 14:00 – 15:00 (Seminar Hall Complex)										
T1 (Thermal Sciences) Heat Transfer Enhancement Techniques and devices	T2 (Thermal Sciences) Refrigeration and Air conditioning	E1 (Energy and Sustainability) Solar Energy Equipment and Processes	E2 Energy and Sustainability Waste to energy	F1 Fluid Sciences Biofluidics, Compressible fluid flow	F2 Fluid Sciences Multiphase Flows					
T501, T504, T506, T508, T509	T902, T907, T909, T912, T913, T914	E702, E703, E705, E706, E730	E805, E806, E809, E812, E814	F201, F202, F204, F205, F301	F702, F901, F902, F906, F909, F801					
Keynote Sessions (Seminar Hall Complex)										
15:05 – 15:40	KN-4: Prof. Prakash C Ghosh, IIT Bombay									
TEA BREAK (15:40 – 16:00)										
Session 2 – 16:00 – 17:50 (Seminar Hall Complex)										
T3 (Thermal Sciences) Heat Transfer Enhancement Techniques and devices	T4 (Thermal Sciences) Combustion, IC engines	E3 (Energy and Sustainability) Solar Energy, Equipment and Processes	E4 Energy and Sustainability Fuel cell, Wind turbines, Nuclear Energy	F3 Fluid Sciences Aerodynamics	M1 Interdisciplinary AI/ML for thermohydraulic systems					
T511, T516, T517, T518, T519, T520, T523, T524, T525	T202, T203, T204, T205, T703, T704, T706, T708, T709, T716	E709, E710, E711, E714, E715, E716, E717, E718	E304, E601, E901, E902, E906, E815, E213	F101, F102, F103, F104, F105, F108, F114, F404	M101, M102, M301, M501, M510, M517					
SPECIAL DINNER (19:30 – 21:30)										

24-01-2026 – Day 2 (Saturday)

**Keynote Sessions (Seminar Hall Complex)**

**9:30 – 10:10** KN-5: Prof. Tanmay Basak, IIT Madras

**10:10 – 10:50** KN-6: Prof. P. Sankar Ganesh, BITS Pilani Hyderabad

**TEA BREAK (10:50 – 11:15)**

**Session 3 – 11:15 – 13:00 (Seminar Hall Complex)**

T5 <b>(Thermal Sciences)</b> Thermal Management of EV components	T6 <b>(Thermal Sciences)</b> Electronics and electrical equipment Cooling, Micro and nanoscale heat transfer	E5 <b>(Energy and Sustainability)</b> Solar Energy Equipment and Processes, Waste to energy	E6 <b>Energy and Sustainability</b> Biofuels and Biomass Energy Storage Systems	F4 <b>Fluid Sciences</b> Fluid structure interaction, Hydro machinery, Turbulent Flows	M2 <b>Interdisciplinary</b> Heat and fluid flow in advanced manufacturing techniques, Relevant topics
T101, T104, T105, T106, T107, T108, T109, T114,	T301, T302, T303, T305, T306, T801, T803, T804, T602	E719, E724, E726, E727, E728, E731, E804, E810, E818	E107, E108, E110, E111, E207, E209, E007	F601, F603, F704, F707, F001, F002, F003, F004, F005, F008	M202, M203, M511, M512, M513, M516, M518, M520

**LUNCH BREAK (13:00 – 14:30)**

**Session 4 – 14:30 – 16:10 (Seminar Hall Complex)**

T7 <b>(Thermal Sciences)</b> Thermal Management of EV components,	T8 <b>(Thermal Sciences)</b> IC engines	T9 <b>(Thermal Sciences)</b> Relevant Topics	Online 1 Relevant Topics	Online 2 Relevant Topics	Online 3 Relevant Topics
T116, T119, T120, T121, T122, T123, T513	T710, T711, T712, T713, T717, T908	T001, T003, T004, T005, T006, T007, T008, T012, T013	E005, E011, E212, E214, E301, E302	T503, T521, T014, T802, E701, E905	F122, F502, M104, M105, M204, M508, M107, M205, T308

**Valedictory Session 16:20 – 17:00**

**High Tea**

Sessions	Room
T1, T3, T5, T7	Bose hall
T2, T4, T6, T8	Homi Bhabha hall
E1, E3, E5, T9	Ramanujan hall
E2, E4, E6, Online 1	Raman Hall
F1, F3, F4, Online 2	Khurana hall
F2, M1, M2, Online 3	Chandrashekhar hall