



ADARSH MANAGEMENT INSTITUTE OF INDIA

Diploma In Instrumentation & Control Engineering

Course Name: Diploma in Instrument & Control 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. Communication English 2. Applied Mathematics-I 3. Engineering Physics-I 4. Engineering Chemistry-I 5. Project I	6. Applied Mathematics-II 7. Engineering Physics-II 8. Engineering Chemistry-II 9. Engineering Graphics 10. Project II
Third Semester	Fourth Semester
1. Computer Application 2. Engineering Economics & Accountancy 3. Mathematics – III 4. Principles of Electrical and Electronics Engineering 5. Computer Programming with C/C++ 6. Digital Circuits	7. Basic Electrical Circuits 8. Electrical Machines and Control 9. Instrumentation and Process Control 10. Electronics Circuits & Devices-I 11. Electronic Components & Materials
Fifth Semester	Sixth Semester
1. Control Systems 2. Generation, transmission & distribution of power 3. Principles of Instrumentation 4. Power Electronics 5. Microprocessors and Applications 6. Electronic Circuits and Devices-II	7. Industrial Management & Entrepreneurship 8. Biomedical Instrumentation 9. Transducer & Signal Conditioning 10. Substation, Switchgear & Protection 11. Elective
	Elective Subject:
	ELECTIVE 1:Telematics & Satellite Communication 2:Industrial Instrumentation