

Session Plan

Five Days Online Faculty Development Program

Sponsored

All India Council for Technical Education

Experimental and Computational Methods in Fluid Flow and Heat Transfer in Engineering Applications

February 15th - 19th -2021

Organizing by: National Institute of Technology Manipur

Date-Day	Session 1 Slot Time (10 AM-11:30AM)	Session 2 Slot Time (11:30 AM-1 PM)	Session 3 Slot Time (03 PM-04:30PM)
15/02/21 (Monday) Day-1	Inaugural Session -----Fix-----	Prof Atul Sharma IIT Bombay Introduction to CFD Development , Application and Analysis	Prof U S Dixit IIT Guwahati Pedagogy
16/02/21 (Tuesday) Day-2	Session 4 Slot Time (10 AM-11:30AM) Prof Atul Sharma IIT Bombay Computational Multi-Phase Dynamics : Multi-Fluid and Fluid Structure Interactions	Session 5 Slot Time (12 PM-01:30 PM) Prof Janani IIT Bombay Modelling of Boiling Heat transfer	Session 6 Slot Time (03 PM-04:30PM) Prof B Premachandran IIT Delhi Computational Fluid Flow and Heat Transfer Industrial Application
17/02/21(Wednesday) Day-3	Session 7 Slot Time (10 AM-11:30AM) Prof S R Kale IIT Delhi Making Laboratory Education more Hands- on, exciting , innovative –Role of faculty Part1	Session 8 Slot Time (12 PM-01:30 PM) Prof S R Kale IIT Delhi Making Laboratory Education more Hands- on, exciting , innovative –Role of faculty Part2	Session 9 Slot Time (03 PM-04:30PM) Prof M R Ravi IIT Delhi Combustion related measurements and experimentation.
18/02/21(Thursday) Day-4	Session 10 Slot Time (10 AM-11:30AM) Prof K Muralidhar IIT Kanpur Optical Measurement Techniques	Session 11 Slot Time (12 PM-01:30PM) Prof. Prabal Talukdar IIT Delhi CFD and heat transfer modelling of steel billet in continuous casting	Session 12 Slot Time (03 PM-04:30PM) Prof. P M V Subbarao IIT Delhi Micro-channel Heat Sinks
19/02/21(Friday) Day-5	Session 13 Slot Time (10 AM-11:30 AM) Prof Niranjana Sahoo IIT Guwahati Compressible flow	Session 14 Slot Time (12 PM-01:30PM) Prof. Sameer Khandekar IIT Kanpur Loop Heat Pipes for Avionics and Terrestrial Applications	Session 15 Slot Time (03 PM-04:30 PM) Valedictory and Test Session -----Fix-----