



ADARSH MANAGEMENT INSTITUTE OF INDIA

B.Tech in Computer Engineering

Course Name: B.Tech In ComputerEngineering

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. Engineering Mechanics 2. Basic Electrical and Electronics Engineering 3. Computer Programming 4. Project – 1 5. Applied Physics – 1 6. Applied Chemistry -1	1. Applied Mathematics – 2 2. Applied Physics – 2 3. Applied Chemistry – 2 4. Communication Skill – 2 5. Computer programming 2 6. Applied Mathematics – 1
Third Semester	Fourth Semester
1. Applied Mathematics-III 2. Electronic Devices & Linear Circuits 3. Discrete Structure & Graph Theory 4. Digital Logic Design & Application 5. Data Structure and Files 6. Computer Organization & Architecture 7. Presentation and Communication Techniques	1. Applied Mathematics-IV 2. Analog & Digital Communication 3. Database Management System 4. Computer Graphics 5. Analysis of Algorithm & Design 6. Operating System
Fifth Semester	Sixth Semester
1. Computer Network 2. Advance database Management System 3. Microprocessor 4. Theory of Computer Science 5. Web Engineering 6. Environment Studies	1. Advance Computer Network 2. System Programming And Compiler Construction 3. Object Oriented Software Engineering 4. Advance Microprocessor 5. Data Warehouse And Data Mining 6. Project
Seventh Semester	Eighth Semester
1. Digital Signal & Image Processing 2. Robotics and AI 3. Mobile Computing 4. System Security 5. Elective-I 6. Project-I	7. Distributed Computing 8. Multimedia System Design 9. Software Architecture 10. Elective-II 11. Project-II
ELECTIVE-I	ELECTIVE-II

1. Computer Simulation and Modeling 2. E-commerce 3. Project Management 4. Soft Computing	1. Human Computing Interaction 2. Advanced Internet Technology 3. Computer Vision 4. Embedded System
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