

3RD SEMESTER

Sl. No	Subject Code	Subject
1.	MA181301A	Mathematics III-A
2.	EE181302	Electrical Technology
3.	ME181303	Basic Thermodynamics
4.	ME181304	Theory of Machines
5.	ME181305	Machine and Assembly Drawing
6.	ME181314	Theory of Machines Lab
7.	SI181321	Internship-I (SAI - Social)

4TH SEMESTER

Sl. No	Subject Code	Subject
1.	ECE181407	Applied Electronics
2.	ME181402	Workshop Theory and Practice-I
3.	ME181403	Fluid Mechanics-I
4.	ME181404	Materials Science
5.	ME181405	Mechanics of Materials
6.	ME181413	Fluid Mechanics-I Lab
7.	ME181415	Mechanics of Materials Lab

5TH SEMESTER

Sl. No	Subject Code	Subject
1.	ME181501	Applied Thermodynamics - I
2.	ME181502	Machine Design - I
3.	ME181503	Mechanisms and Dynamics of Machines
4.	ME181504	Heat Transfer - I
5.	ME181505	Engineering Inspection and Metrology
6.	HS181506	Engineering Economics
7	ME181514	Heat Transfer – I Lab
8	ME181515	Engineering Inspection and Metrology Lab
9	SI181521	Internship-II (SAI-Academia)

6TH SEMESTER

Sl. No	Subject Code	Subjects
1.	ME181601	Machine Design-II
2.	ME181602	Fluid Mechanics-II
3.	ME181603	Mechanical Measurements and Instrumentation
4.	ME181604	Workshop Theory and Practice-II
5.	ME181605	Heat Transfer-II
6.	HS181606	Accountancy
7.	ME181612	Fluid Mechanics-II Lab
8.	ME181613	Mechanical Measurements and Instrumentation Lab
9.	ME181615	Heat Transfer-II Lab

7TH SEMESTER

CORE SUBJECTS

Sl. No	Subject Code	Subject
1.	ME181701	Vibration of Mechanical Systems
2.	ME181702	Applied Thermodynamics - II
3.	ME181703	Industrial Engineering and Management
4.	HS181704	Principles of Management
5.	ME181722	Project-1
6.	ME181723	Grand Viva Voce-I
7.	SI181721	Internship-III (SAI - Industry)

PROGRAMME ELECTIVE-I

Sl. No	Subject Code	Subject
1.	ME181703	Industrial Engineering and Management
2.	ME181PE11	Hydraulic Machines
3.	ME181PE13	Power Plant Technology
4.	ME181PE15	Refrigeration

OPEN ELECTIVE-I

5.	ME181OE11	Operation Research
6.	ME181OE12	Renewable Energy Sources
7.	ME181OE13	Solid Waste Management

8TH SEMESTER

CORE SUBJECTS

Sl. No	Subject Code	Subject
1.	ME181801	Manufacturing Methods
2.	ME181822	Project -2
3.	ME181823	Grand Viva Voce-II

PROGRAM ELECTIVE-2

Sl. No.	Subject Code	Subject
1.	ME1818PE21	Air Conditioning
2.	ME1818PE24	Compressors and Gas Turbines
3.	ME1818PE25	Computational Fluid Dynamics

PROGRAM ELECTIVE-3

Sl. No.	Subject Code	Subject
1.	ME1818PE32	Operations Management
2.	ME1818PE33	Internal Combustion Engines

OPEN ELECTIVE-2

Sl. No.	Subject Code	Subject
1	ME1818OE22	Industrial Safety Engineering
2	ME1818OE23	Engineering Economic Analysis