



LEAN SIX SIGMA BLACK BELT CERTIFICATION COURSE

OFFERED BY RECOGNISED TRAINING PROVIDER (RTP)
NVT QUALITY CERTIFICATION PVT. LTD., INDIA
(NVT QUALITY CERTIFICATION INTERNATIONAL, USA)





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Course Contents

- History of Six Sigma and lean improvement methodology
- Define Phase: DMAIC, VOC to CTQ, COPQ, Yield, Project Charter, Stakeholder Analysis, Pareto Analysis, Elements of Waste, QFD
- Measure Phase: Cause & Effect Analysis, SIPOC, FMEA, Measurement System Analysis, Value Stream Mapping
- Analyze Phase : Overview, Minitab, Hypothesis testing, DOE
- Improve Phase : Overview, Correlation, Regression, DoE, ANOVA
- Control Phase: Overview, Mistake Proofing, SPC, Control Plan, Training, Dash Board
- Practice Projects
- Written Examination,

Course Objectives

- To understand Six Sigma & DMAIC methodology, tools & techniques, and Lean components
- To understand the concepts such as VOC, VOB & VOP and other advanced tools
- To clearly understand the effective use of tools in six sigma projects implementation
- To understand roles & responsibilities in successful deployment of Lean & six sigma projects
- To enhance the skills and proficiency of the six sigma practitioners to train and guide juniors

Duration

96 hours



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Advantages

- **Global Recognition** - A job profile having Six Sigma certification is valued by business organizations all over the world.
- **Uplift Career** - Having a Six Sigma certification multiplies their job profile, and helps them be recognized and hired for an excellent job.
- **Ensure Compliance:** Business organizations want certified professionals who can improve the workflow and give productive outcomes. With the knowledge of Six Sigma rules and techniques, one can ensure the betterment of the company.
- **Higher Salary:** The salary of a Six Sigma professional is among the highest-paid professionals globally because company knows that Six Sigma professionals are very likely to make a positive impact on their revenue.

NVT QC AT A GLANCE

Over 25 Years experience

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Accredited by NABCB, India and ANAB, USA for certification of Quality management system of organizations.

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Recognized by EXEMPLAR GLOBAL as a training provider

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Presence in India, South East Asia, Middle East, Africa, Europe and USA

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Proven Leadership in certification and training programs

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Over 10000 + audits in AQMS, QMS, EMS, ISMS, OHSAS, EnMS and IMS



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