



**DISCOUNTS ARE AVAILABLE**

# STAR CCM PLUS TRAINING SESSION OUTLINES

**COURSE FEE  
RS: 19,200/-**

**MONDAY-TUESDAY  
START FROM  
10-AUG-2024**

**(DURATION 24HOURS)**



**Scan For Registration**

## INTRODUCTION:

STAR-CCM+ is the world's most comprehensive engineering simulation platform inside a single integrated package! It is much more than just a CFD solver. It provides an entire engineering process platform for solving problems involving flow (of fluids or solids), heat transfer and stress. STAR-CCM+ is unrivalled in its ability to tackle problems involving multi-physics and complex geometries. STAR-CCM+ has an established reputation for producing high-quality results in a single code with minimum user effort. Moreover, it's used by several industrial giants like airbus, Boeing, Formula one and etc.

## COURSE OUTLINE

- INTRODUCTION TO STAR CCM PLUS**  
\* Introduction \* Why Star CCM Plus \* Applications
- MODEL IMPORTATION**  
\* Making of CAD Geometry \* STL File / IGES File Import
- COMPUTATIONAL DOMAIN SETUP**  
\* Domain Setup \* Apply Boundary Conditions
- MESH GENERATION**  
\* Meshing Models \* Mesh Parameters \* Refinement of Mesh (Customs Controls)
- PHYSICS CONDITION SETUP**  
\* Types of Flow \* Model Selection
- REPORT GENERATION**  
\* Plots Generation \* Contours \* Compilation of Results