



ADARSH MANAGEMENT INSTITUTE OF INDIA

B.Tech in Electronics & Communication Engineering

Course Name: B.Tech In Electronics & Communication Engineering

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech. Candidate who has completed B.Sc(PCM) can enroll for 3rd Semester of B.Tech.

First Semester	Second Semester
1. English-I 2. Indian Constitution and Ethics 3. Mathematics-I 4. Chemistry 5. Electrical Technology 6. Mechanics 7. Introduction to Manufacturing Process 8. Electrical Technology 9. Project I	1. English-II 2. Environment Studies 3. Mathematics-II 4. Applied Physics 5. Fundamentals of Computers 6. Basic Electronics 7. Engineering Drawing and Graphics 8. Project II
Third Semester	Fourth Semester
1. Mathematics-III 2. Principles of Programming 3. Signals & Networks 4. Digital Electronics 5. Electrical Machines 6. Project III	1. Society, Environment & Engineering 2. Electronic Devices & Circuit 3. Electromagnetic Engineering 4. Electrical Measurement - I 5. Analog Electronic Circuits 6. Project IV
Fifth Semester	Sixth Semester
1. Computer Organization 2. Control System 3. Communication Engineering 4. Semiconductor Devices 5. Digital Image Processing 6. Project V	1. Power Electronics & Devices 2. Digital Signal Processing 3. Microprocessor 4. Telecommunication Switching & Signal 5. Industrial Economics & Management 6. Project VI
Seventh Semester	Eighth Semester
1. Mobile Communication System 2. RF & Microwave Engineering 3. Micro Electronics 4. Computer Communication Network 5. Elective 6. Project VII	7. VLSI - Technology & Processing Modeling 8. Satellite Communication System 9. Semi Conductor Devices and Modelling 10. Project VIII 11. VLSI - Technology & Processing Modeling Practical
Elective	
1. Digital Voice Picture Communication 2. Radar System 3. Optical Fiber Communication	