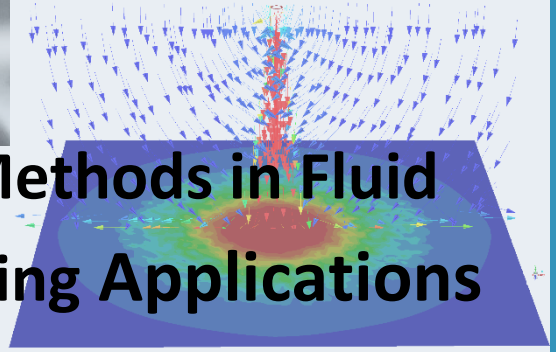
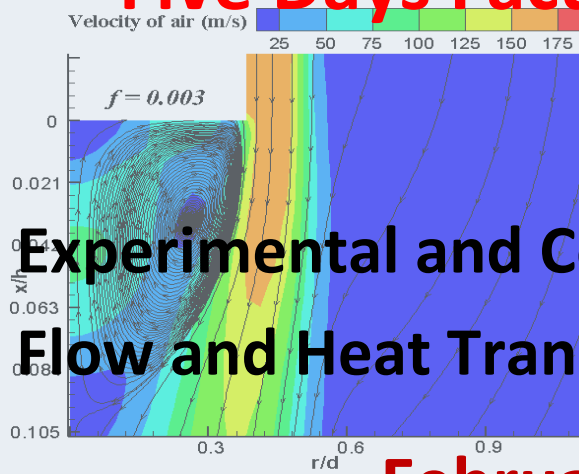


Five Days Faculty Development Program



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

February 15th to 19th, 2021



National Institute of Technology Manipur, India centrally government funded institution is set up to impart quality technical education at various levels of higher learning. It is one of the ten new NITs established and developed as “**Institute of National Importance**” by an act of Parliament in 2007. As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers **Bachelor of Technology, Master of Technology, Master of Science** and **PhD** programmes in several disciplines of Engineering, Technology and Sciences.

ORGANIZING COMMITTEE

Patron

Professor (Dr.) Goutam Sutradar
Director, National Institute of Technology, Manipur

Course Coordinator

Dr. Dushyant Singh
Assistant Professor
Department of Mechanical Engineering
National Institute of Technology, Manipur

Sponsored by
All India Council for Technical Education (AICTE)
Govt. of India

Organized By:

National Institute of Technology Manipur
West-Imphal, Manipur, India- 795004



ABOUT THE COURSE

Experimental and computational fluid flow and heat transfer analysis is used in solving the simple to complex phenomena of real-life problems and industrial applications. These methods are important in furthering a variety of fields such as Mechanical Engineering, Civil Engineering, Chemical Engineering, Aerospace Engineering, Oceanography, Meteorology, Marine and Naval Engineering etc. Therefore, the scopes of experimental and computational methods have tremendously been increased in recent years for understanding the details of fluid flow and heat transfer characteristics occurring in many real industry applications. The proposed faculty development program is designed to enhance and strengthen the basic knowledge on theoretical concepts as well as experimental measurement techniques and computational methods in fluid mechanics and heat transfer for faculty members and staff of AICTE recognized institute and engineering colleges all over North-East India.

LEARNING OUTCOME

The main objective of the program is to teach the basics of experimental and computational methods in fluid flow and heat transfer to the participants. The participants will learn to assess the accuracy and to interpret the meaning of the experimental and computational results in fluid flow and heat relevant to industrial and natural processes. The participants will become aware about the merits and shortcoming of both the methods so that they can choose the most suitable approach for their future research work.

WHO CAN ATTEND THIS FDP THROUGH ONLINE?

Faculty members of AICTE recognized institute and engineering colleges all over North-East India. Industry professionals deputed by industry can also attend the FDP.

SELECTION CRITERIA

The selection of candidate will be based on educational qualification, working research area. It will be on first come first serve basis.

There is no registration fee for this course

Course schedule and Google Meet or Webex meeting links will be shared to selected participants on or before 14/02/21.

For any query, you can contact to the course coordinator

Dr. Dushyant Singh, Assistant Professor (ME), NIT Manipur-India

Email: cfdnitm@gmail.com or dushyant7raghu@gmail.com // Mb: +91-7085680624

Kindly register through this link: <https://forms.gle/xeQ8A5vYVDFNVXPV9>



Please consider that the number of seats is limited! Last Date of Registration *February 12, 2021.*