

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