



ADARSH MANAGEMENT INSTITUTE OF INDIA

B.Tech in Automobile Engineering

Course Name: B.Tech In Automobile 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. Mathematics I 2. Chemistry 3. English -I 4. Electrical Technology 5. Mechanics 6. Introduction to Manufacturing Process 7. Project I 8. Indian Constitution and Ethics	1. Mathematics II 2. Applied Physics 3. Programming and Data Structure 4. Basic Electronics 5. Engineering Drawing and Graphics 6. Environmental Studies 7. Project-II 8. Communication English
Third Semester	Fourth Semester
1. Numerical Analysis Programing 2. Electronics 3. Thermal Science 4. Mechanics of Solids 5. Production Technology 6. Project-III	1. Kinematics & Dynamics of Machines 2. Manufacturing Machines 3. Electrical Machines 4. Operation Research 5. LAN & Networking 6. Project-IV
Fifth Semester	Sixth Semester
1. Microprocessors & Applications 2. Machine Design- I 3. Material Science & Metallurgy 4. Measurements & Controls 5. Database Management Systems 6. Database Management System Practical 7. Project -V	1. Management of Manufacturing System 2. Machine Design-II 3. Metrology 4. Fluid Systems 5. Metal Cutting & Tool Design 6. Project -VI
Seventh Semester	Eighth Semester
1. Computer Aided Manufacturing 2. Mechatronics 3. Refrigeration & Air-Conditioning 4. Solar Energy 5. Personnel Management 6. Project -VII	1. Automotive Engineering 2. Manufacturing Information Systems 3. Computer Aided Design 4. Project -VIII