



PerfEx Consulting

Performance Excellence

Through People

SIX SIGMA GREEN BELT COURSE

COURSE OVERVIEW

- ☐ What is Six Sigma
- ☐ Various Sigma Levels within Six Sigma
- ☐ Definition of a Process
- ☐ Benefits of Six Sigma
- ☐ Brief History of Six Sigma
- ☐ Role of the Green Belt
- ☐ An overview of the Project team structure
- ☐ Brainstorming & Fishbone (Ishikawa) Diagrams
- ☐ SIPOC Analysis
- ☐ Statistical & Data Collection Tools
- ☐ Design of Experiment
- ☐ An overview of the Define Phase
- ☐ Voice of the Customer (VOC)
- ☐ Project Charter
- ☐ Kano Analysis
- ☐ Critical to Quality (CTQ)
- ☐ Quality Function Deployment (QFD)
- ☐ An overview of Six Sigma implementation
- ☐ Different phases of DMAIC
- ☐ Insight into DMADV
- ☐ Similarities & differences between DMAIC & DMADV



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- ☐ An overview of the Measure Phase
- ☐ Different Types of Data
- ☐ Data Collection Plan
- ☐ CTQ to Key Performance Indicators (KPIs)
- ☐ Process Capability
- ☐ Pareto Charts
- ☐ An overview of the Measure Phase
- ☐ Different Types of Data
- ☐ Data Collection Plan
- ☐ CTQ to Key Performance Indicators (KPIs)
- ☐ Process Capability
- ☐ Pareto Charts

- ☐ An overview of the Improve Phase
- ☐ Assumption Busting & SCAMPER Technique
- ☐ Prioritisation Matrix
- ☐ Error Proofing (Poka-Yoke)
- ☐ Kan Ban & Visual Management
- ☐ Action Planning & PDCA
- ☐ An overview of the Control Phase
- ☐ Process Control Plan
- ☐ Standardised Work
- ☐ Statistical Process Control
- ☐ Action Plan Closure
- ☐ Project Reporting



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- ☐ Importance of the Project Team Structure
- ☐ Support of Top Management
- ☐ Importance of Communication
- ☐ Phases of Building a Team
- ☐ Importance of Good Project Manager
- ☐ Acronyms in Six Sigma
- ☐ Key terms used in Six Sigma