



www.amtecedu.org



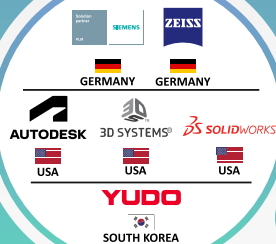
# AIPMA's AMTEC

## ARVIND MEHTA TECHNOLOGY AND ENTREPRENEURSHIP CENTRE (MUMBAI)

# CSR INITIATIVES

## AVAIL 80 (G) BENEFIT

1  
Upskilling Of Students From  
International Knowledge Partners



2  
Hi-Tech Machines, Softwares &  
Equipments for Hands-on Training



4  
Bridging the gap  
Between Industry &  
Academia



3  
100% Placement  
assistance with  
Annual Packages  
Starting from  
₹ 4 LPA



“  
Empowering  
for a  
Better Tomorrow  
”

# CSR FUNDS WELCOME

## VISION

To develop Professionals, Leaders and Entrepreneurs who can contribute to empower growth of Indian Plastics Industry by providing education, training, technology services and sustainability practices.

## MISSION

To position AMTEC as Center of Excellence by Imparting world class training to help plastics companies close skill gaps and be globally competitive.

To develop Industry-ready & employable human resources through finishing schools, technology Demo Center and global knowledge partners.

To inculcate and adapt research, incubation, innovation and entrepreneurship practices to make India self-reliant & global sourcing hub for plastic products.



## ABOUT US

The All India Plastics Manufacturers' Association (AIPMA) is the oldest (80-year-old) and the largest industry association in the country having more than 22,000 industry members across the country. AIPMA is providing knowledge based services to the industry and students on various latest technologies.

AIPMA's Arvind Mehta Technology & Entrepreneurship Centre is promoting high quality knowledge and industrial services in the areas of Reverse Engineering, Tool, Mould, Product Design, 3D Printing, Plastics Packaging, Hot Runner Systems and Management Programmes. AIPMA's AMTEC Finishing School in Plastic Production & Engineering is making students Industry Ready.



## AIPMA's AMTEC FOR PLASTICS PRODUCT INNOVATION & APPLICATION CENTRE OF EXCELLENCE (COE)

### UPSKILLING 16 SPECIALIZED COURSES OFFERED

|                                                                                                                                                                                                                       |                                                                                                                                                                                       |                                                                                                                                                                            |                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1A</b><br><br>Solution partner<br>PLM<br>Service Provider : CAD CAM Galaxy<br>GERMANY<br>NX CAD ( TOOL, MOULD, PRODUCT DESIGN ) | <b>1B</b><br><br>AUTODESK<br>AUTOCAD<br>USA<br>AUTOCAD                                             | <b>1C</b><br><br>AUTODESK<br>FUSION 360<br>USA<br>FUSION 360                           | <b>1E</b><br><br>AUTODESK<br>3ds Max<br>USA<br>3ds MAX                                                                                 |
| <b>2A</b><br><br>www.amtecedu.org<br>3D PRINTING - BASIC                                                                           | <b>2B</b><br><br>3D SYSTEMS<br>USA<br>3D PRINTING - ADVANCE                                        | <b>3</b><br><br>ZEISS<br>GERMANY<br>REVERSE ENGINEERING<br>3D SCANNING                 | <b>4</b><br><br>Research • Recreate • Revitalize<br>F.I.P.S.<br>PLASTIC PACKAGING                                                      |
| <b>5</b><br><br>Liberation Coaches<br>INDIA<br>INDUSTRIAL MANAGEMENT PROGRAMMES                                                    | <b>7</b><br><br>YUDO<br>HOT RUNNER SYSTEM<br>SOUTH KOREA<br>HOT RUNNER SYSTEMS                     | <b>8</b><br><br>NEPRA<br>ISHITVA<br>INDIA<br>RECYCLING                                  | <b>9</b><br><br>SOMAIYA VIDYAVIHAR UNIVERSITY<br>K J Somaiya Institute of Management<br>INDIA<br>SUSTAINABILITY FOR PLASTICS           |
| <b>10</b><br><br>Devanshi Electronics Pvt. Ltd.<br>INDIA<br>AUTOMATION & ROBOTICS                                                  | <b>11</b><br><br>BFW<br>Enabling progress ...<br>Service Provider : CAD CAM Galaxy<br>INDIA<br>CAM | <b>12</b><br><br>SOLIDWORKS<br>Service Provider : CAD CAM Galaxy<br>USA<br>SOLID WORKS | <b>13</b><br><br>MEDICAL PLASTICS DATA SERVICE<br>www.medicalplasticsindia.com<br>INDIA<br>PLASTICS IN MEDICAL AND HEALTHCARE INDUSTRY |

# COURSES OFFERED

**1A**

Solution partner  
**SIEMENS**  
PLM Service Provider - CAD CAM Galaxy  
**GERMANY**

**NX CAD ( TOOL, MOULD, PRODUCT DESIGN )**

- 2D Sketch
- Offset Surface, Trimmed Sheet, Thicken
- Ruled, Through Curve, Through Curve Mesh
- Sweep Along Guide, Variational Sweep, Swept
- Synchronise Modelling
- Drafting



**1B**

**AUTODESK**  
AUTOCAD  
**USA**

**AUTOCAD**

- Drawing Basics
- 2D Drafting
- Orthographic Projections
- Section
- Isometric



**1C**

**AUTODESK**  
FUSION 360  
**USA**

**FUSION 360**

- Solid Modelling
- Assembly
- Drafting
- Advance Surfacing
- Sheet Metal Designing



**2A**

**AMTEC**  
www.amtecedu.org

**3D PRINTING - BASIC**

- Introduction to traditional manufacturing
- History of 3D printing
- Detailed overview of 7 Types of 3D Printing
- Demonstration of FFF Workflow
- Hands on Software detailed guide



**2B**

**3D SYSTEMS**  
USA

**3D PRINTING - ADVANCE**

- 3D Printing Technician Workflow
- 3D Printing Technologies
- Material Properties
- Figure 4 Standalone Printer
- Designing for 3D Printing



**3**

**ZEISS**  
GERMANY

**REVERSE ENGINEERING 3D SCANNING**

- Consequences of incorrect measurements
- Factors influencing the measuring results
- Preparation of accurate measurements
- Production processes
- General operation and demonstration of the software



**7**

**YUDO**  
HOT RUNNER SYSTEM  
**SOUTH KOREA**

**HOT RUNNER SYSTEMS**

- Introduction to Yudo
- Evolution of Hot Runner systems
- Introduction to Plastics Hot Runner System for Injection Molds
- Functional & assembly Aspect in Hot Runner Systems
- Advantages of Hot Runner systems & Defects, Cause, Remedies
- Application of Hot Runner System



# COURSES OFFERED

**8**

**ISHITVA®**  
NEPRA  
INDIA

**RECYCLING**

- Understanding Waste Management and Recycling Industry
- Waste Management Basics
- Waste Management & Recycling Processes and Technologies
- Environmental and Regulatory Aspects
- Business and Entrepreneurship in Recycling
- Practical Skills and Field Visits



**9**

**SOMAIYA**  
VIDYAVIHAR UNIVERSITY  
K J Somaiya Institute of Management  
INDIA

**SUSTAINABILITY FOR PLASTICS**

- The Crisis of the Environment, Society, and Economy
- Sustainable Development Frameworks and Goals.
- Tools and Metrics for Sustainability Assessment
- Sustainability Auditing and Compliance
- Sustainable Business Practices and Reporting
- Future Trends and Strategic Pathways for Businesses



**10**

**Devanshi**  
Electronics Pvt. Ltd.  
INDIA

**AUTOMATION & ROBOTICS**

- Basic concepts about Hydraulic, Pneumatic systems
- Basic concepts about Molding Machines
- Basic concepts about Robotic systems in Molding Machines
- Points to be considered when selecting a Robotic system
- Added features in Robotic systems for Injection Molding Machines
- Signals used in Robotic systems and Injection Molding Machines



**11**

**BFW**  
Enabling progress ...  
Service Provider : CAD CAM Galaxy  
INDIA

**CAM**

- Introduction and Basics
- CNC Programming Fundamentals
- Practical Machining Operations
- CAM Software Introduction
- Material and Fixture Management



**12**

**SOLIDWORKS**  
Service Provider : CAD CAM Galaxy  
USA

**SOLID WORKS**

- Part Modelling
- Surface Modelling
- Assembly
- Drafting



**13**

**MEDICAL PLASTICS**  
DATA SERVICE  
www.medicalplasticsindia.com  
INDIA

**PLASTICS IN MEDICAL AND HEALTHCARE INDUSTRY**

- Introduction to Healthcare Plastic Materials
- Medical Plastics Product Design, including :Reverse engineering, Prototyping
- Testing & Quality Requirements of Medical Plastic Products
- Principles of Medical Plastics Processing Techniques
- Assembling Techniques Used for Manufacturing of Medical Plastics Products Manufacturing
- Healthcare Plastic Waste Reprocessing, environmental and social impact of plastics
- Regulatory Requirements for Manufacturing and Marketing of Medical Plastic Products
- Export Opportunities in 20 Country



International  
Knowledge Partners



Approved Training  
Partner of NSDC

## AIPMA's AMTEC

ARVIND MEHTA TECHNOLOGY AND ENTREPRENEURSHIP CENTRE (MUMBAI)

**1407**  
Admission

SHAPING THE FUTURE OF  
TECHNICAL EDUCATION & INNOVATION



IN TOTAL, WE HAVE UPSKILLED  
1,407+ STUDENTS TILL DATE.



400 PLUS STUDENTS EMPLOYED AT A  
YEARLY PACKAGE OF INR 5,00,000 TO  
INR 8,00,000 BY OUR  
PLACEMENT OFFICER.



79 STUDENTS HAVE BECOME  
ENTREPRENEURS



14,000 FAMILY MEMBERS  
WERE UPLIFTED.



PASS OUT STUDENTS APPOINTED  
AS PRODUCT DESIGNERS,  
3D PRINTING PRODUCTION ENGINEERS,  
REVERSE ENGINEERING TECHNICIANS  
SUSTAINABILITY OFFICERS.



AS THESE STUDENTS ARE SUCCESSFULLY  
PLACED. IT FULFILLS TOWARDS  
THE VISION OF OUR PRIME MINISTER  
FOR ATMANIRBHAR BHARAT



OUR GOAL: TO GIVE A JOB TO  
ALL UPSKILLED STUDENTS AT AMTEC.



PLACEMENT DONE AT COMPANIES LIKE  
TATA MOTORS, BAJAJ AUTO,  
MAHINDRA,  
SVP PACKING INDUSTRY & MANY MORE

## WOMEN EMPOWERMENT 104 NOS

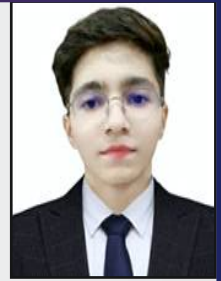


The highlights of the Program was **8 female students** out of 136 students who pursued course. They travelled daily from different remote locations. Their attitude towards the career was highly motivated. It was good to see the support and faith of the parents towards their daughters in this field dominated by men. The increase in female students with every batch as we progress, we are proud to say that AMTEC is contributing in women Empowerment.

# OUR SUCCESS STORY

## Mr. Hitesh Lohar AMTEC Student - Entrepreneur

"I have learnt how to create 3D models, products and Articles. I will use this to create automobile parts and Articles. I can also use this software to create moulds. I have started my own Business after passing out from AMTEC."



AMTEC Entrepreneur  
**Out of 79**

## Ms. Shruti Manjrekar AMTEC Student

"The NX CAD / AutoCAD training at AMTEC was very informative and industry-oriented. The trainers explained each concept clearly with practical examples, which helped me understand the software better. The hands-on training and supportive learning environment boosted my confidence and improved my technical skills. This course has helped me gain practical knowledge that will be valuable for my career."



Women Empowerment  
**Out of 104**

## Mr. Saurabh Gupta AMTEC Student

"After completing my Diploma in Mechanical Production from Prasad Institute of Technology, Jaunpur, I was unsure of my career path. Joining AMTEC changed that. Their expert training in NX- CAD and dedicated placement support gave me the technical skills and confidence I needed. Thanks to AMTEC, I successfully secured a job as a Product Development Engineer with a salary package of 4 LPA."



AMTEC Engineer  
**One of the 400  
Employed from  
AMTEC Pass out**

## Mr. Bhargav Dhanu AMTEC Student

"I graduated from L.R. Tiwari College with a Bachelor's Degree in Mechanical Engineering but needed the right technical edge to support my family. AMTEC provided that through their NX-CAD course and mock interview sessions. Their placement support was instrumental in helping me secure a role at Cosmos Impex Pvt Ltd with a 5 LPA salary."



AMTEC Executive

# WHY PARTNER WITH US?



## THE AMTEC ADVANTAGE

Why Invest Your CSR Capital with AIPMA's AMTEC ?



**Verified Integrity:** 100% transparency with Audited reports and 80G tax benefits for maximum fiscal efficiency.



**SDG Strategic Alignment:** Directly fulfill your global corporate mandates for **SDG 4** (Education), **SDG 5** (Gender Equality), and **SDG 8** (Decent Work).



**BPL Economic Upliftment:** Transforming underprivileged youth into high-earning Industrial Technocrafts.



**Women in Tech:** Women Beneficiaries in design & Technology oriented Skill Development.



**Industry-Ready Talent:** Training powered by AIPMA-certified curricula in 3D Printing, CAD/CAM, advanced manufacturing & Many More



**Corporate Visibility:** Premium brand Visibility at AIPMA's AMTEC



SDG 4

Education



SDG 5

Gender Equality



SDG 8

Decent Work

AIPMA's AMTEC Support the Sustainable Development Goals

## “₹ 1 Lakh

invested in an AMTEC student  
generates an estimated  
₹15 Lakhs in cumulative  
family income over 5 years.”

# 15x Social (ROI)

## Invest in Human Potential. Engineer Social Change.

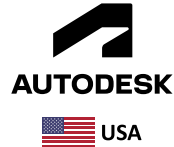
Join us in building a self-reliant India by empowering the next generation of technical leaders



## KNOWLEDGE PARTNERS



GERMANY



## CSR PARTNERS



**& MANY MORE**

## FOR CSR ENQUIRY

Ms. Radha Gogal : +91 98921 86013 | eaceo@amtecedu.org

**PLASTIWORLD**  
23, 24, 25 MARCH 2026  
B2B PLASTIC FINISHED PRODUCTS EXPO  
Jio World Convention Centre, Mumbai  
www.plastiworld.org



3<sup>RD</sup> GLOBAL CONCLAVE ON PLASTIC  
RECYCLING AND SUSTAINABILITY  
INTERNATIONAL EXHIBITION  
2<sup>ND</sup> - 5<sup>TH</sup> JULY, 2026  
Bharat Mandapam, ICC, (Pragati Maidan), New Delhi  
www.gcprs.org



**PLASTIVISION**  
INDIA 121 to 25 JAN 2027  
INTERNATIONAL PLASTICS EXHIBITION & CONFERENCE  
BOMBAY EXHIBITION CENTRE  
www.plastivision.org



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