

## **Six Sigma and Lean Thinking**

### **Programme Coordinator: Prof. Shankar Purbey**

#### **About Programme**

Six-Sigma is a data driven process improvement methodology. Many a times the project leaders suffer from the lack of adequate understanding of the appropriate tool to apply in a real life situation. Ultimately most of the time prior knowledge or experience take precedence over data analysis. How long we can depend on outside consultants. If Six Sigma has to be natural way we do business then we must have internal change agents who will take the mantle of creating more of change agents inside the organization. The aim of the program is to provide an in-depth knowledge to the participants to equip them with methodology to deal with problems independently, so that these people can work as internal resource personnel.

#### **Learning Objectives**

The Program is intended to provide a broad Quality management and process improvement perspective to the participant and help them in implementing six sigma and lean thinking in the organization. The specific objectives of the Program are:

1. To acquaint participants with tools and techniques to develop effective and efficient process and quality management principles in the organization.
2. To provide a forum for participants to discuss various issues and challenges associated with process improvement and quality management, and share their experiences.

#### **Expected Learning Outcomes**

At the end of the course participants will be able to gain a thorough knowledge on lean thinking and six sigma. In general participants will be able to:

1. Identify Bottlenecks
2. Improve process performance
3. Apply Statistical Process Control
4. Implement Six Sigma method
5. Apply Quality Tools

#### **Programme Content**

The programme details the following aspects:

1. Process Bottleneck
2. Quality Management Tools
3. Statistical Process Control
4. Change Management
5. Understanding different types of waste in the organization

## 6. Implementing Lean Philosophy

### **Pedagogy**

The training program will be facilitated through a combination of lectures, management games, case study exercises and discussion. The emphasis is on learning through class participation and problem solving.

### **Who Will Benefit?**

The program is targeted on participants who are looking to identify and action opportunities for sustainable improvement in their organisations. This program has been designed for senior executives, managers, professionals, team leaders, operational staff, NGO, research analysts and academic faculty members, working in public or private sector in service, process, and manufacturing organizations.

### **Duration**

The programme sessions are designed to deliver the content of the programme effectively over a three-day period.

### **Programme Dates**

The dates for the CEP are December 06-08, 2022.

### **Programme Fee**

Programme fee is Rs 12000/- per participant which includes expenses towards tuition, academic, material fee, lunch, refreshment and site visit (wherever applicable). Accommodation charges are extra on actual basis which will be arranged as per need of the participants.

### **Faculty for the Program**

1. Prof. Shankar Purbey (Programme Coordinator)  
(<https://dmi.ac.in/about-faculty/20/Shankar>)
2. Prof. Surya Bhushan (Joint Programme Coordinator)  
(<https://dmi.ac.in/about-faculty/3/Surya>)
3. Prof. Aditi Thakur (Joint Programme Coordinator)  
(<https://dmi.ac.in/about-faculty/2/Aditi>)

## **Contact Details**

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