

Online OpenFOAM CFD Workshop

Registration starts on



31 August 2020

FOSSEE, IIT Bombay is arranging online workshops to enhance your profile and skills in this lockdown situation. Now anyone can learn niche engineering software at the comfort of their home through these workshops. There will be two levels of these workshops:

ADVANCED

Workshop on Multiphase Flows using OpenFOAM



19 September 2020

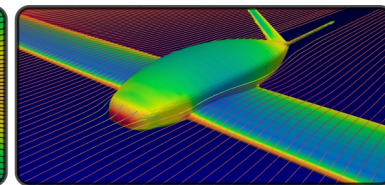
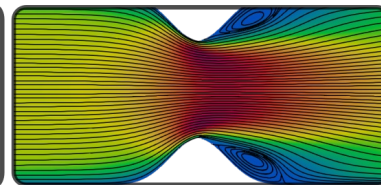
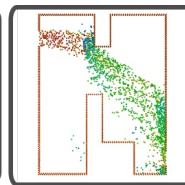
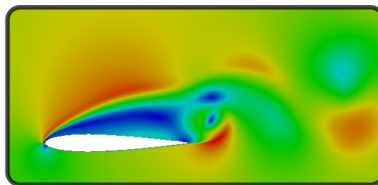
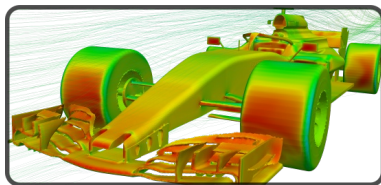
BEGINNER

OpenFOAM Workshop



26 September 2020

OpenFOAM is a free and open source software used to perform numerical simulations of fluid dynamics problems.



ADVANCED

Workshop on Multiphase Flows using OpenFOAM

Who can attend?:

Anyone who can solve CFD Problems (assigned by us) using OpenFOAM, within the stipulated time

The workshop will cover the following topics:

- Overview of OpenFOAM & CFD
- Theory of Multiphase CFD
- Multiphase CFD Problems using VOF and Eulerian methods
- Interaction with IITB Faculty with CFD expertise

Benefits:

- Certificate for attending the Advanced Workshop
- Learn Multiphase modelling in OpenFOAM
- Learn Advance tools to solve CFD Problem
- Can get selected as TA for Beginner Level Workshop

BEGINNER

OpenFOAM Workshop

Who can attend?:

Anyone with basic fluid dynamics and CFD knowledge.

The workshop will cover the following topics:

- Setting up mesh using blockMesh
- Setup case and solve using OpenFOAM
- Post-Processing in paraview
- Grid Resolution and Convergence in OpenFOAM
- Interaction with IITB Faculty with CFD expertise

Benefits:

- Learn fundamentals of CFD using OpenFOAM
- Learn to simulate problem in OpenFOAM
- Learn essentials of post-processing
- Certificate for OpenFOAM- Beginner Level Workshop

Registration and payment for Advanced Workshop

Solve CFD Problems (assigned by us) using OpenFOAM and Submit

Approved

Not Approved

Auto enrollment to Beginner Workshop

Attend Workshop

OpenFOAM Advanced Level Certificate

+

Be a TA* for Beginner Workshop

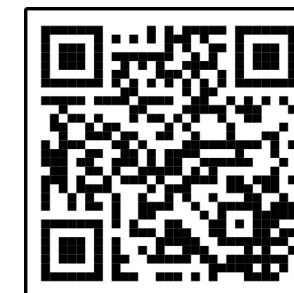
* Teaching Assistant

Registration and payment for Beginner Workshop

Attend Workshop

OpenFOAM Beginner Level Certificate

Scan to Register



Contact us :
eoutreach@it.iitb.ac.in

For more details visit:
<http://www.it.iitb.ac.in/nmeict/announcements.html>

