

MECHANICAL ENGINEERING (Sem. III) -Equivalent subjects

	Subjects from Revised Course (R-2007)	Equivalent Subjects from Revised Course (R-20012)
1.	Applied Mathematics- III	Applied Mathematics - III
2.	Strength of Materials	Strength of Materials
3.	Machine Drawing	Machine Drawing
4.	Production Process - I	Production Process - I
5.	Thermodynamics	Thermodynamics
6.	Presentation and Communication Techniques	Business Communication and Ethics (Sem V)
7.	Machine shop Practice - I	Machine shop Practice-I

MECHANICAL ENGINEERING (Sem. IV)

	Subjects from Revised Course (R-2001)	Equivalent Subjects from Revised Course (R-2007)
1	Applied Mathematics – IV	Applied Mathematics – IV
2	Theory of Machine – I	Theory of Machine – I
3	Thermal Engineering	Thermal and Fluid Power Engineering
4	Production Process-II	Production Process-II
5	Material Technology	Material Technology
6	Industrial Electronics	Industrial Electronics
7	Machine Shop Practice –II	Machine Shop Practice –II

MECHANICAL ENGINEERING (Sem. V)

Sr.No.	Subjects from Revised Course (R-2007)	Equivalent Subjects from Revised Course (R-2012)
1	Mechanical Engineering Measurement and Metrology	Mechanical Measurement and Control
2	Theory of Machine -II	Theory of Machine -II
3	Fluid Mechanics	Fluid Mechanics (Sem IV)
4	Heat and mass Transfer	Heat Transfer
5	Graphical User Interface and Database Management	Database and Information Retrieval (Sem III)
6	Environmental Studies	Environmental Studies (sem I)

MECHANICAL ENGINEERING (Sem. VI)

Sr. No.	Subjects from Revised Course (R-2007)	Equivalent Subjects from Revised Course (R-2012)
1	Mechatronics	Mechatronics
2	Hydraulics Machinery	Thermal and Fluid Power Engineering
3	Mechanical Vibrations	Mechanical Vibration
4	E-Commerce and Industrial Finance	Exempted
5	Internal Combustion Engine	Internal Combustion Engine (Sem V)
6	Machine Design I	Machine Design I

MECHANICAL ENGINEERING (Sem. VII)

Sr.No.	Subjects from Revised Course (R-2007)	Equivalent Subjects from Revised Course (R-2012)
1*	Machine Design-II	Machine Design-II
2	CAD/CAM/CIM	CAD/CAM/CIM
3	Refrigeration and Air Conditioning	Refrigeration and Air Conditioning (Sem VIII)
4	Manufacturing Planning and Control	Production Planning and Control
5	Electives -I	Electives -I: (Student can select any elective from the group)
6	Project I	Project I

MECHANICAL ENGINEERING (Sem. VIII)

Sr.No.	Subjects from Revised Course (R-2007)	Equivalent Subjects from Revised Course (R-2012)
1*	Automobile Engineering	Automobile Engineering (Elective II)
2	Finite Element Analysis	Finite Element Analysis (Sem VI)
3	Industrial Engineering and Enterprise Resource Planning	Industrial Engineering and Management
4	Electives -II	Elective -II: (Student can select any elective from the group)
5	Project II	Project II