

Indian Institute of Technology Goa

M.Tech. Mechanical Engineering Curriculum – 2020 Batch

Semester 1
Mathematical Methods
Continuum Mechanics
Computer Integrated Manufacturing
Thermofluids Engineering

Semester 2
M. Tech Thesis Proposal Unit/Seminar
Elective 1
Elective 2
Elective 3
Elective 4

Semester 3
Project Phase 1

Semester 4
Project Phase 2

List of Electives Offered - Semester 2
Advance Convective Heat Transfer
Computational Heat and Fluid Flow
Fundamentals of Combustion
Finite Element Method
Gas Dynamics
Mechanics of Composite Materials
Microscale Transport Phenomena and Microfluidics
Numerical Simulation and Its Application