

Sr. No.	Subject Name	Credit
SEM 1	Maths-I	5
SEM 1	Elements of Mechanical Engineering	5
SEM 1	Fundamentals of Computer Programming	2
SEM 1	Engineering Physics	4
SEM 1	Environmental Studies	2
SEM 1	Introduction to Entrepreneurship	3
SEM 2	Workshop	2
SEM 2	Entrepreneurship	3
SEM 2	Communication Skills	3
SEM 2	Elements of Electrical Engineering	5
SEM 2	Elements of Civil Engineering	5
SEM 2	Engineering Graphics	4
SEM 2	Maths-II	5
SEM 3	Maths - 3	5
SEM 3	Mechanics of Solids	5
SEM 3	Manufacturing Process I	5
SEM 3	Material Science and Metallurgy	4
SEM 3	Kinematics of Machines	4
SEM 3	Electrical Technology	4
SEM 3	Subject From School of IE	2
SEM 4	Maths - 4	5
SEM 4	Engineering Thermodynamics	5
SEM 4	Mechanical Measurement & Metrology	4
SEM 4	Machine Design & Industrial Drafting	5
SEM 4	Manufacturing Process II	4
SEM 4	Subject From School of IE	3
SEM 4	Maths - 4	5
SEM 5	Fluid Mechanics	5
SEM 5	Design of Machine Elements	4
SEM 5	Heat Transfer	4
SEM 5	Theory of Machines	4
SEM 5	Control Engineering	4
SEM 5	Case Study	1

SEM 5	Subject From School of IE	3
SEM 6	Dynamics of Machinery	4
SEM 6	Fluid Power Engineering	4
SEM 6	Production Technology	4
SEM 6	Refrigeration and Airconditioning	4
SEM 6	Industrial Engineering	2
SEM 6	Departmental Elective – I Internal combustion Engines Oil Hydraulics & Pnuematic	4
SEM 6	Seminar	1
SEM 6	Subject From School of IE	3
SEM 7	Computer Aided Design & Manufacturing	4
SEM 7	Power Plant Engineering	4
SEM 7	Operation Research	6
SEM 7	Machine Design	5
SEM 7	Departmental Elective – II Quality & Reliability Engineering Robotics Engineering Vehicle Dynamics Advance Heat Transfer Gas Dynamics Applied Mechanics of Solids Metal Forming Analysis	3
SEM 7	Minor Project	2
SEM 7	Organizational Behaviour	2
SEM 7	Subject rom School of IE	3
SEM 8	Major Project	8
SEM 8	Departmental Electives – III Finite Elements Method Optimization Rapid Prototyping Automobile Engineering Energy Conservation and Management Cryogenic Engineering Principles of Combustion Engineering	4

SEM 8	Industrial Training	8
SEM 8	Subject rom School of IE	3