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

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FlowThermoLab

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Shaping the next
generation Engineers!

CFD Foundation Course

About the Course

This course is designed for a complete beginner for learning computational fluid dynamics from a practical perspective. We will start from the essential mathematics to derive and understand the governing equations of fluid flow along with assignments that will familiarize you with programming. In the next step, you will learn to discretize the partial differential equations and solve them by writing codes. You will also learn topics like turbulence/turbulence models and also will be introduced to CFD software like ANSYS Fluent, OpenFOAM, etc.

More Details

INSTRUCTOR

Dr. Sandeep Mouvanal
Founder of Flowthermolab,
Masters and Ph.D. from IIT Madras,
Senior Researcher at the University
of Nottingham, UK and has more than
15 years of Industrial experience as
CFD Engineer.

CONTENT

Contains 28 lessons with around 40+ videos including assignments and quizzes. With the content of more than 30 hours of pre-recorded videos

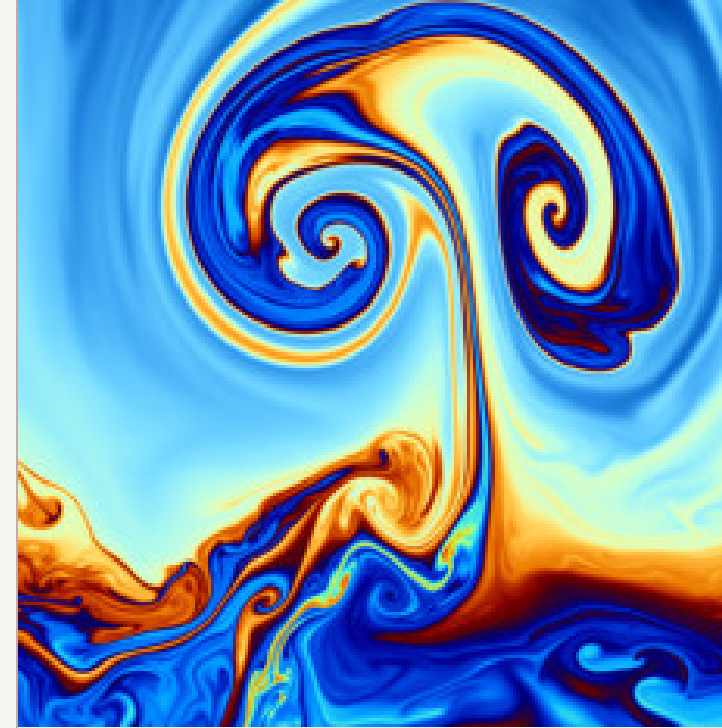
- Engineering mathematics for CFD
- Matlab/Octave for programming
- Governing Equations of Fluid flow
- FDM method along with programming tasks
- FVM method and solving Navier Stokes Equation with programming
- Introduction to Turbulence and Modeling
- CFD tools: Introduction to SpaceClaim for geometry, ANSYS Meshing, ANSYS Fluent, and CFX
- Interview Questions

SUPPORT

- Live discussion forum
- Zoom support to clarify questions

FEE

\$59 Excluding Tax
[~ ₹5800 including 18% GST]



Enrolment Details

PROCEDURE

[CLICK HERE](#)

- Make the online payment on the course page
- Once the payment is made, the login details and invoice will be emailed automatically to the registered email address
- You can start accessing the course immediately and will have access for another 6 months
- After the course completion, course completion certificate will be issued

*High quality
affordable education
for any one with
internet access !!!*