

Minor area in Computational Mechanics

Title of the module: Computational Mechanics

Type of the module: Minor Area

Maximum number of students the module can accommodate per year: 20 students

Disciplines eligible to apply for the module: All B. Tech. disciplines

List of courses that constitute the 20-credit module:

Core Courses

1. AML 310 : Computational Mechanics (3-0-2)

Department Electives

1. AML 410 : CFD (3-0-2)
2. AML705 : FEM (3-0-2)
3. AML300 : Constitutive Modelling (3-0-0)
4. AML360 : Fluid Flows (3-1-0)
5. AML340 : Chaos (3-0-0)
6. AML440 : Parallel Processes (3-0-2)
7. AML710 : CAD (3-0-2)
8. AML380 : Bio Mechanics (3-0-2)
9. AMD310 : Project (0-0-6) (Provided 12 credits of the course work in minor area have been completed).