

# MBizM™ Lean Enterprise



## INTRODUCTION

- ◆ A Lean Enterprise is an organization that has fully integrated Lean philosophy and techniques into its business model. Lean Manufacturing techniques were developed in the manufacturing sector but companies soon realized that all manufacturing processes are initiated by non-manufacturing activities.
- ◆ Successful change is achieved by discovering new ways to effectively re-organize and align all of your business processes to increase throughput, reduce costs and improve quality. Lean Enterprise training would allow organizations to improve the productivity, efficiency, and quality of their products or services. Upon completion of this programme, the participants will be able to:
  - ◆ Understand Lean Philosophies, Lean Teams and Lean Tools for organisational improvements,
  - ◆ Discuss and deploy the Lean Strategy and Framework
  - ◆ Appreciate the Value Streams and mapping the current state of their plants,
  - ◆ Identify, prioritise and eliminate waste streams using relevant and effective Lean Tools,
  - ◆ Lead multiple projects and form Continuous Improvement teams,
  - ◆ Improve the overall efficiency, productivity and quality of their respective operations.

**Duration = 3 Days**

## COURSE CONTENT / CURRICULUM

### DAY ONE

#### **Module 1: Lean Management**

Introducing Lean Management  
Lean Kaizen Teams  
7 Wastes & Lean House  
What is Six Sigma

#### **Module 2: Waste Management**

Identifying The 7 Wastes  
Problem Solving Techniques  
Workplace Ergonomics

#### **Module 3: Workplace Organisation**

5S Housekeeping  
5S Auditing  
5S Template

#### **Module 4: Standardised Work**

What is Takt Time  
Standardised Motions  
Work Balancing

### DAY TWO

#### **Module 5: Value Stream Mapping-VSM**

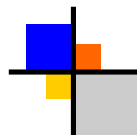
Creating a Current State Map  
Analysing the Current State Map  
Generating ideas from VSM

#### **Module 6: Total Productive Maintenance**

What is TPM and Metrics  
Losses in Equipment  
Phases and Steps of TPM

#### **Module 7: OEE & Plant Layouts**

Calculating OEE  
Availability, Productivity & Quality  
Issues with Plant Layouts



#### **Module 8: Quick Changeovers**

What is SMED?  
Steps to conduct SMED?  
Improving Methods for SMED

### DAY THREE

#### **Module 9: Error Proofing**

What is Poka Yoke?  
Poka Yoke Methods  
Poka Yoke Devices

#### **Module 10: Jidoka & Andon**

Visual Management  
Autonomation Techniques  
Visual Display and Control

#### **Module 11: Production Levelling**

What is Heijunka?  
Heijunka Box  
What is Heijunka Pacemaker?

#### **Module 11: JIT, Cellular & Kanban**

Concept of Just in Time  
Cellular Manufacturing  
Kanban Functions

**Presented By:**



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