

SPEED
TO MARKET



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AMTEC DESIGN LAB - POWERED BY SIEMENS

AIPMA's AMTEC

ARVIND MEHTA TECHNOLOGY AND
ENTREPRENEURSHIP CENTRE (MUMBAI)



22ND JUNE, 2022



75 HOURS COURSE

WEEKDAY BATCH TIMINGS

Mon, Wed & Fri - 7:00 PM to 9:00 PM

SPECIAL WEEKEND BATCH TIMINGS

Saturday - 4:00 PM to 7:00 PM | Sunday - 10:00 AM to 1:00 PM



Solution
partner

PLM

SIEMENS

Service Provider : CAD CAM Galaxy

ABOUT US

AIPMA established AIPMA's AMTEC - 'Centre of Excellence for Plastics Product Innovation and Application' in 2021 with a vision to promote high quality knowledge and industrial services for rapid growth of the plastics and its application industry. Major areas of interventions are Reverse Engineering, Product Designing and Development, Plastics packaging and industrial management programmes. The Centre of Excellence helps the Industry in reducing overall time to design, develop and rapid roll out of products thereby increasing speed to global market. The Centre helps the industry to graduate from Micro to Small, Small to Medium and Medium to Large Enterprises in increasing its share in global market.

NX CAD SOFTWARE

Introduction to Nx interface knowing gateway mode and accessing different application using MDE

MODELING

- Creating Simple 2D Objects
- Creating Sketch
- Understanding Constrains
- Inserting design featurers like extrude
- Revolve, Hole & Groover Etc.
- Using detailed features and creating
- New Parts From Multiple Parts
- Creating Identical Instance
- Creating Surface
- Creating Complex Shape with the
- Help of Sweep & Mesh Surface



DRAFTING

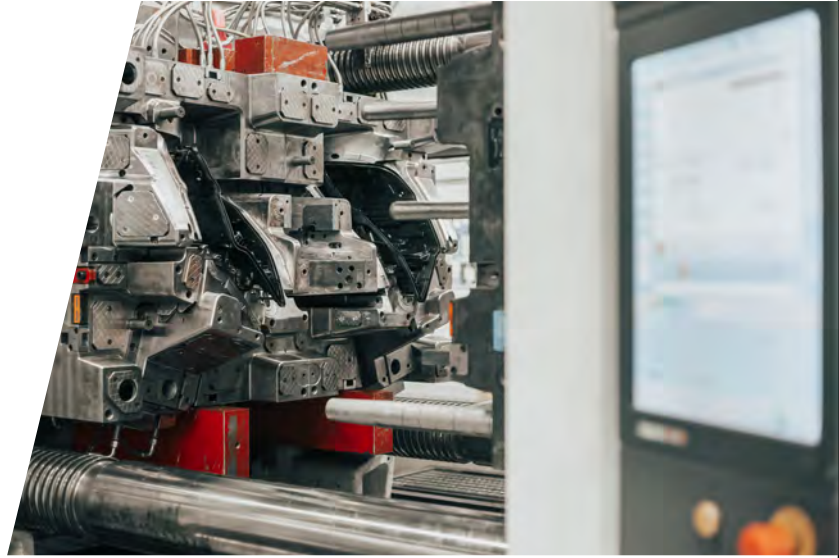
Creating sheets in 1st angle and 3rd angle inserting isometric and orthographic view Dimensioning & Labeling Drawing and Inserting Symbols Preparing bill of Material

ASSEMBLY

- Understanding the concept of Assembly inserting multiple component in master assemble
- Defining Mating Condition Between Parts
- Creating Interlink Relation in the parts
- Creating Array and Mirror Assemble
- Checking Collision between components

MOULD WIZARD

- Parting Line Extraction
- Generation of Parting Surface
- Core Cavity Extraction
- Mould Assemble



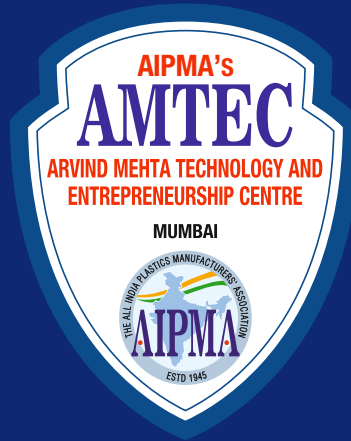
SHAPE STUDIO

Creating advance surface using style blend and style sweep etc. Assigning Material and Inserting Light to model putting special effects and rendering creating realistic image creating animation & exploring it as MPEG Video for general viewing

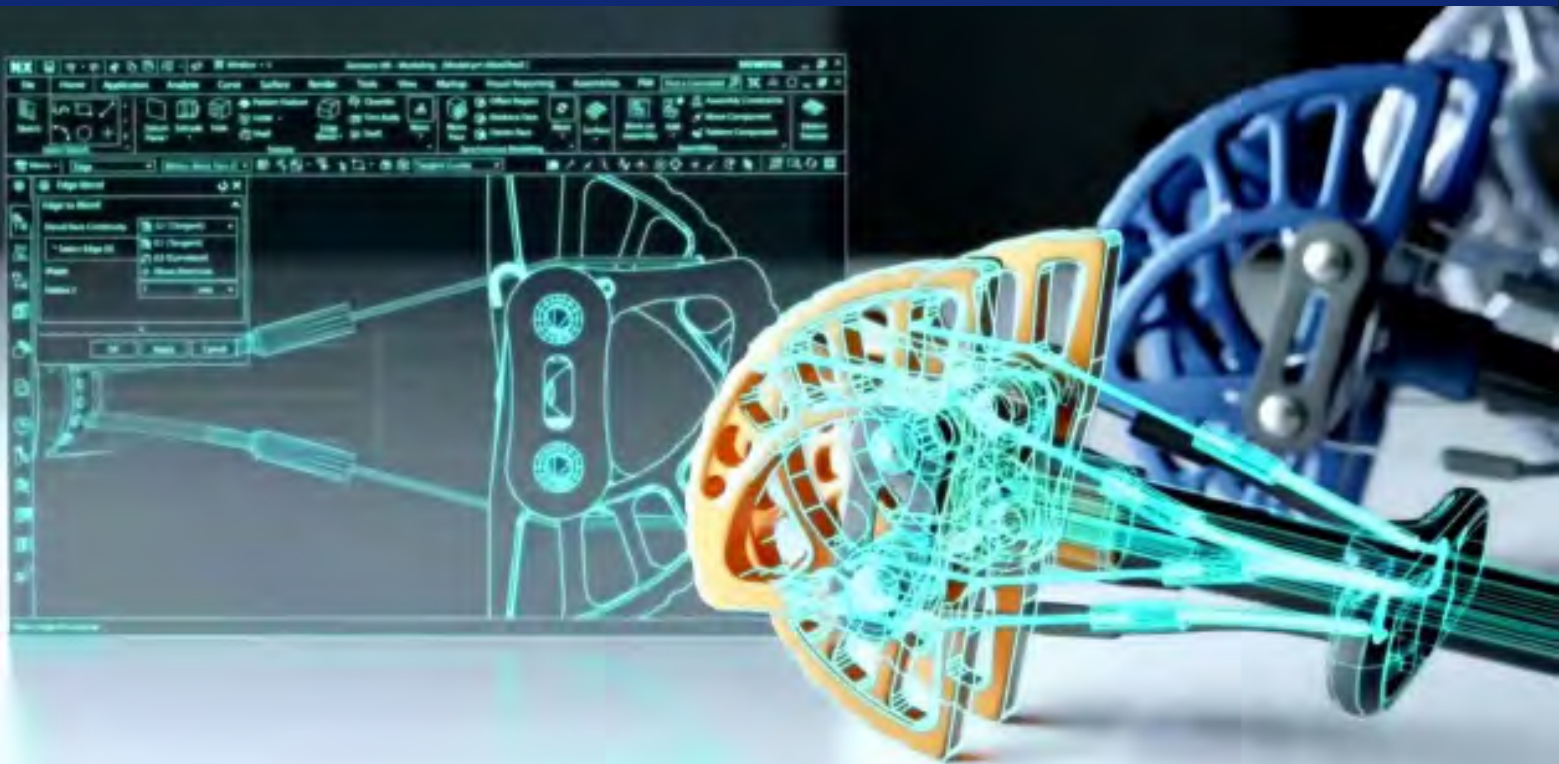
MANUFACTURING

- Initializing a cam set up
- Orienting MCS
- Defining Geometry & Using Customize
- Raw Material
- Preparing and Implementing Strategy
- Creating different operations and setting
- Parameters
- Tollpath verification & comparision
- Defining machine and post processing
- Tool Path





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CONTACT US FOR REGISTRATION



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