

B-Tech IN MECHANICAL ENGINEERING

Semester I

1	English-I
2	Constitution of Indian Politics & Ethics
3	Mathematics-I
4	Chemistry
5	Electrical Technology
6	Mechanics
7	Introduction to Manufacturing Process
8	Chemistry (Practical)
9	Electro Technology (Practical)

Semester II

1	English-II
2	Environmental Studies
3	Mathematics-II
4	Applied Physics
5	Fundamentals of Computers
6	Basic Electronics
7	Engineering Drawing and Graphics
8	Applied Physics (Practical)
9	Basic Electronics (Practical)

Semester III

1	Mathematics-III
2	Thermodynamics
3	Fluid Mechanics
4	Workshop Processes
5	Electrical Mechanics
6	Fluid Mechanics (Practical)
7	Workshop Processes (Practical)

Semester IV

1	Society, Environment &Engineering
2	Dynamics
3	Solid Machine
4	Heat Transfer-I
5	Theory of Machine Solid Machine
6	Solid Machine (Practical)
7	Theory of Machine(Practical)

Semester V

1	Metal Cutting and Tool Design
2	Control System
3	Computer Graphics
4	CNC Programming
5	Operation Research
6	Metal cutting and Tool Design.(Practical)
7	CNC Programming(Practical)

Semester VI

1	Strength Materials
2	Industrial Engineering & Management
3	Design of Machine Elements
4	Hydraulic Machines
5	Industrial Economic & Management
6	Design of Machine Elements(Practical)
7	Hydraulic Machine (practical)

Semester VII

- 1 CAD/CAM(Application)& Automation
- 2 Metrology & Quality Control
- 3 I.C. Engineering & Automobile Engineering
- 4 Elective Mechatronics
- 5 Machine vibration Analysis
- 6 Metrology & Quality Control (Practical)
- 7 I.C. Engineering & Automobile(Practical)

Semester VIII

- 1 Refrigeration & Air Conditioning
- 2 Machine Tool Design
- 3 Jig & Fixture Design
- 4 Refrigeration & Air Conditioning
- 5 Management of Engineering
- 6 Finite Element Method in Engineering
- 7 Project