*We are bridging the gap between university education and industrial demand*

## Registered Adressses

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FlowThermoLab

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Shaping the next generation Engineers!

# OpenFOAM Live Workshop

- The intense 8 days (4 weekends) live workshop on OpenFOAM starting from beginners level to advanced Programming level (Solver Development).
- Participants will get 1-year free access to our popular OpenFOAM for beginners and OpenFOAM Programming course along with this workshop.
- The live sessions are also recorded, and it will be available on our platform to access for next 1 year.

## Instructors

Delivered by Industrial experts from Europe with years of experience using OpenFOAM and also who developed our 'OpenFOAM for Beginners' and 'OpenFOAM Programming' course on Flowthermolab platform.

**Hands-on learning:**
Gain practical experience through real-world projects.

**Expert-led instruction:**
Learn from industry veterans with extensive experience.

**Interactive environment:**
Ask questions and get personalized feedback from instructors.

## CONTENT

### Comprehensive Curriculum:

- Part1:
  - Linux Environment
  - OpenFOAM Installation & Structures
  - Meshing with Snappy Hex Mesh
  - Boundary Conditions & Solution Techniques
  - Post-Processing with ParaView
  - Indistrial relevant Mini projects

- Part2:
  - OpenFOAM Programming Fundamentals (C++)
  - Customizing solvers, libraries, and boundary conditions
  - C++ Fundamentals: Dive into the basics of C++, including variables, functions, etc
  - OpenFOAM Basics: Explore the structure of OpenFOAM code and learn essential operations like input/output, mesh manipulation, and debugging techniques.
  - Intermediate Skills: Creating custom classes, libraries, and boundary conditions, etc
  - Advanced Techniques: Modifying the transport equations, The SIMPLE Algorithm
  - Example Solvers: Dynamic Mesh Adaption: sprayDyMFoam, pisoBudgetWindowFoam, sprayParcelFilmFoam, etc

## LIVE WEEKEND SESSIONS

- 8 weekends starting from April 20th, 2024
- Dates: Part1- April 20, 21, 27, 28
  Part2- May 11, 12, 18, 19
- Time: 9:00 AM to 12:00 PM (UK Time)
- 1:30 PM to 4:30 PM IST (India Standard Time)

**Starting from**

## FEE

- $300 Including Tax
[Rs.25000 including 18% GST]

- $50 discount for Early Bird Registrations. Use coupon code- "FOAM50"

## Enrolment Details

### PROCEDURE

CLICK HERE

- Make the online payment on the workshop page. Once the payment is made, the login details and invoice will be emailed automatically to the registered email address

- You can access the workshop contents for **12 months**

- After the workshop completion, workshop completion certificate will be issued

WWW.FLOWTHERMOLAB.COM