



POWERING PROGRESS THROUGH PLASTICS
www.aipma.net



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Skill India
कौशल भारत - कुशल भारत

Approved Training Partner of NSDC



N.S.D.C
National
Skill Development
Corporation

Transforming the skill landscape

AIPMA's AMTEC

Introducing

Waste Management, Sorting Automation & Recycling Course



CSR FUNDS WELCOME

Half Knowledge

Plastic is Banned,
Cannot be recycled

Education

**Plastic Products below 50
Micron thickness are banned**
all thermoplastic materials
can be recycled

RECYCLE IT ALL, NO MATTER HOW SMALL!

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 .



Courses Offered:-

- NX CAD: Tool, Mould, Product Design (SIEMENS) Germany
- AUTOCAD (Autodesk)
- Fusion 360 (Autodesk)
- 3D Printing - Basic
- 3D Printing Advance (3D SYSTEM) USA
- 3D Scanning: Reverse Engineering (ZEISS) Germany

KEY HIGHLIGHTS

- Bridge the gap between academia and the industry.
- Motto - 'Making students Industry Ready.'
- We Provide 'Hands on Training.'
- Industries recruit students for various functions including Design, Planning, Production, Quality, Sales & Marketing, Service & Support, etc.,
- Approved training partner of Skill India, NSDC.

COURSE OVERVIEW

Waste Management, Sorting Automation & Recycling Course



DURATION

**₹. 15,000/-
Plus GST**

- Best Faculty
- Limited Seats & Availability
- Weekdays and Weekend Batches available

This course aims to provide students with comprehensive knowledge and skills necessary to enter the waste management and recycling industry as trainees. Focused on the Indian context, the curriculum covers various aspects of waste management, recycling, including its importance, processes, technologies, regulations, and career opportunities.

Through a combination of theoretical learning, case studies, practical exercises, and industry exposure, students will develop a strong foundation to kickstart their careers in the sector.



ASSESSMENT

- Quizzes and assignments in between the courses to evaluate understanding of theoretical concepts
- Practical demonstrations and simulations to assess technical skills
- Final project or presentation showcasing knowledge gained and potential contributions to the sector.

MODULES

Module 1: Understanding Waste Management and Recycling Industry

- Introduction to Waste Management and Recycling: Importance, benefits, and challenges
- Overview of the waste management & recycling sector in India: Current scenario and prospects
- Global trends and best practices in the sector

Module 2: Waste Management Basics

- Types of waste: Solid, liquid, and hazardous
- Waste collection, segregation, and transportation
- Waste audits and assessment techniques

Module 3: Waste Management & Recycling Processes and Technologies

- Principles of recycling: Reduce, reuse, recycle
- Overview of processes: Mechanical, biological, and chemical
- Concepts of Waste-to-energy, pyrolysis, and composting
- Emerging technologies in the industry- AI, ML, Robotics, etc

Module 4: Environmental and Regulatory Aspects

- Environmental impacts of effective waste management & recycling
- Regulatory framework: Laws, policies, and compliance requirements
- Role of government agencies, private companies and NGOs

Module 5: Business and Entrepreneurship in Recycling

- Business models in recycling: Collection, processing, and manufacturing
- Market analysis and feasibility studies
- Entrepreneurial stories and business case

Module 6: Practical Skills and Field Visits

- Hands-on training in waste sorting, segregation, and processing techniques at renowned waste management plants, recycling units, etc
- Field visits to material recovery facilities, waste management sites, recycling units and landfills
- Guest lectures by industry experts and practitioners

Module 7: Career Development and Placement Preparation

- Resume building and interview skills workshop
- Networking opportunities with industry professionals
- Guidance on internship and job placements in the sector

Others:

-A joint "Certificate of Completion" will be provided by NEPRA, IRS, Skill India NSDC & AIPMA's AMTEC

*Terms and Conditions applicable

Get Certified By



AIPMA's AMTEC JOURNEY & ACHIEVEMENTS

YEAR 2021 to 2024

PASS OUT STUDENTS: 881 PLUS

OUR ACHIEVEMENT

A

Students employed at yearly package of
INR 3,00,000 to 4,00,000 Plus.

B

Placement done at Companies like TATA Motors , Varroc Polymers,
Mindarika Pvt Ltd, Bajaj Auto, Mahindra, Jay Precision,
SVP Packing Industry Ltd, ARMS, Dental Illusion, Toothsi,
OLA Electric Mobility, Creative Dies & Moulds.

C

As this students are successfully placed through
our Job Drive, it fulfills towards the vision of our
Prime Minister for **Atmanirbhar Bharat**



ARVIND MEHTA TECHNOLOGY & ENTREPRENEURSHIP CENTRE (AMTEC)

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