

ANSYS®

FLUENT®



CFD TRAINING BROCHURE

infSIM
Design Academy

EVER WONDERED HOW THESE CUTTING EDGE PRODUCTS ARE DESIGNED?

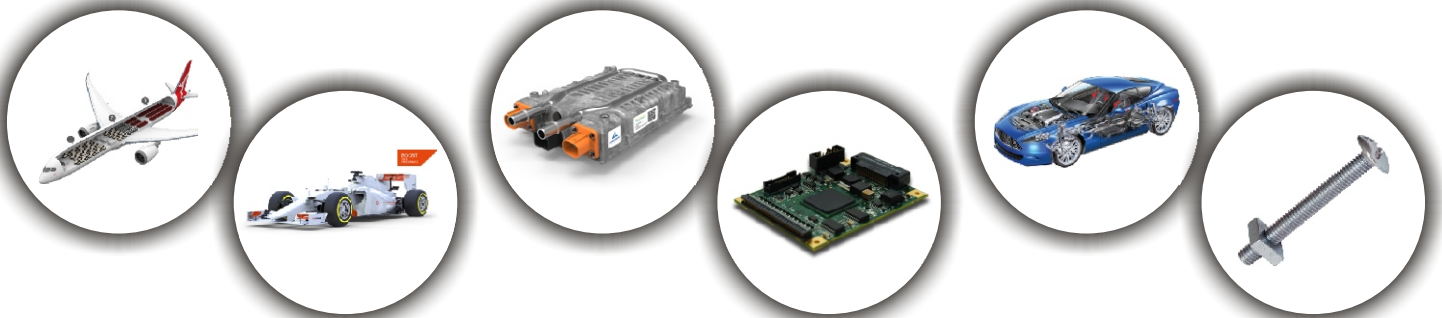
Having CAE and CFD Software in any Product Development Division, gives its designers wings to master any product design.

Be it a basic fastener or a system as big as gas turbine, or a state of the art Formula 1 car, all products, systems from these state of the art machines would have used CFD / CAE at one point or the other to analyze and validate its design.

WITH ANSYS FLUENT; THE SCOPE FOR SOLVING ANY FLUID FLOW IS LIMITLESS

“INFISIM DESIGN ACADEMY” is the right place to learn “Computational Fluid Dynamics” and start your career as a “CFD Analyst”.

- ☐ Our course are designed and tailored for any level of expertise.
- ☐ Half a decade of experience in solving wide range of problems.
- ☐ Experienced faculties.
- ☐ Library of customized problems in all domains.



COURSE STRUCTURE

INTRODUCTION TO THEORETICAL BACKGROUND:

- ☐ Standard Equations, Algorithms & Solvers
- ☐ Introduction to Design Modeler - CAD Editing, Cleanup & Fluid Extraction
- ☐ Introduction to Meshing Tools – ICEM CFD
 - a) Automatic Meshing
 - b) Hybrid Meshing
 - c) Pure Hexahedral Meshing
- ☐ Introduction to Fluent Solver
 - a) Applying Boundary Conditions
 - b) Solving the Problem
- ☐ Post Processing using Ansys Post / CFX
 - a) Plotting Contours, Vectors and streamlines or other plots for visualization.
 - b) Creating Reports, Plots and Sensors
 - c) Creating Final Report

WHY CHOOSE US?

EXPERIENCE:

Our team comprises of CAE Analysts and Design Engineer who have worked with major OEMs and are well versed with methods and workflows. Training would be class apart from competition on CAE and CFD Courses.

CREATIVE & TECHNICAL:

Whether it's Design, Analysis, Optimization or Basic Design, System Development or Custom Programming, we like to keep everything under one roof.

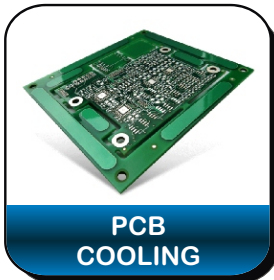
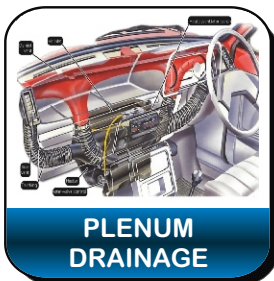
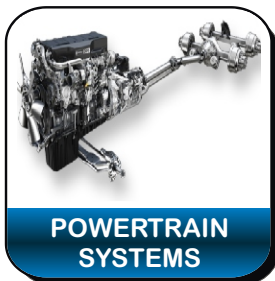
RESULT DRIVEN APPROACH:

CAE and CFD Simulations are useless, unless we are able to obtain meaningful results. Our approach is always result driven. We do not forget basic engineering theories while solving for any problem.

PASSIONATE:

We love nothing more than working on a great project or with an intellectual like you. We care about our Clients and can often be found working out of hours to get everything 'just right'!

DOMAIN ORIENTED TRAINING IN PROJECTS





infisim

Design Academy

OFFICE ADDRESS:

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www.infisim.in

LANDMARK:

Near BDA Complex, Same building
as Airtel Showroom

IVR:

9019961100 Extension 1
for Training Related Queries