



MANIPAL INSTITUTE OF TECHNOLOGY
 MANIPAL
 (A constituent unit of MAHE, Manipal)

Master Course in Applied Computational Fluid Dynamics

MTech in Applied Computational Fluid Dynamics(ACFD), offered by the department of Aeronautical & Automobile Engineering is outcome of the project “A new Master Course in Applied Computational Fluid Dynamics” (APPLY) is approved in the European Framework of Erasmus+ Capacity Building in the field of Higher Education programme, co funded by Erasmus+ program or European Union.

Speciality of Program

- Applied Computational Fluid Dynamics(ACFD) is highly industry oriented, application based post graduate program.
- Curriculum of ACFD covers all facets of fluid study, like turbulence modelling, multiphase modelling, Fluid –Structure Interaction modelling etc.
- Built upon strong mathematical foundation needed for computational Fluid Dynamics
 - Conservation laws in differential equation form
 - Discretization schemes
 - Solution methods
- Curriculum for the course is co-developed by a consortium of highly ranked 10 partner universities and a research lab
- Theory courses incorporated with lab components

Our Partners



For further queries:

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