



ADARSH MANAGEMENT INSTITUTE OF INDIA

Diploma In Mechanical Engineering

Course Name: Diploma in Mechanical Engineering

Duration: 3 Years Eligibility: 10+2 with Math

Lateral Entry: 10+2 PCM / ITI (2years)/ 2 years Vocational Course in Relevant Trade / 3 year Apprenticeship

First Semester	Second Semester
1. Engineering Mechanics 2. Basic Electrical and Electronics Engineering 3. Computer Programming-I 4. Applied Physics – I 5. Applied Chemistry -I 6. Applied Mathematics – I 7. Project-I	8. Engineering Drawing 9. Applied Mathematics – II 10. Applied Physics – II 11. Applied Chemistry – II 12. Communication Skill 13. Computer programming -II 14. Project -II
Third Semester	Fourth Semester
1. Applied Mathematics – III 2. Strength of Materials 3. Machine Drawing 4. Production Process – I 5. Thermodynamics 6. Presentation and Communication Techniques 7. Project -III	8. Applied Mathematics IV 9. Theory of Machines I 10. Thermal Engineering 11. Production Process II 12. Materials Technology 13. Industrial Electronics
Fifth Semester	Sixth Semester
1. Mechanical Measurements and Metrology 2. Theory of Machines II 3. Fluid Mechanics 4. Heat and Mass Transfer 5. Graphics user Interface And Database Management 6. Environmental Studies	7. Mechatronics 8. Hydraulic Machinery 9. Mechanical Vibrations 10. E-commerce And Industrial Finance 11. Internal Combustion Engines 12. Machine Design 13. Project-IV