

Mechanical Engineering

(Degree Level)

AMIME (I) at par with BE / B Tech

Minimum qualification : 10 + 2 (Sci.) pass with Maths, Physics & Chemistry
OR any other exam equivalent to it.

Part - II

Semester I

Sr	Code	Subject
1	TE 2.1	Applied Mechanics
2	TE 2.2	Electrical Technology
3	TE 2.3	Engineering Graphics
4	TE 2.4	Strength of Materials
5	TE 2.5	Theory of Machines

Semester II

Sr	Code	Subject
1	TE 2.6	Manufacturing Processes
2	TE 2.7	Thermal Engineering
3	TE 2.8	Industrial Organizations & S M
4	TE 2.9	Fluid Power
5	TE 2.10	Workshop Practice

Semester III

Sr	Code	Subject
1	TE 2.11	Machine Design
2	TE 2.12	Metrology and Quality Control
3	TE 2.13	Production Technology
4	TE 2.14	Refrigeration & Air-Conditioning Sys.
5	TE 2.15	Automobile Manufacturing System
6	TE 2.16	Project

Section – A

Semester IV

Sr	Code	Subject
1	A 1	Introduction to Manufacturing Process
2	A 2	Adv Electrical Technology
3	A 3	Mechanics
4	A 4	Fundamental of Computer

Semester V

Sr	Code	Subject
1	A 5	Adv Engineering Mathematics
2	A 6	Thermodynamics
3	A 7	Fluid Mechanics
4	A 8	Society, Environment, Engineering

Semester VI

Sr	Code	Subject
1	A 9	Dynamics
2	A 10	Adv Mat. Sc. & Metallurgy
3	A 11	Heat Transfer-I
4	A 12	Theory of Machine

Section – B

Semester VII

Sr	Code	Subject
1	BC 1	Environmental Engineering
2	BC 2	Computer Graphics
3	BC 3	I.C. Engines & Automobile Engineering
4	BC 4	Operation Research

Semester VIII

5	BC 5	Ad. Strength of Materials
6	BC 6	Industrial Economics & Management
7	BC 7	Mechanical Measurements

Semester IX

Sr	Code	Subject
8	BC 8	Hydraulic Machines
		Optional Subject 1
		Optional Subject 2
		Optional Subject 3

Eligibility Condition:

For Section A

Student must have cleared all the subjects of Part II

For Section B

Student must have cleared all the subjects of Section A