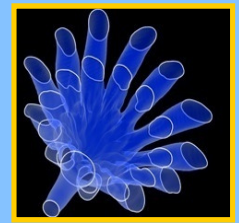




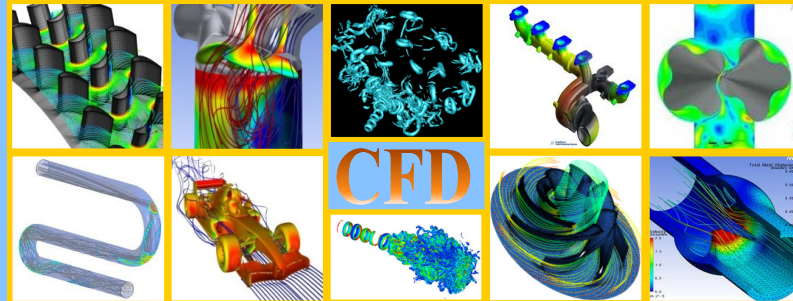
# Summer School

on

## Computational Fluid Dynamics (CFD) With OpenFOAM



May 24 – June 21, 2019  
(4-weeks)



### Objectives:

- The objective of the Summer School is to appreciate the open source CFD code OpenFOAM and simplify OpenFOAM use.
- This school will give a platform to the participant to understand the OpenFOAM from basics to advanced to programming level and finally execute small project.

### Important Features:

- Online Training material and access available till March 31, 2020.
- Basic understanding of OpenFOAM in the context of CFD
- Advanced and programming training will give inner detail of OpenFOAM
- Execution of **4 weeks project** in a group of 2-3 students.

### Scope of Summer School :

- Laminar-turbulent flows  
Turbulent modeling
- Heat transfer: Free/Forced convection;  
Conjugate heat transfer
- SRF/MRF
- Dynamic mesh motion/6DOF
- Two fluid flows/ VOF
- FSI
- Solver customization/development

### Target participants :

- M.Tech/M.E or Ph.D. research scholars who want to use OpenFOAM tool for their research.  
**NOTE: Basic knowledge of CFD is required to participate in the school.**

### Registration Details:

- Course Fees:
  - Category-I: UG/PG/Ph.D. Students Fees Rs. 25,000 (Includes online training material fees of Rs 12,000)
  - Category-II: Others Fees Rs. 40,000 (Includes online training material fees of Rs 20,000)
- Hostel accommodation charges: Rs. 250/- per day & food charge: Rs. 50/- per meal.
- Last date of Registration and Fee submission: April 19, 2019
- Event web page: <http://www.cfdtraining.org/summer-school-on-openfoam-2019.html>

### Glimpses of Summer School - 2016 :

- **No of participant: 42; No of Projects executed: 12; Papers published:10**

### Glimpses of Summer School - 2017 :

- **No of participant: 40; No of Projects executed: 10; Papers published:5**

### Glimpses of Summer School - 2018 :

- **No of participant: 40; No of Projects executed: 10; Papers published:5**

#### Coordinator:

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