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Approved Training Partner of NSDC



# AIPMA's AMTEC

## ARVIND MEHTA TECHNOLOGY AND ENTREPRENEURSHIP CENTRE (MUMBAI)



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01

## VISION



To become **'Institute of Eminence'** empowering rapid growth of Indian Plastic Industry.



## MISSION

02

To disseminate emerging innovations, technologies and knowledge to make India global sourcing hub.

Increase **'Speed to Market'** for faster development of innovative products for global competitiveness

03

## GOAL



- To help the industry scale up from Micro to small, small to medium and medium to large enterprises.
- Alliance with International Knowledge partners and technology providers
- To upskill professionals and make students Industry ready



## OBJECTIVE

04

# AIPMA's AMTEC CENTRE OF EXCELLENCE FOR PLASTIC PRODUCT INNOVATION & APPLICATION

## CENTRE OF EXCELLENCE (COE)

DESIGN

REVERSE  
ENGINEERING

3D PRINTING

PLASTIC  
PACKAGINGMANAGEMENT MODULES,  
CONSULTING, CLUSTER

HOT RUNNER SYSTEMS

TESTING SERVICES

# INTERNATIONAL KNOWLEDGE PARTNERS



PRODUCT DESIGN



3D PRINTING



REVERSE ENGINEERING



PLASTIC PACKAGING



INDUSTRIAL MANAGEMENT  
PROGRAMMES



HOT RUNNER SYSTEMS



TESTING SERVICES

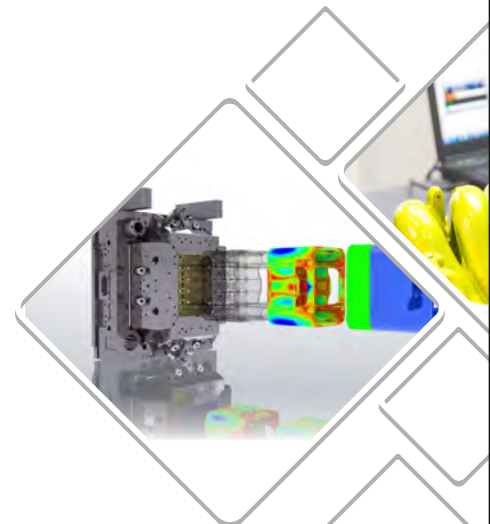
## REVERSE ENGINEERING

### SERVICES

- a. **Reverse Engineering:** 3D Scanning, Computed Tomography, Laser Sensor Scanning, Contour Measurement
- b. **Training:** Courses in GD&T Training, software training, eLearning & Blueprint Reading

### BENEFIT TO THE INDUSTRY

Speed to Market, Reverse Engineering- Scanning, Design and Prototype, increase efficiency, productivity & reduce cost of product development.



## 3D PRINTING

### SERVICES

Prototyping, Functional Testing Models, Design to Prototype project- Art to Part, Design projects - New CAD Design viability, Casting Pattern, Vacuum Casting, Low Volume Production, Jigs & fixture - Design 3D Printing

### BENEFIT TO THE INDUSTRY

Low cost prototype development, Low volume production, Speed to market.



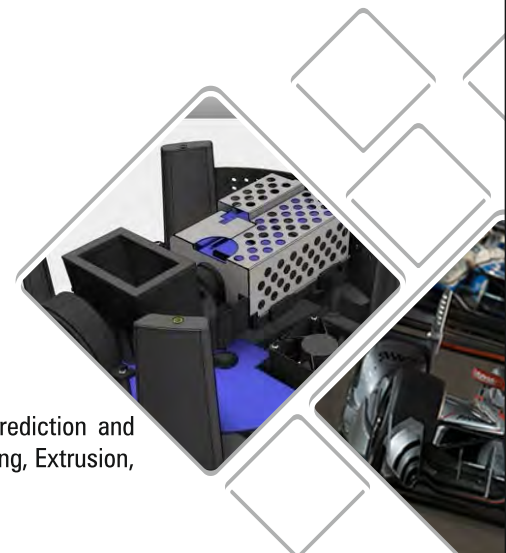
## PRODUCT DESIGN

### SERVICES

- Analytical services
- Failure Diagnosis Service-Product & Process
- Concept to Production
- Moldflow Training

### BENEFIT TO THE INDUSTRY

Proper material selection, Feed system optimization, cooling system optimization, Cycle time prediction and reduction, Optimization of process parameters, Part design optimization for injection and blow molding, Extrusion, Mold optimization, defining and optimizing 'part quality'.



# PLASTIC PACKAGING

## SERVICES

Skill Development program | Projects & Entrepreneurship | Research & Innovation | Publication & Policy Advocacy

## BENEFIT TO THE INDUSTRY

Gain knowledge in Packaging Concepts & Classifications Packaging Materials and Functions Packaging Research and Innovation Recyclability & Life Cycle Analysis Circular Economy & Sustainability



# INDUSTRIAL MANAGEMENT PROGRAMMES

## SERVICES

Strategy Planning | Goal Deployment | Design Optimization | Lean Manufacturing | Supply Chain Improvement | Quality Improvement | Business Process Optimization and IT Enablement.

## BENEFIT TO THE INDUSTRY

Management programmes would help the industry in practical implementation of projects with increased profits. They would help the industry to migrate from micro to small, small to medium and medium to large enterprises. This would help the industry to become export ready.



# AIPMA's AMTEC ONE STOP SOLUTION FOR YOUR PRODUCT DEVELOPMENT NEEDS



## INDUSTRIAL SERVICES

- Testing Services
- Reverse Engineering
- Measurement Services (Metrology)
- 3D Printing & Prototyping
- Design and Development
- Management consultancy



## TRAINING AND SKILL DEVELOPMENT

- AMTEC-FIPS Certificate Programmes on Plastic Packaging
- ZEISS Academy on Metrology
- Product Design Learning Centre
- Certificate courses on 3D Printing
- ICAET certified AMTEC-SSA Management courses

12<sup>th</sup> ANNIVERSARY



**PLASTIVISION**

INDIA | 2023 | MUMBAI

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