

# Value Stream Mapping



approach that can greatly simplify processes and improve performance yielding benefit to all stakeholders. An effective tool of Lean system Value Stream Mapping (VSM) focuses on creating value for the customer and eliminating waste. It enables a company to identify and eliminate waste, thereby streamlining work processes, cutting lead times, reducing costs and increasing quality. The stream of activity within an organisation that creates customer value with no wastes in the process is called lean value stream. The Value Stream Mapping (VSM) training course provides delegates with the practical skills to use value stream mapping in a service or manufacturing organisation.

This course uses a blend of theory and practical exercises. During this course delegates will develop an understanding of customer value and the key elements and methods of Value Stream Mapping, how to define and analyse the current state value stream map—material and information flows, the three stages to develop an ideal future state map and how to derive a kaizen improvement plan.

## Course Methodology

Course will deal with case studies explaining various tools and different industrial scenarios. Further, group exercises with hands-on construction and improvement of value stream maps would improve the situations and understand the methodology quickly.

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## Course Content

- Introduction
- Understanding customer value
- Value add, value enabling and non-value adding activities
- Elements of a Value Stream Map
- Material flows and information flows
- Value stream metrics
- Construction of As-Is VSM (Current VSM)
- Data Collection Methods
- Establishing Baseline performance
- Identifying Improvement opportunities through wastes
- Identifying bottle neck operations
- Takt time analysis & Work balancing graph
- Developing an ideal future state: Customer demand , Continuous flow , Levelling
- Kaizen Improvement plans
- Box score and before/after comparison

## Course Outcome

Case study and group exercise with hands-on construction and improvement of value stream maps would enable participants to identify improvement opportunities in the process and enhance process benefits

## Who Should Attend

This program is recommended for people from both service as well as manufacturing industry:

- Business Heads
- Production / Manufacturing Engineers
- Production/ Process Planning Engineers/Managers
- Lean and Six Sigma Greenbelts & Black Belts
- Quality Managers
- Heads of Hospitals and Food Processing units
- Unit heads
- SME Entrepreneurs

## Certification:

Certificate of attendance shall be issued to all the delegates attending entire duration of the training course.

**Duration:** 2days