



# 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									
Session 1 – 12:00 – 13:00 (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, T503, T504, T506, T508	T902, T907, T909, T912, T913	E701, E702, E703, E705, E706	E805, E806, E809, E812, E814	F201, F202, F204, F205, F301	F901, F902, F906, F909, F801					
LUNCH BREAK (13:00 – 14:30)										
Keynote Sessions (Seminar Hall Complex)										
14:30 – 15:05	KN-3: Prof. P S Lee, NUS Singapore									
15:05 – 15:40	KN-4: Prof. Prakash C Ghosh, IIT Bombay									
TEA BREAK (15:40 – 16:00)										
Session 2 – 16:00 – 17:40 (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					
T509, T511, T513, T516, T517, T518, T519, T520, T525	T202, T203, T204, T205, T703, T704, T706, T708,	E709, E710, E711, E714, E715, E716, E717, E718,	E301, E304, E601, E901, E902, E906	F101, F102, F103, F104, F105, F108, F001, F002,	M101, M102, M104, M105, M107, M205, M301, M510,					
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) Thermal Management of EV components</b>	T6 <b>(Thermal Sciences) Electronics and electrical equipment Cooling, Micro and nanoscale heat transfer</b>	E5 <b>(Energy and Sustainability) Biofuels and Biomass Energy Storage Systems</b>	E6 <b>Energy and Sustainability Solar Energy Equipment and Processes, Waste to energy</b>	F4 <b>Fluid Sciences Fluid structure interaction, Hydro machinery, Turbulent Flows</b>	M2 <b>Interdisciplinary Heat and fluid flow in advanced manufacturing techniques , Relevant topics</b>
T101, T104, T105, T106, T107, T108, T109, T114,	T301, T303, T305, T306, T308, T801, T802, T803, T804	E107, E108, E110, E111, E207, E213, E214,	E719, E726, E730, E731, E815, E818, E005, E007,	F601, F603, F702, F707, F002, F003, F004, F004, F005	M202, M203, M204, 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) Thermal Management of EV components</b>	T8 <b>(Thermal Sciences) IC engines</b>	T9 <b>(Energy and Sustainability) Biofuels and Biomass Energy Storage Systems</b>	Online		
T119, T120, T121, T122, T123	T710, T711, T712, T716	T001, T003, T004, T005, T006, T007, T008, T014,	E011, E212, E302, E905, F502, M508, T523, T524,		

**Valedictory and Award Session 16:20 – 17:00**

**High Tea**