

## INTRODUCTION

**Design thinking** is a creative problem-solving method that helps teams develop innovative solutions to complex problems. It is based on the processes and methods used by designers, but can be applied to any field.

Nearly 70 % of all quality problems are design and planning related. Problem solving at the downstream end is more costly and time consuming than fixing it at the source. Design thinking is the contemporary philosophy to enhance the product and process development, generation, and execution.

This program comprises two stages- 1) Foundation Stage and 2) Structure Stage. Foundation stage will instill attributes and Design thinking culture in the participant. While Structure stage will develop a rational thinking ability.

## FOCUS AREAS

- Listing of common problems across organization
- Shortlisting
- Team formation - High Potential (HI-POT) Cross Functional team
- Defining problem statement
- Observing User Needs and respect his pain areas
- Idea generation
- Research
- Brainstorming
- Combine, expand, and refine ideas
- Review the objective
- Testing
- Implement
- User Feedback
- Documentation

## KEY TAKE AWAYS

**Upon completion of this course the participant will be able to:**

- Know the philosophies of Six Sigma, TOC, DOE methodologies.
- Rationalize towards robust process design (during Structure stage).
- Standardize the processes to optimize the output.

## PARTICIPATION FEE

**Rs. 6600/-**

+18% GST

**IMTMA Members/ Micro Companies/ Individuals/  
Educational Institutions / Students/ IMTMA Non  
Members/ Others**

**USD 260/-**

**Overseas Participants**

**Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company**

## PARTICIPANT PROFILE

The personnel in Design, Process Planning, Quality, Assembly and Value Engineering departments - The Managers, General Managers, Vice Presidents and above ranked personnel.

Participants can bring their real-life problems. We will discuss the same in the 2<sup>nd</sup> stage of the training.

## FACULTY

**Mr.Dhananjay M. Apte**, Master in Engineering (Mechanical) has 30 years of experience. Presently working as Management & Engineering Consultant, Faculty and the Industry Trainer in **Six Sigma, DOE and QC Tools** along with Managerial/ Supervisory Effectiveness, Project & Productivity Enhancement skills, Statistical Quality & Process Control (SQC, SPC) and Operations Research. He has conducted more than 60 Training programs and consultancy assignments during the year 2010-14 in the said area.

He has acquired a wide practical skill set for delivering the result oriented Training through his Hard core and path finder experience in Production, Projects, Quality, Sales & Service. The unique feature in the Training is SIMPLE, INTERACTIVE APPROACH for best impact and results.

Prof. Apte has developed and implemented a Management Software named “Task Manager”. A mini-ERP Software for Effective Project Planning, Scheduling, tracking and Monitoring. He has implemented this software to Siemens associates, Mahindra & Mahindra and other Project based companies.

### 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.