



ADARSH MANAGEMENT INSTITUTE OF INDIA

Diploma In Electrical Engineering

Course Name: Diploma in Electrical 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 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 – 2 11. Applied Chemistry – 2 12. Communication Skill – 2 13. Computer programming 2 14. Project -II
Third Semester	Fourth Semester
1. Applied Mathematics – III 2. Power Plant Engineering 3. Basic Electronics 4. Electrical Networks 5. Electrical Measurements & Measuring Instruments 6. Numerical Techniques 7. Presentation & Communication Techniques	8. Engineering Mathematics IV 9. Elements Of Power System 10. Electrical Machines -I 11. Electronics Circuit Design 12. Analog and Digital Integrated Circuits 13. Electrical Instrument and Instrumentation 14. Project-III
Fifth Semester	Sixth Semester
1. Electromagnetic Fields and Waves 2. Electrical M/C –II 3. Communication Engineering 4. Power System Analysis 5. Power Electronics 6. Environment Studies	7. Control System – I 8. Protection and Switchgear Engineering 9. Signal Processing 10. Electrical M/C III 11. Microprocessor and Microcontrollers 12. Project Management