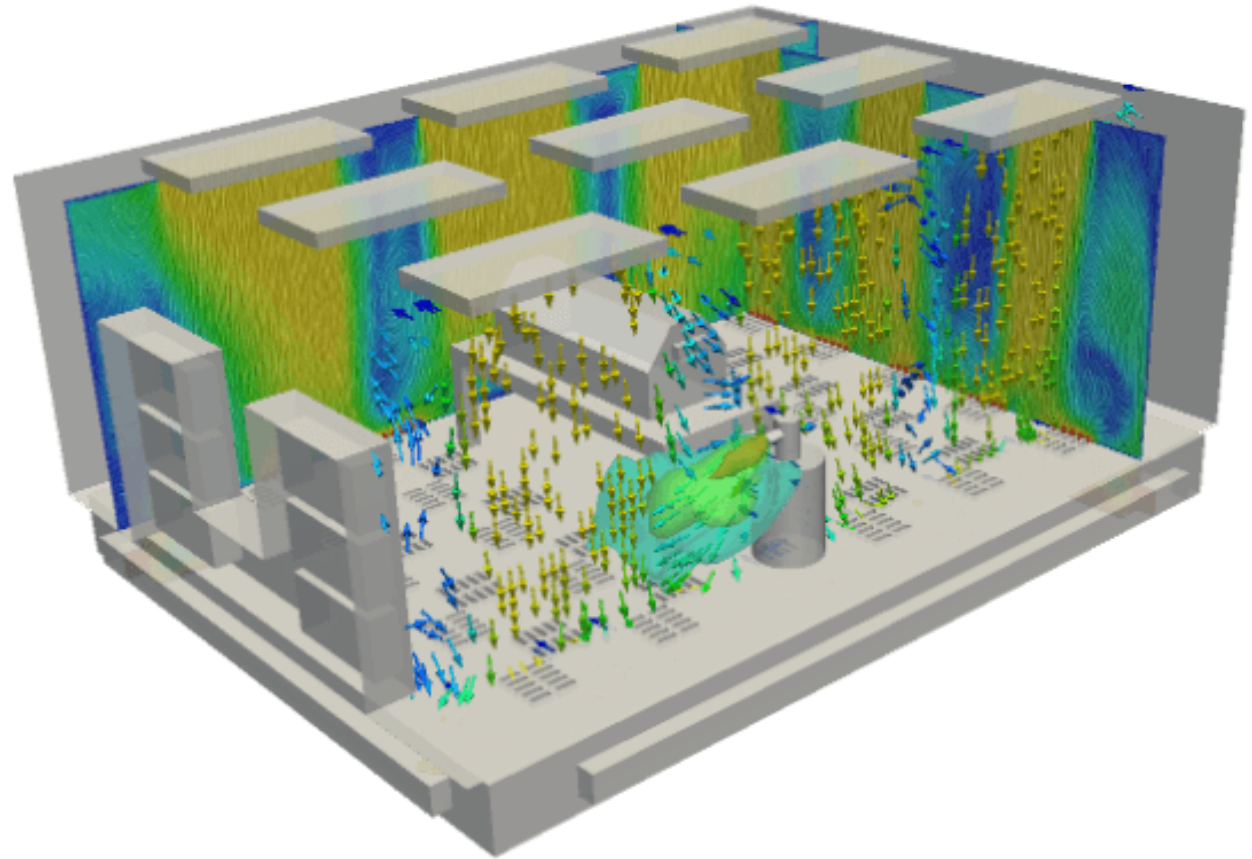# Niharika
Institute of Computational Engineering

"Knowing is not enough; we must apply"

"Learn CFD analysis with Industry Projects"

Contact us

Ground Floor, JC Plaza, #35, 42nd Cross, Off 12th Main, 3rd Block, Rajajinagar, Bengaluru. Karnataka - 560010, India
Mobile: **+91 9916266179**
Email: **rudresh@nicecfd.com**

Industry Oriented course on CFD analysis (Ansys Fluent, CFX, Spaceclaim, Workbench)

www.nicecfd.com

About Us

Started in the year 2010, we are the pioneers in Computational Fluid Dynamics (CFD) and Finite Element Analysis (FEA) technologies.

We offer online and offline training programs on CFD and FEA. Our courses are completely Industry oriented and till date we have trained more than 5000 Engineers in these niche engineering technologies.

Syllabus

- Computational Fluid Dynamics
- Fluid Dynamics
- Gas Dynamics
- Heat transfer
- Aerodynamics
- CAD model cleanup - Spaceclaim
- Fluent Mesh
- Solver - Fluent, CFX

Be a potential Engineer

- Always look beyond Tutorials and simple projects
- Gain thorough theoretical knowledge and start with Industry projects
- Industry projects are always complex and challenging, solving them will enable you to create good Impression in Interview and chances of selection shall be high
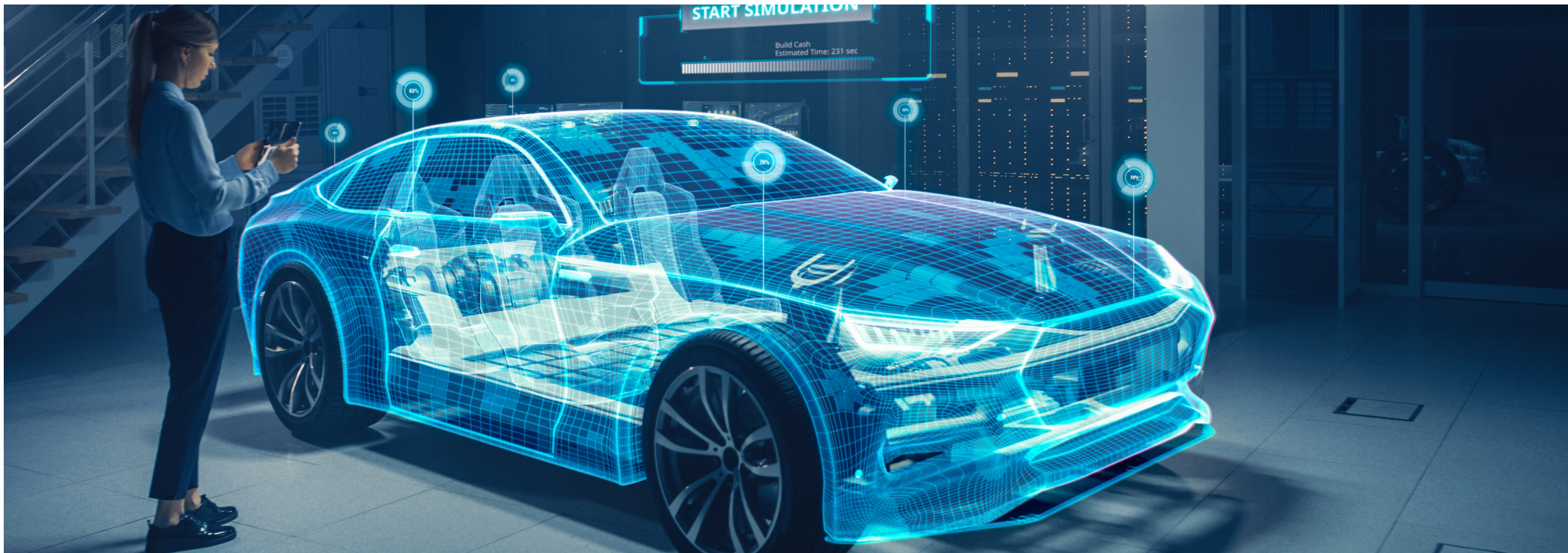
CFD analysis

Computational Fluid Dynamics is a branch of fluid mechanics that uses numerical analysis and data structures to analyze and solve problems that involve fluid flows.

CFD is applied to a wide range of research and engineering problems in many fields of study and industries, including aerodynamics and aerospace analysis

Taught with Licensed versions of ANSYS software

What Skills Will You Learn?

In this course you will learn

- Navier Stokes equations and its simplified forms.
- Laminar and Turbulent Flow
- Compressible and In compressible flow
- Modes of Heat transfer
- Airfoil nomenclature, Lift, Drag and moment coefficients
- Boundary conditions
- Industry oriented projects

Who Should Take This Course?

Pre requisites for the course

- Bachelor's / Master's degree in Mechanical/ Aero/Chemical/Industrial Engineering stream with exposure to subjects like Fluid Dynamics and Heat transfer
- Attitude to learn and excel in career is the most desirable pre requisite at Niharika Institute of Computational Engineering

Highlights

- **Strong focus on theoretical fundamentals**

- **Industry projects**

- **Taught with Licensed Software**

- **Faculty with 20 years Industry experience**

- **Transparent and ethical business practices**

Main Faculty

Mr. Rudresh Ganganna
Founder & Chief Faculty
M.Tech Thermal
Former Employee ISRO

For more details refer our website

www.nicecfd.com

Cost: 60000 Indian Rupees

☑ **ENROLL**
☑ **EDUCATE**
☑ **SUCCESS**