



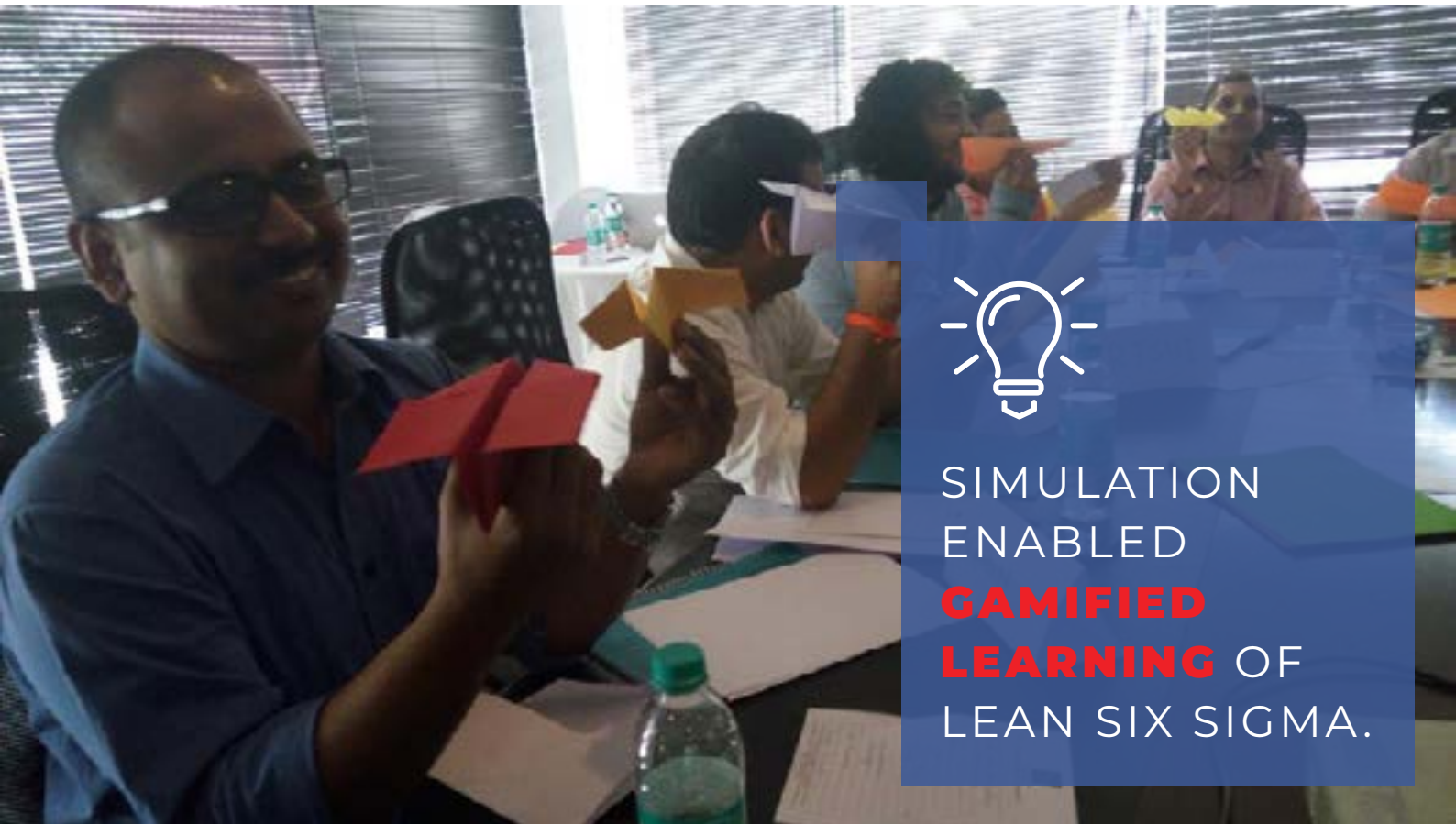
LEAN SIX SIGMA/ SIX SIGMA BLACK BELT

EMPOWERING
PROFESSIONALS
TO **FAST TRACK**
THEIR **CAREER**



LEAN6SIGMAPRO

WWW.LEAN6SIGMAPRO.COM



SIMULATION
ENABLED
GAMIFIED
LEARNING OF
LEAN SIX SIGMA.

ALL OUR LEAN SIX SIGMA COURSES **ALIGNED TO**

✓ **ASQ** ✓ **IASSC** ✓ **TÜV SÜD** ✓ **EXEMPLAR GLOBAL** ✓ **ISO**



**BLACK
BELT**



**GREEN
BELT**



**YELLOW
BELT**

7 QC

FMEA

LEADING CERTIFICATION BODIES OF LEAN SIX SIGMA

AGENDA

#	TITLE	PAGE
I.	Company Overview	04
II.	Why Choose Lean6SigmaPro	05
III.	Our List of Training	06
IV.	Fourteen Exclusive Offers	07
V.	Others Vs. Lean6SigmaPro	08
VI.	Value Add For You	10
VII.	Course Program	11
VIII.	Course Information	21
IX.	Training Commercials	24

COMPANY OVERVIEW

ABOUT US

Lean6SigmaPro (unit of XergY pronounced as X-ERGY) is a Bengaluru based startup, one-stop solution for all your Lean Six Sigma requirements & beyond. XergY is into developing Innovative Technological Solutions for most complex problem, Consulting, Training, Certification, Mentoring & Placement.

Lean6SigmaPro's Training & Certification help professionals acquire the best knowledge in Lean Six Sigma. A course designed to help participants acquire certification from the top three International recognised certifications bodies **EXEMPLAR GLOBAL** (a member of ASQ family), Technischer Überwachungsverein (English translation: Technical Inspection Association) South Asia (**TÜV SÜD**), The American Society for Quality (**ASQ**), **ISO** & The International Association for Six Sigma Certification (**IASSC**).

Lean6SigmaPro's Consulting vertical assist organizations to **build robust processes, strengthen the quality, enhance customer satisfaction**, deliver within shorter lead-times, and reduce operating cost to positively impact profit margins, resulting in **Accelerated growth** of an organization Accurately. XergY is highly enthusiastic to enable industries like Food processing & Healthcare embraces Lean Six Sigma principles to enhance their performance levels.

OUR VISION

- To solve complex problems



**“OUR MISSION IS TO
HELP PROFESSIONALS &
ORGANIZATIONS EMBRACE
LEAN SIX SIGMA.”**

WHY CHOOSE LEAN6SIGMAPRO

1000+
Trained & Certified

Over 1000 Professionals
trained & certified

250+
World Class Projects

Experience of 250+
World class LSS Projects

10+
Exclusive Offers

Ten plus irresistible offers
to help you learn better



23 MM+
Revenue Generation
Experience of \$23 MM+
Revenue generation

14+
Industries Touch Points
Experience of executing
LSS in 14+ industries

OUR LIST OF TRAINING



7 QUALITY CONTROL



FAILURE MODE & EFFECT ANALYSIS



LEAN MANAGEMENT



SS/LSS YELLOW BELT



SS/LSS GREEN BELT



SS/LSS BLACK BELT



SS/LSS CONSULTANT

SS: Six Sigma, **LSS:** Lean Six Sigma

FOURTEEN EXCLUSIVE OFFERS

Learn From
Highly Paid
Consultants



Learn to
Succeed



Learn Lean
&
Six Sigma
Separately



Eight Plus
Hours of
Minitab
Practice



Certification
Guaranteed



Real Life
Challenging
Projects



Simulation
Enabled
Training



Industry
Specific
Training



Post
Certification
Assistance



100%
Placement
Assistance



Scholarship
on Your
Projects



Opportunity
to Earn Your
Fee Back



Attend Free
Refresher
Training



Pay
Difference
for Higher
Certifications



OTHERS VS. LEAN6SIGMAPRO

Features	Others	Lean6SigmaPro
Trainers Consulting Experience	Trainers with Black Belt or Master Black Belt little or no Lean Six Sigma Consulting Experience	Trainers with Master Black Belt certification and 16+ years of Lean Six Sigma consulting experience having delivered 200+ projects, and trained Fortune 50 companies and trained 2000+ professionals
Course Curriculum	Minimum Syllabus & no focus on Practical implementation	Exhaustive & Practically oriented Syllabus designed to help you drive projects and succeed in your corporate career
Project Driven Experiential Learning	Theory class with not much focus and exposure to Project & Practical Learning	The Course is designed with Project Driven Experiential Learning, to enable every participant with an experience of driving projects with the help of a case study.
Lean & Six Sigma	Very few elements of Lean are pushed into Six Sigma to call the course as Lean Six Sigma	Teach Lean & Six Sigma separately to help you master both the concepts
Concepts of DMADV & DFSS	Training is based on only DMAIC methodology few or no elements of DMADV methodology is covered.	Complete Along with detailed DMAIC methodology, all the critical elements of DMADV are covered, with DMADV case studies.
Minitab Practice	Nil or less than 4 hours of Minitab Practice during the training	30-80 hours of Minitab Practice with 50-100 Exercises with 200-500 real-life data columns to help participants to master the Minitab Concepts
Certification Recognition	Institute specific certificate or Internationally recognized Certification	Internationally Recognized Certification from TUV SUD or Exemplar Global. Support for ASQ and IASSC Certification.
Certification Guarantee	Not Guaranteed especially for Internationally recognized certifications	100% Guaranteed internationally recognized Certification

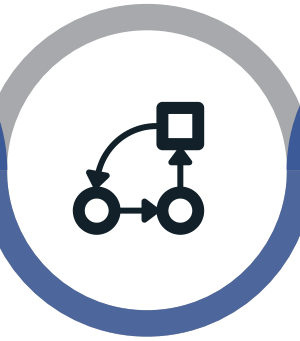
Features	Others	Lean6SigmaPro
Training Methodology	Learnt using mostly theory classes.	Learning is by fun using Games, Simulations & Practice sessions
Project for Qualifying	Either no project or a Simulation Project for project completion	Real-Life project to help you get the real-time experience of driving projects
Industry-Specific Training	Mostly two or three Industry-specific examples covered	Examples across ten industries covered
Classroom Strength	Mostly crowded with no individual focus	Limited seats with individual focus
Post-certification Support	Minimum (Skype/Phone call) or no Support	100% Support via phone/skype/face to face. 60+ Templates to help you execute the projects
Placement Assistance	Little or No Placement Assistance	Dedicated Student portal & WhatsApp group to communicate Job/Projects/Consulting Opportunities
Scholarship on Your Projects	No Scholarship for projects done at your companies	Scholarship on your projects done at your respective company
Opportunity to Earn Your Fee Back	No opportunity to earn fee back	Opportunity to earn your fee back

VALUE ADD FOR YOU



STRONG FOUNDATION

Our Simulation & Gamified course material coupled with trainers with rich consulting experience would help you lay a strong foundation for your Lean Six Sigma Journey.



USE OF CONCEPTS

Our experts would help you to start using the Lean Six Sigma concepts at your workplace which would make you proficient with the concepts & use of statistical softwares.



DRIVE PROJECTS

A Black Belt / Master Black Belt from your respective industry helps you identify a projects in your respective area of work and handhold you in driving projects.



MENTORSHIP

A successful consultant from your respective area would mentor you in LSS to help you achieve your **Goal & Accelerate** your career **Accurately**.



COURSE PROGRAM

BLACK BELT

The Black Belt is an expert statistical analyst and project leader. He is a critical member of Six Sigma Programs in any organization. We intend to prepare you for this crucial role. When you complete this course, you will be ready to lead high-impact projects to successful completion. The course is one of its kind and curated by five Lean Six Sigma consultants with a cumulative experience of over 80 years and over 500 completed projects.

It includes,

- 20 hours of simulation-enabled Lean training
- 120 hours of project-enabled experiential learning of Six Sigma
- Approximately 40 hours of project assistance
- Instruction in statistics for a deeper understanding of data interpretation
- The course prepares you for high paying Lean Six Sigma consulting assignments across various industries worldwide.

Mastery in Six Sigma:

The course is an optimal blend of theory, exercises, quizzes, toolsets, real-life industry-specific examples, and practical work. It ensures that you gain supreme command over Lean Six Sigma

Execute a Real-Time Project:

Lean Six Sigma is all about driving high impact projects.

Our curriculum offers you industry-specific projects, executed through simulation-enabled experiential training. This approach prepares you to handle real-life projects. We also have a compulsory project execution at the end of the course. This approach primes you for the practical application of Lean Six Sigma in your career.

Master Minitab Software:

Master the Minitab and be ready to solve complex problems across industries. The course includes,

- Over 80 hours of Minitab practice
- Over 100 exercises
- 500+ real-life data points

Leadership & Change Management:

Lean Six Sigma Black Belts need to be adept at Leadership and Change Management. We offer dedicated training in Project Management, Change Management, Leadership, and Teaming. With these, you acquire the competence to drive projects and be agents for change at your organization. We help you with internationally recognized certification from TÜV SÜD. However, the course design enables you to pass any certification exam like the ASQ.

LEAN MANAGEMENT

- 1.0 Introduction to Lean**
- 2.0 What is Lean & Application of Lean**
- 3.0 6S Before Lean (Simulation to Understand)**
- 4.0 Types of Waste (Videos & Simulation to Understand)**
 - 4.1 Different Types of Wastes
 - 4.2 Causes of Waste
 - 4.3 Remedies of Waste
- 5.0 Lean Principles Introduction**
 - 5.1 Identify Customers & Specify Value
 - 5.2 Value Stream Mapping
 - 5.3 Create Flow
 - 5.4 Respond to Pull
 - 5.5 Pursuit Perfection
- 6.0 Identify Customers & Specify Value**
 - 6.1 Customer – Internal & External
 - 6.2 Value Added & Non-Value Added (Simulation to Understand)
- 7.0 Create Value Stream Mapping (VSM) (Simulation to Understand)**
 - 7.1 Terminologies (CT, FTY, RTY, CO, TPT, WIP, WIQ)
 - 7.2 Process Efficiency
 - 7.3 Customer Takt time
 - 7.4 Create VSM(Simulation to Understand)
 - 7.5 Process Efficiency
- 8.0 Create Value Stream Design (VSD) (Simulation to Understand)**
- 9.0 Create Flow & Respond to Pull (Simulation to Understand)**
 - 9.1 Single Piece Flow (Simulation to Understand)
 - 9.2 Single Minute of Exchange of Dies (Simulation to Understand)
 - 9.3 Line Balancing (Simulation to Understand)
 - 9.4 Kanban (Pull Production) (Simulation to Understand)
 - 9.5 Heijunka (Production Levelling) (Simulation to Understand)
 - 9.6 Just In Time(Simulation to Understand)
- 10.0 Additional Lean Tools**
 - 10.1 Spaghetti Diagram
 - 10.2 Circle Diagram
 - 10.3 Total Productive Maintenance
 - 10.4 Andon & Visual Management
 - 10.5 Visual Factory
 - 10.6 Gemba
 - 10.7 Hoshin Kanri (Policy Deployment)
 - 10.8 PDCA (Plan Do Check Act)
 - 10.9 Poka-Yoke (Mistake Proofing) (Simulation to Understand)
 - 10.10 Root Cause Analysis
 - 10.11 Standardized Work (Simulation to Understand)
 - 10.12 Theory of Constraints (Introduction)





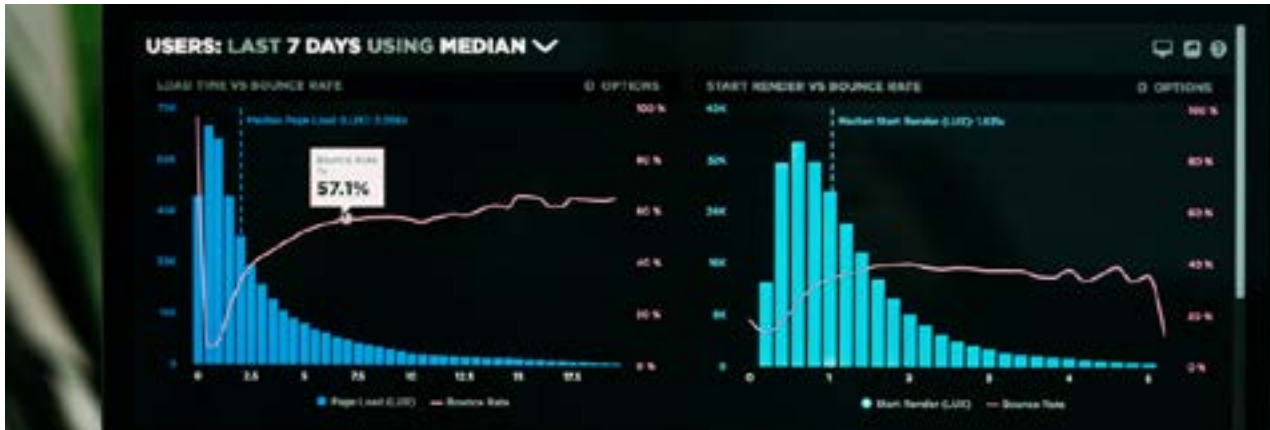
SIX SIGMA

INTRODUCTION

- | | | | |
|------------|---|-------------|---|
| 1.0 | Introduction to Quality | 7.5 | Leading & Lagging Indicators |
| 2.0 | Quality Leaders
(Juran, Deming, Shewhart, Ishikawa)
(Videos to Understand) | 7.6 | Create Line of Sight |
| 3.0 | Cost of Quality (COQ) | 8.0 | Key Business Drivers & their Impact |
| 4.0 | Cost of Poor Quality (COPQ)
(Videos to Understand) | 8.1 | Profit/Margin (Practice to Understand) |
| 5.0 | Optimum Quality Levels | 8.2 | Market Share |
| 6.0 | Failure Mode & Effect Analysis (FMEA) | 8.3 | Net Present Value (NPV) |
| 6.1 | Create Process FMEA
(Simulation to Understand) | 8.4 | Cost Benefit Analysis (CBA) |
| 6.2 | Create Design FMEA | 8.5 | Hard & Soft Benefits
(Practice to Understand) |
| 7.0 | Key Performance Measures | 8.6 | Cost avoidance & Cost reduction
(Practice to Understand) |
| 7.1 | Key Performance Indicators | 9.0 | Organisation Goals & Six Sigma |
| 7.2 | Customer Satisfaction | 10.0 | Balanced Score Card & Six Sigma |
| 7.3 | Product Differentiation | 11.0 | History & Evolution of Six Sigma |
| 7.4 | Customer Loyalty Metrics | 12.0 | Continuous Improvement |
| | | 13.0 | Basics of Six Sigma
(Simulation to Understand) |

- 14.0 Six Sigma Applications**
- 15.0 Types of Six Sigma Projects**
 - 15.1 DMAIC
 - 15.2 DFSS (DMADV/IDOV)
- 16.0 Organization Road Blocks**
 - 16.1 Organisation Structure & Culture
 - 16.2 Common Causes of Six Sigma Failures
 - 16.3 Stakeholder Analysis (Six Sigma Impact)
- 17.0 Change Management (Simulation & Videos to Understand)**
 - 17.1 Basics of Change Management
 - 17.2 Readiness Assessment
 - 17.3 Communication Plans to Overcome Barriers
- 18.0 Strategic Planning & Deployment**
 - 18.1 Importance of Lean Six Sigma
 - 18.2 Hoshin Kanri (Policy Deployment) (Practice to Understand)
 - 18.3 SWOT Analysis (Practice to Understand)
 - 18.4 PEST
 - 18.5 Business Contingency Planning
- 19.0 Team Management (Simulation & Videos to Understand)**
 - 19.1 Team Types & Constraints
 - 19.2 Team Roles & Responsibilities
 - 19.3 Team Member Selection Criteria
 - 19.4 Team Success Factors
- 20.0 Project Team Dynamics (Simulation to Understand)**
 - 20.1 Forming
 - 20.2 Storming
 - 20.3 Norming
 - 20.4 Performing
 - 20.5 Team Communication
- 21.0 Team Facilitation**
 - 21.1 Motivational Technique
 - 21.2 Team Stages & Development
 - 21.3 Team Communication
 - 21.4 Team Leadership & Models
- 22.0 Team Dynamics (Simulation & Videos to Understand)**
 - 22.1 Group Behaviour
 - 22.2 Meeting Management
 - 22.3 Team Decision Making Methods
- 23.0 Team Training (Simulation to Understand)**
 - 23.1 Need Assessment
 - 23.2 Delivery
 - 23.3 Evaluation





DEFINE

1.0 Voice of Customer & Business (Simulation to Understand)

- 1.1 Collect Customer & Business Voices
- 1.2 Eliminate Vagueness & Ambiguity
- 1.3 VOC Clarity Table

2.0 Kano Model (Practice to Understand)

3.0 Benchmarking

- 3.1 Competitive
- 3.2 Collaborative
- 3.3 Best Practices

4.0 Customer Requirements to Process Requirements

- 4.1 Critical to X
(X-Quality, Cost, Safety or any other)
- 4.2 CTQ Drill Down
- 4.3 Quality Function Deployment
(Practice to Understand)

5.0 Project Section & Prioritisation (Practice to Understand)

6.0 Process Owners & Stakeholder Analysis

7.0 Project Charter (Practice to Understand)

- 7.1 Business Case
- 7.2 Problem Statement
- 7.3 Project Goal Statement
- 7.4 Project Team
- 7.5 Project Timeline
- 7.6 Project Scope
- 7.7 Expected Benefits

8.0 Financial Evaluation & Business Case

9.0 Develop Project Metrics

10.0 Project Short & Long Terms Gain (Practice to Understand)

11.0 Project Risk Analysis

12.0 Six Sigma Project Types

13.0 Project Roles & Responsibilities

- 13.1 Roles of Executive Leadership
- 13.2 Roles of Champion
- 13.3 Roles of Sponsor
- 13.4 Roles of Master Black Belt
- 13.5 Roles of Black Belt
- 13.6 Roles of Green Belt & Team

14.0 Project Management & Analytical tools

- 14.1 Gantt charts
- 14.2 Work Breakdown Structure
- 14.3 Critical Path Method (CPM)
(Simulation to Understand)
- 14.4 Project Evaluation & Review Technique
- 14.5 RACI model
- 14.6 Activity Network Diagram
- 14.7 Tree Diagram
- 14.8 Matrix Diagram

15.0 Project Scope

16.0 SIPOC & Process Mapping (Simulation to Understand)

17.0 Project Performance Measurement

- 17.1 Define Performance Measurement
- 17.2 Process Critical Elements
- 17.3 Key Outputs

18.0 Project Tool Gate Review

MEASURE

1.0 Process Analysis & Documentation

- 1.1 Process Flow Charts
- 1.2 Work Instructions & Gap Analysis

2.0 Types of Data & Measurement Scale (Practice to Understand)

- 2.1 Continuous (Variable) Data
- 2.2 Discrete (Attribute) Data
- 2.3 Nominal Data
- 2.4 Ordinal Data
- 2.5 Interval Measurement
- 2.6 Ratio Measurement

3.0 Population & Sampling

- 3.1 Basics of Sampling
- 3.2 Calculate Sample size
(Practice to Understand)

4.0 Type of Samples (Simulation to Understand)

- 4.1 Random Sample
- 4.2 Systematic Sample

- 4.3 Stratified Sample

5.0 Basics of Statistics (Simulation to Understand)

- 5.1 Central Tendency
- 5.2 Dispersion
- 5.3 Proportion

6.0 Introduction to Statistical Software (Minitab)

- 6.1 Minitab Practice
- 6.2 Descriptive Statistics
- 6.3 Inferential Statistics

7.0 Probability

- 7.1 Basic Concepts
- 7.2 Independence Events
- 7.3 Mutually Exclusive Events
- 7.4 Addition & Multiplication Rules
- 7.5 Complimentary Probability
- 7.6 Occurrence of events





8.0 Statistical Distributions (Practice to Understand)

- 8.1 Normal
- 8.2 Binominal
- 8.3 Poisson
- 8.4 Chi-Square
- 8.5 Student's T
- 8.6 F distribution
- 8.7 Hypergeometric
- 8.8 Bivariate
- 8.9 Exponential
- 8.10 Lognormal
- 8.11 Weibull

9.0 Probability of Distributions (Practice to Understand)

- 9.1 Frequency Distribution
- 9.2 Cumulative Frequency Distribution
- 9.3 Inverse Cumulative Frequency Distribution

10.0 Central Limit Theorem (Simulation to Understand)

11.0 Measurement & Data Collection

- 11.1 What is Measurement
- 11.2 Operation Definition

12.0 Data Collection Plan (Simulation to Understand)

- 12.1 Check Sheets
- 12.2 Data Coding
- 12.3 Data Cleaning
- 12.4 Data Collection Pitfalls
- 12.5 Avoid Data Collection Pitfalls
- 12.6 Seasonality Effect on Data
- 12.7 Data Collectors Training

13.0 Graphical Analysis (Practice to Understand)

- 13.1 Pareto
- 13.2 Scatter Plot
- 13.3 Box Plot
- 13.4 Histogram
- 13.5 Stem & Leaf Plots
- 13.6 Time Series Plot
- 13.7 Run Chart
- 13.8 Normality (using Minitab)
- 13.9 Graphical Summary

14.0 Metrology

- 14.1 Elements of Metrology
- 14.2 Calibration System
- 14.3 Traceability & Reference Standards
- 14.4 Control & Integrity of Standards

15.0 Variations & Measurement System Analysis

- 15.1 Understanding Variations
(Simulation to Understand)
- 15.2 Measurement System Analysis (MSA)
 - 15.2.1 Discrimination
 - 15.2.2 Accuracy
 - 15.2.3 Precision
 - 15.2.4 Stability
- 15.3 GRR for Continuous data
(Simulation to Understand)
- 15.4 GRR for Discrete Data
(Simulation to Understand)
- 15.5 Control Charts & Stability
(Simulation to Understand)

16.0 Measurement Systems to

- 16.1 Sales & Marketing
- 16.2 Engineering
- 16.3 Supply chain & Management
- 16.4 Research & Development
- 16.5 Customer Satisfaction

**17.0 Baseline Process Performance
(Practice to Understand)**

- 17.1 Baseline Discrete Data (DPU, DPO, DPMO)
- 17.2 Baseline Continuous Data
(Cp, Cpk, Pp, Ppk, Cpm)
- 17.3 Sigma Value (Short term & Long term)
- 17.4 Sigma Shift (Short term Vs Long term)

**18.0 Process Capability in Detail
(Practice to Understand)**

- 18.1 Natural Process Limits & Specification Limits
- 18.2 Design & Conducting Process Capability Studies
- 18.3 Specifications, Sampling Plan, Stability & Normality
- 18.4 Capability for Normal & Non-Normal Data
- 18.5 Process Performance (PPM, DPU, DPMO)
- 18.6 Transformations
(Box-Cox & Johnson transformation)
- 18.7 Capability for Discreet Data

ANALYZE**1.0 Identify Potential Causes
(Practice to Understand)**

- 1.1 Brain Storming
- 1.2 Affinity Diagram
- 1.3 Cause & Effect Diagram
- 1.4 Five Whys?

2.0 Process Analysis

- 2.1 Value Stream Mapping (Recap from Lean)

3.0 Data Analysis**4.0 NormalCurve & Normality Test
(Practice to Understand)****5.0 Confidence Interval, Risk & P value****6.0 Hypothesis Testing - Null & Alternate**

- 6.1 Significance of Confidence Level
- 6.2 Significance of Power
- 6.3 Statistical & Practical Significance
- 6.4 Sample Size for Hypothesis Tests
- 6.5 Point & Interval Estimates
- 6.6 Contingency Tables

7.0 Alpha & Beta Risks**(Practice to Understand)**



8.0 Hypothesis with Normal Data

(Practice to Understand)

- 8.1 1 Sample T
- 8.2 2-Sample T
- 8.3 Paired T
- 8.4 One-Way Anova
- 8.5 Test of Variance

9.0 Hypothesis with Non- Normal Data

(Practice to Understand)

- 9.1 1 Sample Sign
- 9.2 1 Sample Wilcoxon
- 9.3 Mann – Whitney
- 9.4 Kruskal- Wallis
- 9.5 Mood's Median

10.0 Hypothesis with Discrete Data

(Practice to Understand)

- 10.1 1 Proportion
- 10.2 2 Proportions
- 10.3 Chi-Square

11.0 Multi Vari Chart (Practice to Understand)

12.0 Correlation & its Terminologies

(Practice to Understand)

13.0 Correlation & Causation

(Practice to Understand)

14.0 Regression Analysis

(Practice to Understand)

15.0 Linear & Non-Linear Regression

(Practice to Understand)

16.0 Simple & Multi-Linear Regression

(Practice to Understand)

17.0 Residual Analysis (Practice to Understand)

18.0 Multivariate Tools

(Practice to Understand)

- 18.1 Factor Analysis
- 18.2 Item Analysis
- 18.3 Discriminant Analysis
- 18.4 Simple & Multiple Correspondence Analysis

19.0 Design of Experiments

(Practice to Understand)

- 19.1 Need for DOE

20.0 Terminologies

- 20.1 Factors, Levels, Response, Treatment
- 20.2 Blocks, Randomisation, Effects & Replication
- 20.3 DOE Plots: Main Effect & Interaction Plots
- 20.4 Confounding

21.0 DOE Designs

- 21.1 Full Factorial Experiments
(Practice to Understand)

22.0 Fractional Factorial

(Practice to Understand)

23.0 Latin Square Designs

24.0 Balanced & Orthogonal Arrays

25.0 Taguchi's Design

26.0 Confounding

IMPROVE

1.0 Generate & Evaluate Ideas (Simulations to Understand)

- 1.1 Brain Storming
- 1.2 SCAMPER
- 1.3 Six Thinking Hats
- 1.4 Benchmarking
- 1.5 doHow
- 1.6 Lean Solutions
- 1.7 TRIZ (Introduction)

2.0 Selecting Best Solution (Practice to Understand)

- 2.1 Multi-Voting
- 2.2 Pay-off Matrix
- 2.3 Criteria Matrix

3.0 Error Proofing

- 3.1 Prevention & Detection
- 3.2 Mistake Proofing & Examples

4.0 Assess Risk FMEA (Recap)

5.0 Piloting & Implementation

- 5.1 Pilot Solutions
- 5.2 Pilot Location
- 5.3 Pilot Success Criteria

6.0 Implementation

- 6.1 Plan for implementation
- 6.2 Stakeholder Analysis
- 6.3 Communication Plan
- 6.4 Implementation

CONTROL

1.0 What is Process Control?

2.0 Different Types of Process controls

3.0 Response Plan & Reaction Plan

4.0 Statistical Process Control (Practice to Understand)

- 4.1 Monitoring, Controlling of Process Performance
- 4.2 Identify & Select Critical Process Parameters
- 4.3 Subgrouping & Rational Subgrouping
- 4.4 SPC- Continuous Data (I-MR, Xbar R, X bar S)
- 4.5 SPC – Discrete Data (C,U,P,NP charts)

5.0 Analyse Control Charts

6.0 Control Plan

7.0 Visual Control

8.0 Sustain Improvements

- 8.1 Lesson Learnt
- 8.2 Documentation
- 8.3 Trainings
- 8.4 Ongoing Evaluation

9.0 Benefit Computation

10.0 Project Closure

11.0 Celebration

DFSS

1.0 Common DFSS/DMADV Methodologies

- 1.1 Define
- 1.2 Measure
- 1.3 Analyze
- 1.4 Design
- 1.5 Validate

2.0 Design for X (DFX)

- 2.1 Design Constraints
- 2.2 Design Cost

- 2.3 Design for Manufacturability
- 2.4 Design for Test
- 2.5 Design for Maintainability

3.0 Robust Design

- 3.1 Robust Product Design
- 3.2 Tolerance for Design
- 3.3 Statistical Tolerancing
- 3.4 Robust Process Design

COURSE INFORMATION

DURATION

Class Room Training: 14 Days – 140 Hours + 40 Hours of Project Guidance

Online Training: 28 days - 140 Hours

OBJECTIVE

To enable participants with the necessary knowledge, methodologies & skills required to drive & mentor DMAIC Lean Six Sigma Black Belt projects in their respective industry.

WHO SHOULD ATTEND ?

- Professionals with 4+ years of experience.
- Any Professionals thoughtful to accelerate their corporate career.
- Anyone who wants to consider Lean Six Sigma their career.
- Certified Black Belts looking to equip them to be able to drive projects.
- Professionals seeking Lean Six Sigma knowledge rather than just certification.

PROJECT ASSISTANCE

Free Assistance from an expert from your respective discipline.

ESSENTIALS

Certified Green Belts with minimum of 1 year as Green Belts or Professionals with 4+ years of Industry experience.

TRAINER'S PROFILE

- Certified Master Black Belt
- 16+ years in the field of Lean Six Sigma
- Full-time Consultant & Passionate Trainer
- Executed/Mentored 200+ Lean Six Sigma Projects
- Trained 2000+ professionals across industries
- Corporate Lean Six Sigma Training for fortune 50 Companies

ALIGNED & CERTIFICATION BY


- **Exemplar Global*** (A member of ASQ family)
- **TÜV SÜD*** (Technischer Überwachungsverein [English translation: Technical Inspection Association] South Asia)
- **ASQ**** (The American Society for Quality)
- **IASSC**** (The International Association for Six Sigma Certification)
*included in the commercials.
**ASQ/IASSC Certification cost is not included in the commercials.

CERTIFICATION PROCEDURE

- Attend 140 hours of instructor led training.
- Successful completion of Black Belt certification exam conducted by TÜV SÜD and Exemplar Global with 60% marks
(at the end of the 10th day).
- Submission of the project (within eight months from the date of completion of the course).

COURSE FEE INCLUDES

- 100% Placement assistance
- Refresher training at no charges
- Sample Question papers with solutions
- Support in executing the project for two year
- Industry-specific Lean Six Sigma case studies
- Lifetime access to Student Portal of Lean6SigmaPro Page
- Minitab Training & 80+ hours of extensive practice
- Examination & Certification Cost (for TÜV SÜD or Exemplar Global)
- Exclusive invite to attend Black Belt project presentations
- Mentorship & Assistance to accelerate your corporate career
- One hundred forty hours of Project Enabled Experiential Learning
- Lunch & refreshment during the training (Only for classroom sessions)
- Pay just the differential amount when you take up Lean Six Sigma Black Belt training in future.



**SIX SIGMA IS
ARGUABLY THE
MOST IMPORTANT
BUSINESS AND
INDUSTRY INITIATIVE
THAT HAS INVOLVED
STATISTICAL THINKING
AND METHODS.**

TRAINING COMMERCIALS

Scope of Work	Lean Six Sigma	Six Sigma
1. Train, Certify & Coach 01 participant as Lean Six Sigma/ Six Sigma Black Belt at Lean6SigmaPro training location.	₹ 72,667	₹ 70,667
2. Support in executing one project for certification & assist additional projects for a period of 24 months		
Price After Discount for Classroom Training (Inclusive of all)	₹ 58,800	₹ 56,800
Price After Discount for Online Training (Inclusive of all)	₹ 44,800	₹ 42,800

Note:

1. Certification is from Exemplar Global (a member of ASQ family) TÜV SÜD South Asia (A globally recognized certifying agency for Lean Six Sigma).
2. Click <https://lean6sigmapro.com/Home/LeanSixSigmaBlackBelt> for training calendar.
3. The number of seats is limited and on first come first serve basis & Registration closes five days prior scheduled start date.
4. ASQ & IASSC certification cost is not part of the commercials however, five mock exams would be provided to help you prepare for the exam.
5. Taxes at actual.

Our Other Trainings	Original Price	Discounted Price (Classroom)	Discounted Price (Online)
7 Quality Control	₹ 8,800	₹ 4,800	₹ 3,900
Failure Mode & Effect Analysis	₹ 8,800	₹ 4,800	₹ 3,900
Lean Management	₹ 11,733	₹ 8,800	₹ 8,800
Lean Six Sigma Green Belt	₹ 33,000	₹ 28,800	₹ 19,800
Six Sigma Green Belt	₹ 31,000	₹ 26,800	₹ 17,800
Lean Six Sigma Yellow Belt	₹ 19,733	₹ 14,800	₹ 11,700
Six Sigma Yellow Belt	₹ 17,066	₹ 12,800	₹ 11,100
Integrated Lean Six Sigma Green Belt + Black Belt	₹ 80,667	₹ 64,800	₹ 49,800
Integrated Six Sigma Green Belt + Black Belt	₹ 78,667	₹ 62,800	₹ 47,800
Lean Six Sigma Consultant Program	₹ 2,20,000	₹ 1,40,000	NA



**WE ARE PART OF
YOUR TEAM IN YOUR
LEAN SIX SIGMA
JOURNEY. LET'S MAKE
IT HAPPEN TOGETHER.**



Join us to
Accelerate
your career
Accurately.

IF IT IS **LEAN SIX SIGMA,**
IT HAS TO BE
Lean6SigmaPro

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