



ADARSH MANAGEMENT INSTITUTE OF INDIA

Diploma In Plastic Engineering

Course Name: Diploma in Plastic Engineering

Duration: 4 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
- English - Mathematics-I - Science-I - Elements of Engineering Graphics - Shop Skills - Internet Application	- Communication Skills - Mathematics-II - Science-II - Applied Mechanics - Computer Application - Computer Fundamentals
Third Semester	Fourth Semester
- Electrical Machine & Electronics - Instruments - Strength of Materials - Polymer Chemistry – I - Hydraulics & Pneumatics - Elements of Mould Design and Computer Aided Drafting - GDAC-I	- Technology of Plastics - Polymer Chemistry – II - Mechanical Technology - Plastics Processing Technology–I - Plastics Processing Technology–II - GDAC-II
GENERAL DEVELOPMENT COURSES (ANY TWO)	
- Understanding our Environment - Engineering Ethics - Learning to Live - Personal Development - Yoga, Health and Hygiene	
Fifth Semester	Sixth Semester
- Essential of Environmental Science - Computer Programming - Mould Design & Manufacturing-I - Testing of Plastic Materials - Plastics Processing Technology-III - Computer Aided Mould Design	- Marketing Management* - Interpersonal Skills* - Industrial Training (Phase - I)**

Seventh Semester	Eighth Semester
1. Entrepreneurship Development 2. Mould Design & Manufacturing-II 3. Advance Plastic Materials & Composites 4. Product Design & Quality Control 5. Advance Technology Course-I## 6. Advance Technology Course-II##	7. Project 8. Industrial Training (Phase - II)**
Advanced Technology Courses (Any Two)	
Advance Injection Moulding Machine Technology Advance Injection Moulding Process Technology Advance Extrusion Machine Technology Advance Extrusion Process Technology Advance Blow Moulding Machine Technology Advance Blow Moulding Process Technology Specialty Polymers Maintenance of Plastic Processing Equipments	