

# Six Sigma on Yellow Belt

13 September 2024 10:00 AM - 13 September 2024 05:30 PM

## Brief Overview:

Achieving operational excellence is crucial in today's business environment. The Six Sigma Yellow Belt course offers a foundational understanding of Six Sigma principles, equipping participants with the skills to contribute effectively to quality improvement projects. This course provides insights into the methodology, tools, and techniques that form the cornerstone of Six Sigma, preparing attendees to support Green and Black Belt projects and drive continuous improvement in their organizations.

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## Session content:

- **1. Introduction to Six Sigma**

- History and application of Six Sigma
- Key concepts and benefits of Six Sigma methodology

- **2. Process Improvement and Quality Methods**

- Overview of various process improvement techniques
- Lean principles and the integration with Six Sigma

- **3. Understanding Lean Tools**

- MUDA, MURA, and MURI: Identifying and eliminating waste
- Value stream mapping for process visualization
- Kaizen and Poka Yoke for continuous improvement

- **4. Six Sigma Fundamentals**

- Basic Six Sigma concepts
- The DMAIC methodology (Define, Measure, Analyze, Improve, Control)
- Selecting the right projects and managing Six Sigma teams

- **5. Practical Application**

- Real-world case studies to apply learned concepts

- Interactive sessions for hands-on experience

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## For Whom:

- This course is designed for professionals seeking to enhance their understanding of Six Sigma and contribute to quality improvement initiatives. It is ideal for employees involved in process improvement projects, team members supporting Six Sigma initiatives, and those looking to build a strong foundation in quality management. Whether you are in manufacturing, service, healthcare, or any other industry, this course will empower you with the essential tools and knowledge to drive operational excellence.

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## Key Takeaways:

- **Foundational Knowledge:** Acquire a solid understanding of Six Sigma principles and Lean tools.
- **Practical Skills:** Learn to apply Six Sigma methodologies to real-world scenarios.
- **Continuous Improvement:** Understand how to identify and eliminate waste in processes.
- **Team Support:** Gain the skills to effectively support Green and Black Belt projects.
- **Enhanced Problem-Solving:** Improve your ability to contribute to quality improvement initiatives.

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## Facilitator profile:

### Dr. Gopal Sivakumar

Dr. Gopal Sivakumar is an accomplished professional with a Ph.D. in Mechanical Engineering, a Master's in Industrial Engineering, and a Bachelor's in Production Engineering.

He holds various certifications, including a Lean Six Sigma Black Belt. With over 18 years of experience in training, research, and consulting, he has conducted 6600 hours of training for over 5000 participants in areas such as Lean Six Sigma (LSS) and Quality Control (QC) tools.

Dr. Gopal has authored nine books and 17 research papers on mechanical engineering, mathematics, and statistical topics. He is known for his expertise in operational excellence, RCA, SPC, MSA, DoE, hypothesis testing, correlation, and regression.

His training methodology is praised for being systematic and effective, making complex concepts easy to understand.

Dr. Gopal has successfully implemented DMAIC projects in manufacturing, automotive, and services sectors, receiving high commendation from trainees and professionals alike for his exceptional teaching skills and practical approach to problem-solving.

## Fee Details:

- **Fee Details**
- Member amount : Rs 1800.00- (Including 18% GST)
- Non Member amount : Rs 2400.00- (Including 18% GST)

- Total Member count :