



Symposium on Advances in Heat Transfer and Thermal Energy Systems

In honour of the distinguished career of

Prof. Pradip Dutta

Professor, Department of Mechanical Engineering and Interdisciplinary Centre for Energy Research (ICER), IISc

DATE Saturday, 11 July 2026

VENUE A.R. Auditorium, Dept. of ME, IISc

Programme Schedule

TIME	SESSION	PROGRAMME DETAILS
9:30 – 10:30	Inauguration	Welcome Address - Chair, Department of Mechanical Engineering, IISc Inaugural Address - Prof. Satyam Suwas, Dean, Mechanical Sciences Division, IISc Inaugural Address - Prof. Navakanta Bhat, Dean, Interdisciplinary Sciences Division, IISc
10:30 – 11:30	Technical Session 1	Prof. Suman Chakraborty - Transport Phenomena Without Boundaries: From Materials to Life Dr. Abhijit Avinash Adoni - Role of Heat Transport and Heat Storage Devices in Spacecraft TCS Prof. Gandham Phanikumar - Thermal simulations in Integrated Computational Materials Engineering
11:30 – 11:50	Tea Break	
11:50 – 12:50	Technical Session 2	Prof. Sandip Saha - Packed Bed Thermal Energy Storage: Modelling Approaches Dr. Diptimayee Samantaray - Structural Materials Development for Indian Fast Reactor and Advanced Ultra Super Critical Power Plants Dr. Kali Charan Nayak : Thermal Challenges in Advanced Gas Turbine Engines
13:00 – 14:00	Lunch Break	
14:00 – 15:20	Technical Session 3	Prof. Anirban Bhattacharya - Pore-scale modelling of phase change in porous foam based structures Mr. Harish Jagadish - Thermal Management of Electronic packages in the Compute Industry Special Address - Prof. Pradip Dutta
15:20 – 15:40	Tea Break	
15:40 – 18:00	Reminiscences	Sharing memories and experiences with Prof. Dutta

