



OmniLearn

2025

Total productive Maintenance Curriculum



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Our Company

- ❖ **Global Excellence**

Leading digital career enhancement across the globe.

- ❖ **Rigorous Training**

Dive into our programs for comprehensive and customised training, personalised project support and career counselling.

- ❖ **Empowering Millions**

Transforming lives with practical knowledge for professional success.

- ❖ **Globally Recognized Expertise**

Join us for industry-recognized excellence in the digital era.

Instructor Profile

AMOL S. PANDIT , FOUNDER AND CEO



- Conducted over 5000 training sessions, driving measurable improvements in operational efficiency and team performance.
- Consulted for Fortune 500 companies and world-class academic institutions, fostering innovation and growth.
- Developed and implemented customized training curriculums, focusing on practical applications and organizational objectives.

Course Description

The Total Productive Maintenance (TPM) Certification Course empowers participants with the skills to enhance equipment efficiency, minimize downtime, and maximize productivity in manufacturing and service industries. Covering core TPM principles like autonomous, planned, and quality maintenance, it provides practical strategies for continuous improvement. Key benefits include identifying and eliminating inefficiencies, implementing preventive maintenance, and fostering employee ownership for sustainable progress. Participants will learn to boost overall equipment effectiveness (OEE), leading to higher productivity and cost savings. Ideal for maintenance professionals, production managers, and quality specialists, this course offers hands-on insights to successfully implement TPM in any organization.

Key Points Learned

- Fundamental concepts, history, and objectives of Total Productive Maintenance (TPM).
- Detailed exploration of the eight pillars of TPM and their practical applications.
- Benefits, barriers, and performance measurement techniques, including Overall Equipment Effectiveness (OEE).
- Comparison of TPM with Total Quality Management (TQM) and insights into types of maintenance strategies.
- Tools and implementation strategies, including 5S, Kaizen, autonomous maintenance plans, and Standard Operating Procedures (SOPs).

Course Curriculum

Introduction to TPM

- Overview of Total Productive Maintenance
- Objectives and benefits of TPM
- The 8 pillars of TPM
- Real-world examples of TPM success stories

TPM and Operational Efficiency

- Key metrics for measuring TPM success
- Types of production losses and how TPM addresses them
- Link between TPM and Lean manufacturing

Autonomous Maintenance

- Role of operators in maintenance
- Steps for implementing autonomous maintenance
- Daily checks, cleaning, and lubrication routines
- Case study: Autonomous maintenance in action

Course Curriculum

Planned and Preventive Maintenance

- Differences between planned and preventive maintenance
- Strategies for scheduling maintenance activities
- Tools for predictive maintenance

Focused Improvement

- Root Cause Analysis (RCA) techniques
- Kaizen and small group improvement activities
- Practical exercise: Identifying and eliminating a production loss

Implementation and Sustainability

- Steps for implementing TPM in your organization
- Overcoming resistance to change
- Role of leadership and team collaboration
- Sustaining TPM efforts for long-term success

Career Benefits

- Develop expertise in TPM principles to improve productivity and reduce downtime.
- Master OEE metrics to evaluate and enhance equipment performance.
- Gain practical maintenance skills for reliable machinery operation.
- Enhance problem-solving abilities through RCA and Kaizen techniques.
- Learn to implement and sustain TPM for leadership in process optimization.


Omnilearn Advantage

Unlocked

- Tailored course material to suit the learner's experience and knowledge level.
- Real-world projects to apply concepts and enhance learning.
- Access to downloadable resources for future reference.
- Practice exams that mimic real test conditions to boost exam readiness.
- Industry-recognized certificate awarded upon program completion.
- Round-the-clock support for all learner inquiries.
- Year-long access to recorded lessons for review and learning at your convenience.

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