Introduction

Computational Fluid Dynamics (CFD) is extensively used in research and industry to solve complex fluid flow and heat transfer problems. Development of high performance computing and numerical algorithms has helped use of CFD in various basic and applied sciences. CFD is used in simulating range of fluid flow problems including weather prediction to biosciences. It has greatly influenced product development cycle in automotive and aerospace industries.

Objective

The course focuses lectures and practical sessions on the Computational Fluid Dynamics and Heat Transfer (CFD). In this workshop experts from reputed organizations will deliver lectures in basics of CFD and advanced applications. In addition, there will be practical training using Open-FOAM CFD software. Participants will get hand on training on simulating real life problems.

On completion of this programme, the participants will be able

- To use CFD software independently.
- To know the underlying principles of the software options.
- To be able to use the software options effectively.
- To be able to identify the pitfalls and steps to circumvent those.
- To check and validate the results.
- To know the possible applications and research areas.

Experts

- Dr. Devendra Deshmukh, IIT-Indore
- Dr. Shanmugam Dhinakaran, IIT-Indore
- Dr. Nikhil Shende, S & I Engineering Solutions Pvt. Ltd.
- Gopal Shinde, Assistant Consultant at TCS

Registration

The candidate can fill the form on link Registration Form or can send an email with contact details, affiliation and proof of payment snapshot for confirming registration.

Course Fee:

Rs. 6,000 (for students)
Rs. 8,000 (for a personnel from the academic /research organization)
Rs. 10,000 (for a industry personnel)
The course fee includes registration fee, breakfast, lunch, and tea for the entire course duration.

Mode Of Payment:

Registration fee can be paid through the bank transfer or DD
(For bank transfer: Bank Name: Canara Bank; A/C No. 1476101027440; Branch: IIT Indore, Simrol Campus Branch; IFSC Code: CNRB0006223).
(For DD, should be in the favor of 'The Registrar, IIT Indore' payable at Indore.
Registration can be done through e-mail mentioning name, affiliation, contact details and proof of fee payment snapshot

Number Of Seats: 20

A Short Term Course
On
COMPUTATIONAL FLUID DYNAMICS
AND HEAT TRANSFER
For Students & Practicing Professional
(1-6 July, 2018)

Course Coordinators

Dr. Devendra Deshmukh

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Important Dates:

Last date of sending registration form along with the course fee	24th June 2018 (Sunday)
Confirmation to the selected candidates	26th June 2018 (Tuesday)
Course dates	1-6 July, 2018 (Sun-Friday)