

INTRODUCTION

Building Skills. Strengthening Competence. Preparing Industry-Ready Talent.

Introduction

The Japan-India Manufacturing Skills and Excellence Programme aims to help eligible Engineering and Diploma students develop the technical knowledge, industrial safety awareness, quality mindset and professional skills required for manufacturing-related careers.

Supported through Japanese sponsorship under the METHI Project, the programme focuses on developing foundational competencies aligned with manufacturing industry practices and workplace expectations.

Training is offered free of charge to eligible students under the approved sponsorship arrangements.

- Four essential learning areas: Maintenance, Safety Management, Quality Control and Soft Skills.
- Training by industry experts and qualified trainers, subject to approved arrangements.
- Industry-oriented course content and practical learning activities, as specified in the training plan.
- Exposure to Japanese manufacturing practices, workplace discipline, quality consciousness and Kaizen principles.
- Development of technical knowledge, communication, teamwork and problem-solving skills.
- A focus on employability and readiness for manufacturing-related careers.
- **No training fee for eligible participants under the applicable sponsorship terms.**

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

Participants will have the opportunity to:

- Develop foundational knowledge of manufacturing systems and processes.
- Strengthen industrial safety awareness and quality consciousness.
- Understand problem-solving, root cause analysis and continuous improvement.
- Improve communication, teamwork and professional behaviour.
- Gain exposure to Japanese manufacturing practices and workplace expectations.
- Strengthen their preparation for manufacturing-related employment opportunities.

PARTICIPATION FEE

PARTICIPANT PROFILE

Training Fee and Sponsorship

The programme is offered **free of charge to the selected students** under the approved for the METHI Project and sponsorship by ICNET Japan.

Selection Process

Selection will be based on:

1. An aptitude test.
2. A personal interview conducted by IMTMA management or its authorized representatives, in accordance with the approved selection process.

Final participation will be subject to the prescribed eligibility criteria, selection requirements and available training capacity.

Certification

A joint certification arrangement involving IMTMA and the authorized Japanese project partner or certification body may be communicated once formally approved by the relevant organizations.

Any certificate will be subject to the confirmed issuing authorities, prescribed attendance requirements and applicable assessment criteria.

Career and Placement Support

Placement assistance may be provided to eligible participants after successful programme completion, subject to the approved project arrangements and opportunities available.

Participation in the programme does not guarantee employment, an interview, an internship or placement with any organization.

Programme Disclaimer

The programme is subject to approved terms and conditions. Sponsorship, certification and placement support are subject to official confirmation. IMTMA shall have no additional obligations or liabilities unless expressly agreed in writing. Participation does not guarantee employment or any specific outcome.

FACULTY

Training will be delivered by industry experts and qualified trainers in accordance with the approved faculty arrangements.

For Registration Contact

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REGISTRATION : Prior registration for participation is necessary. Number of participants is limited and will be accepted on ‘First Come First Serve’ basis. A Certificate of participation will be issued to participants.
Important Information : Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.