

M-05 CFD introduction with case studies

Objective: The concept and general principles of Computational Fluid Dynamics (CFD) will be introduced, and the use of CFD as a tool for hydrodynamic analysis will be demonstrated to the participants

Contents:

- CFD analysis process
- Governing equations; discretization methods and solution algorithm; finite-volume formulation
- Boundary and initial conditions; free surface modelling

Who should attend: Engineers and technical specialists from the public and private sector with a need of an introduction to the subject

Courseware: Selected slides and background documents as handouts and/or electronic files

Certification: Attendance certificate (subject to 80 percent attendance)

Duration: 2 lessons (2 hours each)

Costs: \$ 300 per participant (inclusive of GST)

A discount of 20 percent applies to 3 or more participants from the same organization in the same course

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