



(Northern Region)

**Six sigma GREEN BELT – Level 1 using Non-Statistical approach
Webinar Certification Session
18th to 28th November 2020**

10 Webinar sessions which will teach you step by step approach to run Six sigma projects using Non-statistical approach in Manufacturing Companies.

- In the present-day scenario, we need to develop problem solving and continuous improvement experts in the Organizations to compete at a Global level and to meet the demands of the customers in-terms of Quality, Cost and Efficiency
- These experts should have the skill of identifying the opportunities for Improvement and executing the improvements in a structured manner.
- This program is designed to develop the skills required in tools and techniques used for deploying Six sigma in a Non-statistical way in the Organization



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Key highlights on the methodology followed in the program

- 10 Session Webinar where Prescriptive tools and techniques will be taught
- All the tools will be taught using case studies from Manufacturing Organizations
- Quiz at the end of Each session using on-line portal to check the understanding level of the tool taught during the session
- Final Quiz based on which Certification will be done
- Focused 150-180-minute Webinar sessions
- All session training materials will be shared before the program
- Six sigma Handbook will be provided for easy application of tools

Key Benefits that will be achieved through the program

- Return on Investment
- Creating an internal team of Problem solving experts
- Make Mangers job easy in Daily operations management rather than spend time in “Fire fighting”
- Strengthens the Quality pillar for Organizations who have implemented TPM practices



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Session Details

Session	Content	Day	Time
1	Overview of Non-statistical DMAIC Process	Nov.. 18 th	10:00-13:00
	Selection of Projects		
	Classification of Projects		
	Identification of Team, baseline and target		
2	Measure Phase	Nov.. 19 th	10:00-13:00
	Identification of SSV's		
	Tool # 1 – ISO Plot		
	Tool # 2 – Attribute Agreement Analysis (AAA)		
3	Analyse Phase	Nov.. 20 th	10:00-13:00
	Tool # 3 – Paired Comparison		
4	Analysis Phase	Nov.. 21 st	10:00-13:00
	Tool # 4 – Product/Process Search		
	Tool # 5 – Regression Analysis		
	Tool # 6– Component Search		
5	Analysis Phase	Nov.. 23 rd	10:00-13:00
	Tool # 7 – Multi-vari analysis		
	Tool # 8 – Monte-Carlo simulation		



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Session	Content	Day	Time
6	Analysis Phase	Nov. 24 th	10:00-13:00
	Tool # 9 – Variable Search		
7	Analysis Phase	Nov. 25 th	10:00-13:00
	Tool # 10 – Factorial Analysis and Finding Optimal setting		
8	Improve Phase	Nov. 26 th	10:00-13:00
	Tool # 11 – B vs C		
9	Control Phase	Nov. 27 th	14:00-17:00
	Tool # 12 – Variation Analysis		
10	Final Quiz and Certification	Nov. 28 th	10:00-13:00



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Team Composition

Role	Positions
Team Leader	Line in charge or Module head from Production
Team members	Quality Engineer Quality Manager Manufacturing Process Engineer Maintenance Engineer