

**MODULE I****INTRODUCTION TO CFD: ASSIGNMENT**

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- I.1** Outline main steps involved in industrial CFD simulation for design analysis of a fluid machine.
- I.2** Which discretization scheme(s) --- FDM, FEM or FVM --- would be most appropriate for numerical simulation of a flow problem in a complex domain? Which one of these would be the least appropriate?
- I.3** Which would be the easiest discretization method for numerical simulation of a flow problem in a simple rectangular channel?