



Six Sigma Green Belt (Online) Training & Certification

Why Six Sigma?

- Competitive pressure is forcing the Organizations to look for the ways and means for improving their processes, so that the Quality of the products and services improve, waste reduces, and customer satisfaction increases.
- Improved Customer satisfaction is the goal of Six Sigma. It cannot just happen. The methodology of Six Sigma aims at integrating all operations throughout the organizations to make them produce right first time.
- Six Sigma Implementation Program covers a variety of processes related to manufacturing and services including, but not limited to, distribution operations, warehousing and inventory management, hospitality, health care, electronics equipment manufacturing, electronics component manufacturing, boiler industry to printed circuit board industry, banking to insurance business and what not.
- Your Organization shall benefit from Six Sigma initiative regardless of products you make or services you offer. This initiative involves everyone in the organization from the Top Management to the shop floor personnel.
- If you make Six Sigma as business strategy, the end result will get reflected in sustainable bottom-line improvements.

Objectives:

- To provide an understanding of more advanced concepts of Six Sigma methodology.
- To equip the participants with how to deal with real life problems, so that they can work as internal resource personnel and assist the Black Belts / Master Black Belt effectively in their respective organizations.

Learning outcomes:

- Identify quality problems in various manufacturing and service processes within your organization.
- Link the quality problems to the specific process, products (or services), and people.
- Recognize critical to quality characteristics (CTQ) in various quality-related problems.
- Apply the DMAIC approach of Six Sigma methodology for their process improvement projects.
- Perform various graphical and statistical analysis of the process data to extract valuable and actionable information.
- Interpret various statistical measures of the data.
- Use readily available statistical packages like R-studio and MS Excel for data analysis.
- Identify and carry out real-life process improvement projects, which will significantly improve the bottom line of your organization.



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Regional Directorate Hyderabad

Coverage:

Module No.	Topics	Dates	Timings	Fee (incl. GST)
I	Concept of quality	6th - 7th Dec 2021	10:00 am - 12:00 pm	1770
	Overview of Six Sigma			
	z-Value			
	Projects, Project Charter			
	DMAIC			
	Process mapping			
II	Types of Data	13th - 15th Dec 2021	10:00 am - 12:00 pm	2655
	Process capability			
	Gage Repeatability and Reproducibility (GRR)			
	QC tools			
III	Statistics	20th - 23rd Dec 2021	10:00 am - 12:00 pm	3540
	Probability Distribution			
	Hypothesis Testing			
	ANOVA			
IV	Regression	27th - 30th Dec 2021	10:00 am - 12:00 pm	3540
	Statistical Quality Control (SQC)			
	Design of Experiments (DOE)			
	Failure Mode Effect Analysis (FMEA)			
Total Fee (INR)				11505
20% Discount (only for participants opting all four modules)				2301
Total Fee (INR) after Discount)				9204

Target Audience:

- Engineers/Managers/Executives from any functions, preferably having an Engineering/Science or Commerce background with basic knowledge of Microsoft Excel.

Training mode:

- Virtual live sessions through Cisco WebEx

Methodology:

- The program would be conducted through lectures, case studies/discussions, and exercises.

IT requirements:

- Individual laptop/desktop with internet, webcam, and headphones with microphone.



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Online test schedule:

Online test on Module No.	Date	Start time	Weightage for certification
1	13-12-2021	3:00 PM	20%
2	20-12-2021	3:00 PM	
3	27-12-2021	3:00 PM	
4	03-01-2022	3:00 PM	
One test covering all modules	10-01-2022	3:00 PM	80%

Certification criteria:

- Participants scoring a total of 75% marks in the online tests will be certified as Six Sigma Green Belt.

Online test mode:

- All tests will be administered through Cisco WebEx
- Participants can take the tests only from a laptop/desktop (because test interface will not work on a mobile device)

Speaker: Mr. Y R Prasad

- About 41 years of training and consulting experience in Productivity and Industrial Engineering Techniques.
- Last 19 years has been in training and implementation of Six Sigma essentially in Manufacturing Industry.
- Trained Green Belts and Black belts.
- Implemented Six Sigma in organizations such as BHEL, JSW Steel, IFB Industries apart from taking up specific process improvement projects in NTPC, Posh Chemicals etc.



Registration link:

https://www.npcindia.gov.in/NPC/User/webinar_registration?course_select_id=MTU3NA==

For more details, please contact:

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