

SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
Material Science	Professional Core	3ME1101	3
Computer Aided Process Planning	Professional Core	3ME1106	4
Computer Aided Design	Professional Core	3ME1111	5
Advanced Machine Design-I	Professional Core	3ME1112	4
Advanced Kinematics & Dynamics of Machines	Professional Core	3ME1113	4
Robotics and Artificial Intelligence	Professional Core	3ME1114	4

SEMESTER II

Subject Name	Subject Type	Subject Code	Subject Credit
Computer Aided Manufacturing	Professional Core	3ME2101	4
Engineering Optimization	Professional Core	3ME2102	3
Finite Element Method	Professional Core	3ME2111	4
Advanced Machine Design-II	Professional Core	3ME2112	4
Advanced Manufacturing Processes	Professional Core	3ME2113	5

**SEMESTER
III**

Subject Name	Subject Type	Subject Code	Subject Credit
Seminar	Professional Core	3ME3111	2
Dissertation Part-I	Professional Core	3ME3112	13

**SEMESTER
IV**

Subject Name	Subject Type	Subject Code	Subject Credit
Dissertation Part-II	Professional Core	3ME4111	15

