

# LEAN Management Certification Program

*“If you do not understand, it does not change anything,  
if you understand, it does not change anything”  
Well known ZEN saying*

We believe that the best way to learn & imbibe new concepts is only by “DOING” (practicing at the workplace), as is the case with basic motor skills like walking, cycling, swimming, etc. Our programme is accordingly designed to enable the participants to understand the lean philosophy by implementing relevant concepts, tools and techniques in their respective units.

After completing the programme the participant is expected to contribute to his / her Organization in three levels:

1. Learn Lean tools and techniques and do relevant process improvements himself
2. Lead Cross Functional Teams for implementing process improvements in his area
3. Influence others in the Organisation to follow the Lean Path, there by spreading the philosophy bring about cultural change

## **Who Should Attend?**

The target audience for this program are senior managers having the responsibility of heading SBUs, Plants, Functions / Departments, or those assigned with specific responsibility of process improvements.

## **Certification**

Participants who successfully complete the course by passing test, viva and project assessment will be certified as Lean Managers by KIAP. Those who have attended all the modules but not cleared the test, viva and project assessment will be given participation certification only.

# Course Structure

## LEAN Champion Certification Program

### Module

1

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3 Days

To facilitate “learning by doing”, each module is spaced by a two week gap during which the participants are expected to complete their practical assignments

At the end of the module the participants should be able to:

- Diagnose problems in his organization and realize the potential for improvement
- Draw a roadmap for improvement for his organization

Building blocks of Lean – Foundation:

- Kanzen – Spirit, Philosophy and Approach
- Kanzen Management Model
- Foundation of LEAN/ Principles of LEAN manufacturing
- Introduction to 3M and their types.
- Muda walk and basic process mapping tools
- Value stream mapping - Learning it at the classroom

Assignment: Value Stream Mapping of one product /service stream in their respective organisation.

### Module

2

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3 Days

At the end of the module the participants possess:

- In depth understanding of tools required to create flow manufacturing
- Apply some of the basic techniques used for problem solving

Overview of Lean tools to achieve manufacturing excellence:

- Creating flow and Layout design
- Breaking batch size through SMED
- 5S and Workstation design to enable flow
- Visual Management to enable flow and manage the process
- Takt time and production leveling, standardized work
- Elements of TPM, Jidoka, TQM, etc
- Our unique Differential Diagnosis to solve chronic quality problems

Assignment: Take up one project from the value stream in their respective units, do improvement (kaizen) and record results.

### Module

3

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2 Days

At the end of the module the participants should be able to:

- Appreciate the roles of support systems required to achieve Excellence
- Lead teams for implementing change in his organisation

Managing and leading cultural change:

- Leading people to implement changes
- Goal alignment - policy deployment
- Gemba kaizen methodology
- Integration of people to create a LEAN culture

Test and Viva, Final project review and assessment

# Contact



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