

B-Tech in CIVIL ENGINEERING

Semester I

1	English-I
2	Indian constitution and 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 – II
2	Water & Waste water Engineering
3	Hydraulics
4	Surveying
5	Transportation Engineering
6	Hydraulics(Practical)
7	Surveying (Practical)

Semester IV

- 1 Society, Environment & Engineering
- 2 Building Construction
- 3 Structural Analysis
- 4 Advanced Surveying
- 5 Soil Mechanics
- 6 Structural Analysis (Practical)
- 7 Advanced Surveying (Practical)

Semester V

- 1 Design of RC Structures
- 2 Foundation Engineering
- 3 River Engineering
- 4 Hydropower Engineering
- 5 Operation Research
- 6 Design of RC Structures (Practical)
- 7 Foundation Engineering (Practical)

Semester VI

- 1 Design of Steel Structures
- 2 Advanced Structural Analysis
- 3 Environment Engineering
- 4 Advanced Foundation Engineering
- 5 Industrial Economics & Management
- 6 Advanced Structural Analysis (Practical)
- 7 Advanced Foundation Engineering (Practical)

Semester VII

- 1 Irrigation Engineering
- 2 Pressed concert
- 3 Quantity Surveying & Contract & Tenders
- 4 Finite Element Method Engineering
- 5 Elective
- 6 Water Resources System & Planning
- 7 Valuation of Real Property
- 8 Design of Industrial Structures & Bridge

- 9 Highway Maintenance & Management System
- 10 Quantity Surveying & Control & Tenders (Practical)
- 11 Pressed Concert (Practical)

Semester VIII

- 1 Structural Dynamic
- 2 Construction and Planning Management
- 3 Planning & Design of Airport
- 4 Project
- 5 Structural Dynamic (Practical)