

A Firm providing complete solutions in Computer Aided Product Design & Development

OFFERS

THE JOB ORIENTED COURSES IN

Product Design, Plastics Product Design & 3D-Modelling Software Catia, Pro-E, Solid-Works

(A) A FULL TIME COURSE:

(1) PRODUCT DESIGN with CAD/CAM

A total Product Design & Tooling Concept Development course, designed for the engineers to make a career in CAD /CAM. The course is made looking at the needs of the industries, in the design field.

Course Contents: –

- * 3D-Modelling **Software training like; Solid-Works and CATIA** with Practical Projects. (In partnership with Mr.Atul Magikar of: CAD ACADEMY'.
- * Understanding Machine Drawing, Dimensioning / Tolerancing Concepts, 2D to 3D & 3D to 2D Conversion
- * Understanding the difference between Metal and Plastic & Plastic materials in use.
- * Different Processes of manufacturing the Plastics components
- * Designing Concepts of Plastics components & Mould Flow Analysis Techniques for Quality Management.
- * Assembly Methods of Plastic components & Applications of different processes.
- * Fundamentals of Designing the Injection Moulds with Practicals.
- * Industrial Design Concepts for designing an Innovative product.
- * Designing Fundamentals for Sheet metal components using various processes.
- * Basics of Press Tooling Design with Practical.
- * Component Designing for Other Processes likes Metal Casting, Die-Casting, and Forging etc.
- * Material Properties & Selection of Materials / tool steels for the typical end use.
- * Fundamentals of Jigs & Fixtures Design.
- * Industrial Visits to Molding Shop / Press shop & Tool room.

Eligibility for Admission:

- Diploma or Degree Holder in Mech. Engg. / Production Engg. With Min. First Class Marks
- Admission only against clearance of Entrance Test. & Interview.

Duration: FOUR MONTHS (450 hrs.) Full Time. (Three + One month Industrial on the job Training)

(B) PART TIME / SHORT TERM COURSES:

(2) PLASTICS PRODUCT DESIGN & MOULD DESIGN:

- * Understanding the difference between metal and plastic & Main Plastic materials in use
- * Different processes of manufacturing Plastics components.
- * Designing Concepts of Plastics components & Mould Flow Analysis Techniques for Quality Management.
- * Assembly Methods of Plastic components & Applications of different processes.
- * Fundamentals of Designing the Injection Moulds. (Course contents Product Design Projects & Exercises)

Eligibility for Admission:

- Diploma or Degree Holder in Mech. Engg. / Prod. Engg. With Min. Second Class Marks
- Engineers working in Purchase / Vendor development departments of Automobile, Consumer durable or mechanical, electromechanical industries, handling plastic components.

Duration: 10 Sessions, Sunday or Thursday Full days:

ADD ON MODULE: Six Full days. On Sheet metal Comp. design, Press Tool, Jigs & Fixtures Design.

(3) 3D Modeling Software Training: (Solid-Works, CATIA, Pro-E & Auto-Cad) with ' ; CAD ACADEMY'

FACULTY: The most of the course are conducted by Mr.Atul Magikar, who is having a 25 Years of industrial experience in design field.

JOB ASSURANCE: We are assisting in placements & due to our in depth training, all our past students have been successfully placed in reputed firms.

GIVING QUALITY EDUCATION IS OUR MISSION & YOU ARE WELCOMED TO BE PART OF THIS MISSION

Contact: Mr.Hemchandra. Agashe- (Proprietor)

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