XERGY
Accelerate Accurately

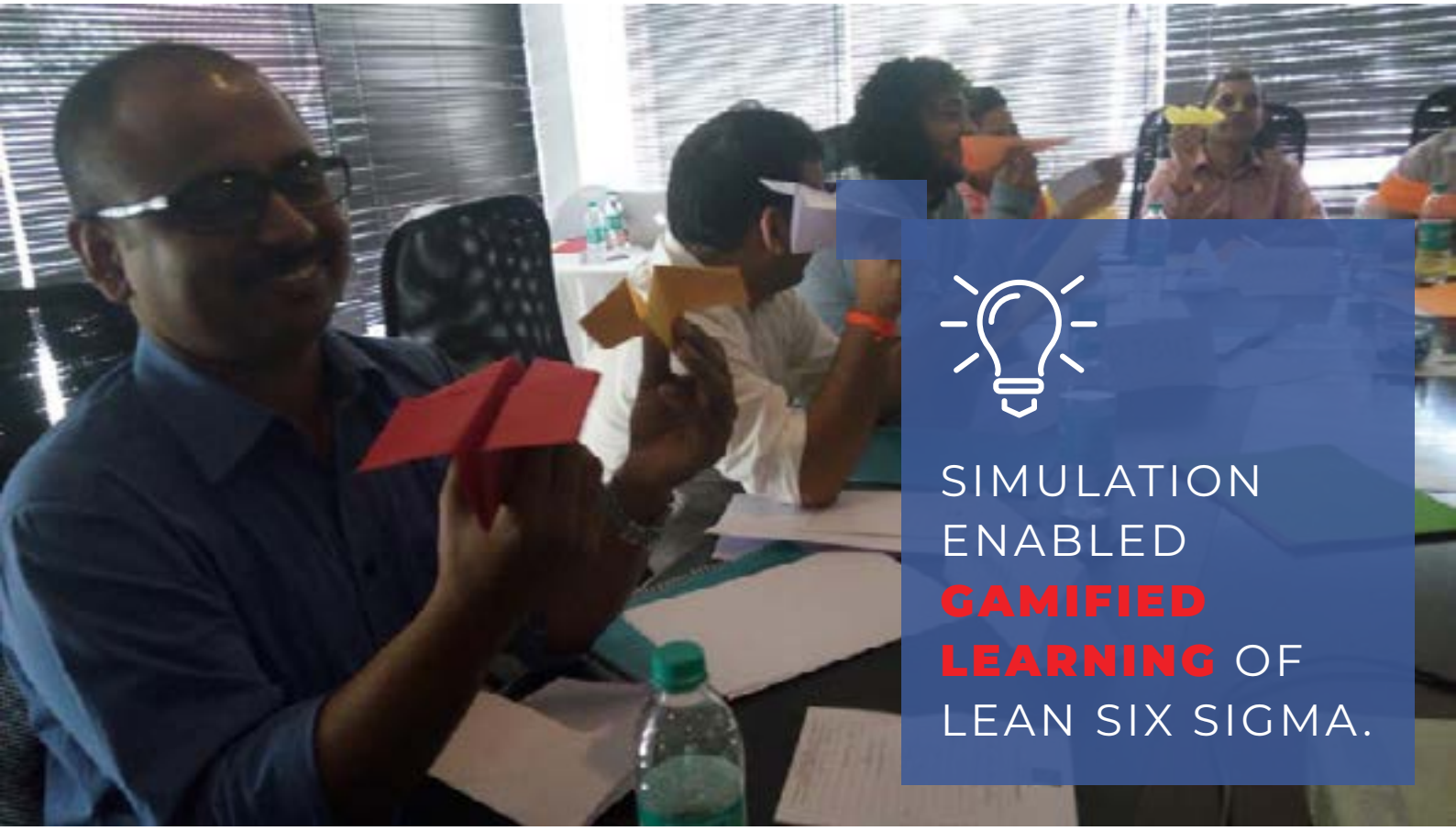
LEAN 6 PRO
ACCELERATE ACCURATELY

LEAN SIX SIGMA/ SIX SIGMA GREEN BELT

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

LEAN6SIGMAPRO

WWW.LEAN6SIGMAPRO.COM



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

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 MISSION IS TO HELP PROFESSIONALS & ORGANIZATIONS EMBRACE LEAN SIX SIGMA."

OUR VISION

- To solve complex problems

WHY CHOOSE LEAN6SIGMAPRO

2000+
Trained & Certified
Over 2000 Professionals trained & certified

200+
World Class Projects
Experience of 200+ World class LSS Projects

10+
Exclusive Offers
Ten plus irresistible offers to help you learn better

22 MM+
Revenue Generation
Experience of $22 MM+ Revenue generation

8+
Industries Touch Points
Experience of executing LSS in 8+ 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

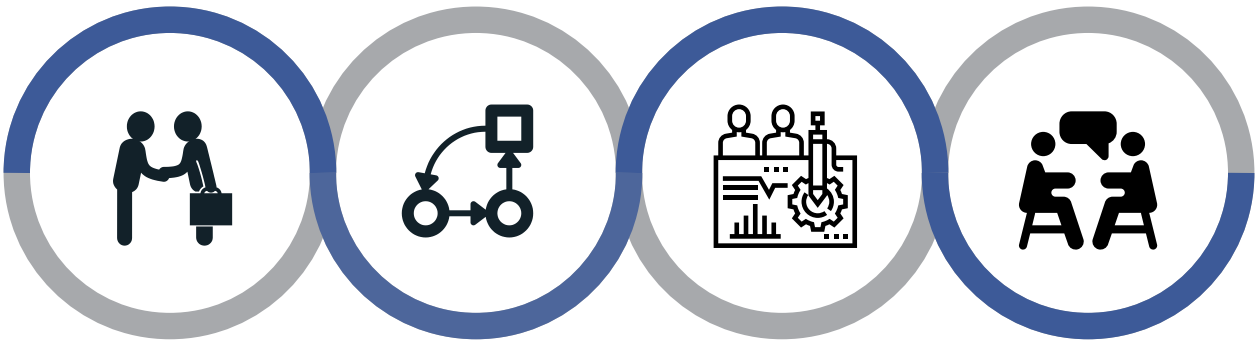
FOURTEEN EXCLUSIVE OFFERS

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	20 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 GREEN BELT

The course includes 20 hours of simulation-enabled Lean training and 60 hours of project-enabled experiential learning in Six Sigma. It gives you in-depth knowledge beyond any certification. It is an ideal training program to master the fundamentals with the experience of executing one or more case studies.

The curriculum is crafted and carefully designed to help you.

Master the Fundamentals & Gain in-Depth knowledge:
The curriculum includes exercises, quizzes, toolsets, and real-life industry-specific examples. These enable you to master the fundamentals and gain an in-depth understanding of Lean Six Sigma.

Prepare You for the Project Execution:
Lean Six Sigma is about driving high impact projects. Our industry-specific project and simulation-enabled experiential training prepare you to transform real-life projects and gain mastery over the subject.

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
2.0 Quality Leaders
(Juran, Deming, Shewhart, Ishikawa)
(Videos to Understand)
3.0 Cost of Quality (COQ)
4.0 Cost of Poor Quality (COPQ)
(Videos to Understand)
5.0 Optimum Quality Levels
6.0 Failure Mode & Effect Analysis (FMEA)
6.1 Create Process FMEA
(Videos to Understand)
6.2 Create Design FMEA
7.0 Key Business Drivers & their Impact
7.1 Profit/Margin (Practice to Understand)
7.2 Market Share
7.3 Customer Satisfaction
7.4 Product Differentiation
7.5 Cost Benefit Analysis (CBA)
7.6 Hard & Soft Benefits
(Practice to Understand)
7.7 Cost avoidance & Cost reduction
(Practice to Understand)
8.0 Organisation Goals & Six Sigma
9.0 Six Sigma & Balanced Score card
10.0 History & Evolution of Six Sigma
11.0 Continuous Improvement
12.0 Basics of Six Sigma
(Simulation to Understand)
13.0 Six Sigma Applications
14.0 Types of Six Sigma Projects
14.1 DMAIC
14.2 DFSS / DMADV / IDOV
15.0 Change Management
(Simulation& Videos to Understand)

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

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
- 7.8 Project Communication

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 Process Owners & Stakeholders

13.0 ProjectRoles & Responsibilities

14.0 ProjectTeam Dynamics
- 14.1 Forming
- 14.2 Storming
- 14.3 Norming
- 14.4 Performing
- 14.5 Adjourning
- 14.6 Group Thinking
- 14.7 Team Communication & Tools

15.0 Project Charter

16.0 Project Management & Analytical Tools
- 16.1 Gantt Charts
- 16.2 Interrelationship Diagram
- 16.3 Process Decision Diagrams
- 16.4 Matrix Diagrams
- 16.5 Critical Path Method (CPM) (Simulation to Understand)
- 16.6 Project Evaluation & Review Technique
- 16.7 RACI model
- 16.8 Activity Network Diagram
- 16.9 Tree Diagram
- 16.10 Project Documentation

17.0 Project Scope

18.0 SIPOC & Process Mapping (Simulation to Understand)

MEASURE

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

2.0 Types of Data & Measurement Scale (Simulation 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 Sample Size

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 Statistical Distributions (Practice to Understand)
- 7.1 Normal
- 7.2 Binominal
- 7.3 Poisson
- 7.4 Chi-Square
- 7.5 Student's T
- 7.6 F distribution

8.0 Basics of Probability (Practice to Understand)
- 8.1 Permutations & Combinations
- 8.2 Frequency Distribution
- 8.3 Cumulative Frequency Distribution
- 8.4 Inverse Cumulative Frequency Distribution

9.0 Central Limit Theorem (Simulation to Understand)

10.0 Measurement & Data Collection
- 10.1 What is Measurement
- 10.2 Operation Definition
- 10.3 Data Collection Plan (Simulations to Understand)

11.0 Graphical Analysis (Practice to Understand)

- 11.1 Pareto
- 11.2 Scatter Plot
- 11.3 Box Plot
- 11.4 Histogram
- 11.5 Stem &Leaf Plots
- 11.6 Time Series Plot
- 11.7 Run Chart
- 11.8 Normality (using Minitab)
- 11.9 Graphical Summary

12.0 Variation & Measurement System Analysis

- 12.1 Understanding Variations (Simulation to Understand)
- 12.2 Measurement System Analysis (MSA)
- 12.3 Discrimination
- 12.4 Accuracy
- 12.5 Precision
- 12.6 Stability
- 12.7 GRR for Continuous Data (Simulation to Understand)
- 12.8 GRR for discrete Data (Simulation to Understand)
- 12.9 Control Charts & Stability (Simulation to Understand)

13.0 Baseline Process Performance (Practice to Understand)

- 13.1 Baseline Discrete Data (DPU, DPO,DPMO)
- 13.2 Baseline Continuous Data (Cp, Cpk, Pp, Ppk, Cpm)
- 13.3 Sigma Value (Short term & Long term)
- 13.4 Sigma Shifts (Short term Vs Long term)

14.0 Process Capability in Detail (Practice to Understand)

- 14.1 Natural Process Limits & Specification Limits
- 14.2 Design & Conducting Process Capability Studies
- 14.3 Specifications, Sampling Plan, Stability & Normality
- 14.4 Capability for Normal Data

ANALYZE

1.0 Identify Potential Causes (Practice to Understand)
- 1.1 BrainStorming
- 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 Normal Curve & Normality Test (Practice to Understand)

5.0 Confidence Interval, Risk, P value

6.0 Hypothesis Testing -Null & Alternate

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

10.0 Hypothesis with Discrete Data (Practice to Understand)
- 10.1 1 Proportion
- 10.2 2Proportions
- 10.3 Chi-Square

11.0 Multi Vari chart (Practice to Understand)

12.0 Correlation & its Terminologies

13.0 Correlation & Causation

14.0 Linear Regression Analysis (Practice to Understand)

15.0 Design of Experiments
- 15.1 Need for DOE
- 15.2 Factors, Levels, Response, Treatment
- 15.3 Blocks, Randomisation, Effects & Replication
- 15.4 DOE Plots: Main Effect & Interaction Plots
- 15.5 Full Factorial Experiment (Practice to Understand)

IMPROVE

1.0 Generate & Evaluate Ideas (Simulations to Understand)
- 1.1 Brain Storming
- 1.2 SCAMPER
- 1.3 Benchmarking
- 1.4 Lean Solutions
- 1.5 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 Failure Mode and Effect Analysis (FMEA)
- 6.1 Process FMEA
- 6.2 Design FMEA

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, X bar R, X bar S)
- 4.5 SPC – Discrete Data (C,U,P,NP charts)

5.0 Control Plan

6.0 Visual Control

7.0 Sustain Improvements
- 7.1 Lesson Learnt
- 7.2 Documentation
- 7.3 Trainings
- 7.4 Ongoing Evaluation

8.0 Benefit Computation

9.0 Project Closure

10.0 Celebration

COURSE INFORMATION

DURATION

Class Room Training: 08 Days - 80 Hours
Online Training: 16 Days - 80 Hours

OBJECTIVE

To enable participants with the necessary knowledge, methodologies & skills required to drive DMAIC Lean Six Sigma Green Belt projects at their respective workplace.

WHO SHOULD ATTEND ?

- Professionals with 0-20years of experience.
- Graduates/postgraduates from any discipline.
- Any professionals looking to accelerate their corporate career.
- Anyone who wants to consider Lean Six Sigma as their career.
- Certified Green Belts looking to equip themselves to drive projects.
- Professionals seeking Lean Six Sigma knowledge rather than just certification.

PROJECT ASSISTANCE

Free assistance from an expert from respective discipline for a period of six months.

ESSENTIALS

Graduates / Post graduates from any discipline.

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 80 hours of training
- Successful completion of Green Belt Certification exam conducted by TÜV & SÜD or Exemplar Global (at the end of the training)

COURSE FEE INCLUDES

- 100% Placement assistance
- Refresher training at no charges
- Sample Question papers with solutions
- 80 of Project enabled experiential training
- Support in executing the project for one year
- Industry-specific Lean Six Sigma case studies
- Lifetime access to Student portal of Lean6SigmaPro Page
- 60+ Templates & real-life datasheets for practice
- One Lean Six Sigma Green Belt Knowledge Book
- Minitab Training & extensive 30+ hours of practice
- Examination & Certification Cost (for TÜV SÜD or Exemplar Global)
- Exclusive invite to attend Green Belt project presentations
- Mentorship & Assistance to accelerate your corporate career
- 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 Green Belt at Lean6SigmaPro training location. 2. Support in executing projects for a period of 06 months.	₹ 33,000	₹ 30,000
Price After Discount for Classroom Training (Inclusive of all)	**₹ 24,800**	**₹ 26,800**
Price After Discount for Online Training (Inclusive of all)	**₹ 19,800**	**₹ 17,800**

Note:

1. Certification is from Exemplar Global (a member of ASQ family) or TÜV SÜD South Asia (A globally recognized certifying agency for Lean Six Sigma).
2. Click https://lean6sigmapro.com/Home/LeanSixSigmaGreenBelt 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	₹ 9,800	₹ 8,800
Lean Six Sigma Yellow Belt	₹ 19,733	₹ 14,800	₹ 11,700
Six Sigma Yellow Belt	₹ 17,066	₹ 12,800	₹ 11,100
Lean Six Sigma Black Belt	₹ 72,667	₹ 58,800	₹ 44,800
Six Sigma Black Belt	₹ 70,667	₹ 56,800	₹ 42,800
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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