

B-Tech IN ELECTRONIC & COMMUNICATION

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 Mathematical-II
- 4 Applied Physics
- 5 Fundamental of Computers
- 6 Basic Electronics
- 7 Engineering Drawing and Graphics
- 8 Applied Physics(Practical)
- 9 Basic electronics(Practical)

Semester III

- 1 Mathematics-III
- 2 Principles of Programming
- 3 Signals & Networks
- 4 Digital Electronics
- 5 Electrical Machines
- 6 Electrical Machines (Practical)
- 7 Signals & Networks (Practical)

Semester IV

1	Society, Environment & Engineering
2	Electronic Devices & Circuit
3	Analog Electronic Circuits
4	Electromagnetic Engineering
5	Electrical Measurement-I
6	Analog Electronic Circuits(Practical)
7	Electrical Measurement-I (Practical)

Semester V

1	Computer Organization
2	Control System
3	Communication Engineering
4	Semiconductor Devices
5	Digital Image Processing
6	Control system(Practical)
7	Semiconductor Devices(Practical)

Semester VI

1	Power Electronics & Devices
2	Digital Signal Processing
3	Microprocessor Telecommunication Switching and Signal
4	Industrial Economics and Management
5	Power Electronics & Devices (Practical)
6	Microprocessor (Practical)
7	Mobile Communication System

Semester VII

- 1 RF & Microwave Engineering
- 2 Micro Electronics
- 3 Computer Communication Network
- 4 Elective
- 5 Optical Electronics and Fiber Communication
- 6 Computer Communication Network (Practical)
- 7 RF & Microwave Engineering (Practical)

Semester VIII

- 1 VLSI – Technology & Processing Modeling
- 2 Satellite Communication
- 3 Semiconductor Devices and Modeling
- 4 VLSI – Technology & Processing Modeling
- 5 Digital Voice Picture Communication
- 6 Radar System
- 7 Project& Viva-Voce