

INTRODUCTION

The Japan-India Manufacturing Skills and Excellence Programme aims to help students develop basic technical knowledge, industrial safety awareness, quality consciousness and professional skills for manufacturing-related careers.

The training introduces students to Japanese manufacturing practices, workplace discipline, teamwork and Kaizen, the practice of continuous improvement.

FOCUS AREAS

Module 1: Maintenance

- Electrical and Electronics Fundamentals
- Pneumatics and Hydraulic Systems
- Introduction to Robotics
- PLC Programming

Module 2: Safety Management

- Basic Industrial Safety, STOP 6+2 and Accidents
- Hiyari Hatto and KYT (Kiken Yochi Training: hazard prediction training)
- Emergency Preparedness and Evacuation
- Fire Fighting, First Aid, Safety Audits and Rank A Audit
- Production Area Specific Safety
- Welding | Paint | Assembly | Mechatronics | Logistics | Press Shop | Quality

Module 3: Quality Control

- Quality Fundamentals and Quality Mindset
- QC Tools and Quality Data
- Problem Solving and Root Cause Analysis
- Standardization, Traceability and Quality Assurance
- Kaizen and Employee Participation in Quality Improvement
- Practical Application by Skill Area – Select One
- Integrated Practical Exercise and Presentation

Module 4: Soft Skills

- Workplace Communication and Reporting
- Accountability, Responsibility and Discipline
- Teamwork and Interpersonal Relations
- Problem Solving, Kaizen and Continuous Improvement
- Adaptability and Flexibility
- Workplace Behaviour in Japanese Manufacturing
- Integrated Workplace Situations / Role Play
- Integrated Assessment Methodology

KEY TAKE AWAYS

Benefits for Students

- Develop foundational knowledge of manufacturing systems.
- Improve safety awareness and quality consciousness.
- Learn structured problem-solving and continuous improvement.
- Strengthen communication, teamwork and workplace discipline.
- Understand Japanese manufacturing practices and industry expectations.

PARTICIPATION FEE

PARTICIPANT PROFILE

Training Fee and Sponsorship

Nil (Sponsored Course)

Selection Process

Selection will be based on:

1. Academic performance
2. Interview performance

Note: Final selection is subject to eligibility criteria, selection requirements, and available seats.

Participant Profile:

- Students currently pursuing a Diploma or Engineering degree in Mechanical, Mechatronics, Electrical, or allied disciplines.
- Diploma and Engineering graduates from the above disciplines who passed out in 2024, 2025, or 2026.

Certification

A joint certification IMTMA and Sponsor of the programme

Career and Placement Support

Supported by the placement assistance after completion of the Course followed by 2 months automation course

FACULTY

This program will be conducted by Industry experts from IMTMA who are having more than 30 years' experience.

For Registration Contact

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