



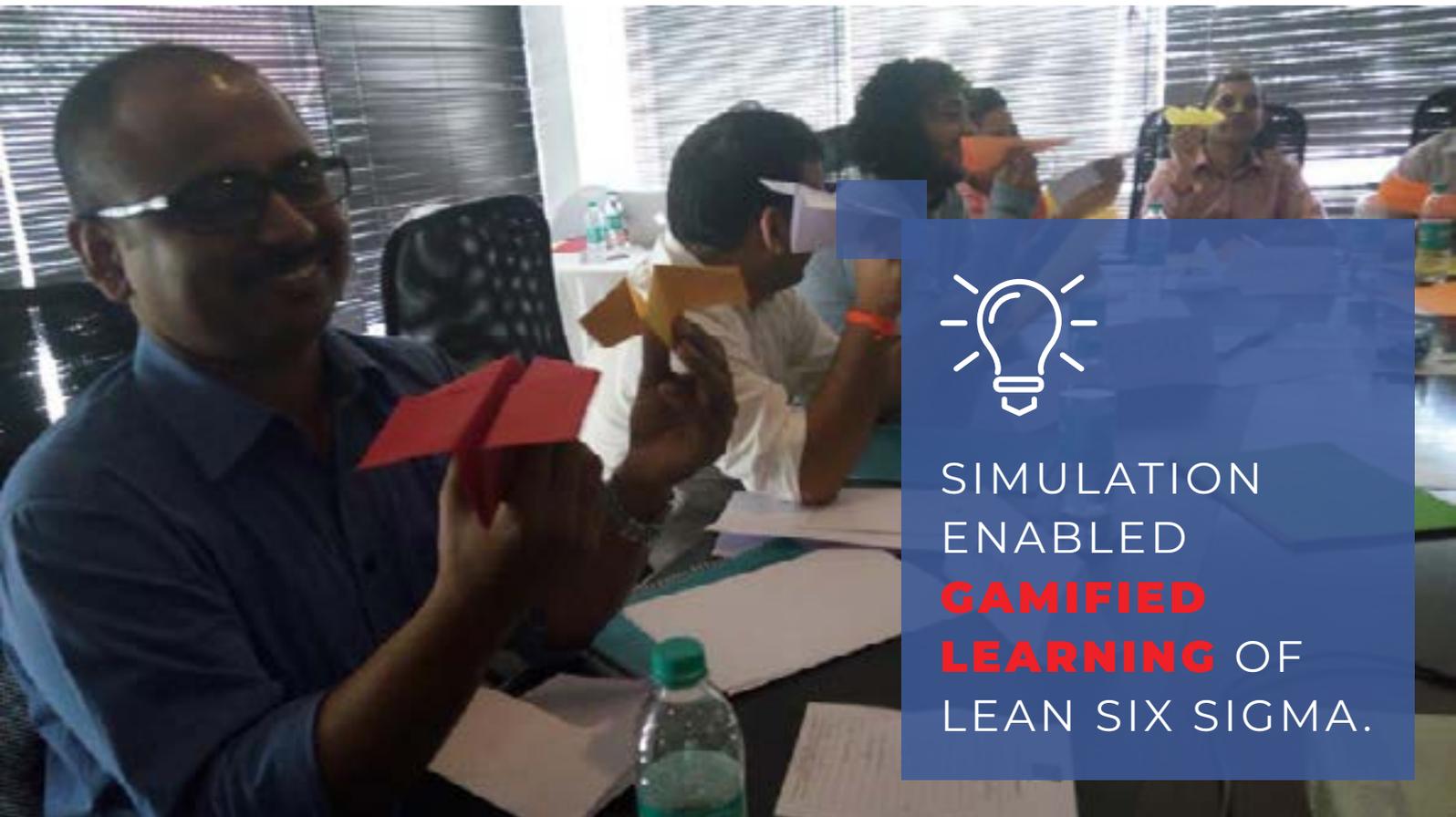
# LEAN SIX SIGMA/ SIX SIGMA YELLOW BELT

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



**Xergy BUSINESS EXCELLENCE PVT LTD**

WWW.XERGY.CO.IN



SIMULATION  
ENABLED  
**GAMIFIED**  
**LEARNING** OF  
LEAN SIX SIGMA.

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

 **ASQ**    **IASSC**    **TÜV SÜD**



**BLACK  
BELT**



**GREEN  
BELT**



**YELLOW  
BELT**

**7 QC   FMEA**

**LEADING CERTIFICATION BODIES OF LEAN SIX SIGMA**

# AGENDA

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# COMPANY OVERVIEW

## ABOUT US

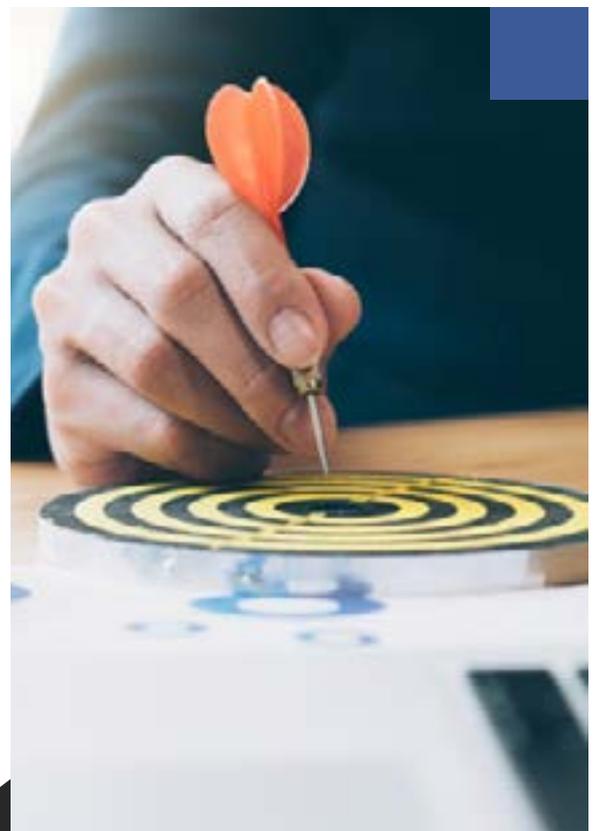
**XergY Business Excellence Pvt Ltd** (XergY pronounced as X- ERGY) is a Bengaluru based startup, one-stop solution for all your Lean Six Sigma requirements & beyond. XergY is into developing Innovative Technological Solutions for most complex problem, Consulting, Training, Certification, Mentoring &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

XergY'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 Technischer Überwachungsverein (English translation: Technical Inspection Association) South Asia **(TÜV SÜD)**, The American Society for Quality **(ASQ)** & The International Association for Six Sigma Certification **(IASSC)**.

XergY'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 Xergy

**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

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**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**



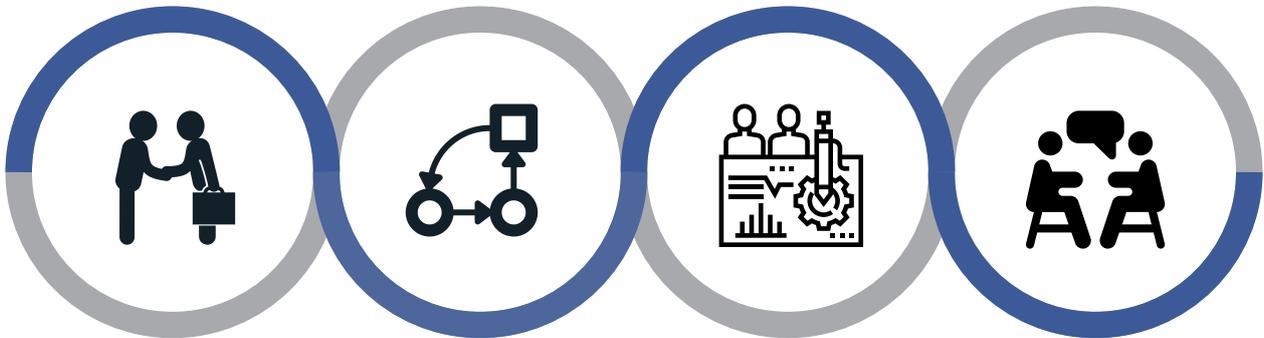
# OTHERS VS. XERGY

Features	Others	XergY
<b>Trainers Consulting Experience</b>	Trainers with little or no Lean Six Sigma Consulting Experience	Trainers with 16+ years of Lean Six Sigma consulting experience having delivered 200+ projects, and trained Fortune 50 companies and trained 2000+ professionals
<b>Course Curriculum</b>	Minimum Syllabus & no focus on Practical implementation	Exhaustive & Practically oriented Syllabus designed to help you drive projects and succeed in your corporate career
<b>Project Driven Experiential Learning</b>	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.
<b>Lean &amp; Six Sigma</b>	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
<b>Concepts of DMADV &amp; DFSS</b>	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.
<b>Minitab Practice</b>	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
<b>Certification Recognition</b>	Institute specific certificate or Internationally recognized Certification	Internationally Recognized Certification from TUV SUD
<b>Certification Guarantee</b>	Not Guaranteed especially for Internationally recognized certifications	100% Guaranteed internationally recognized Certification

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

# VALUE ADD FOR YOU

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## 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.

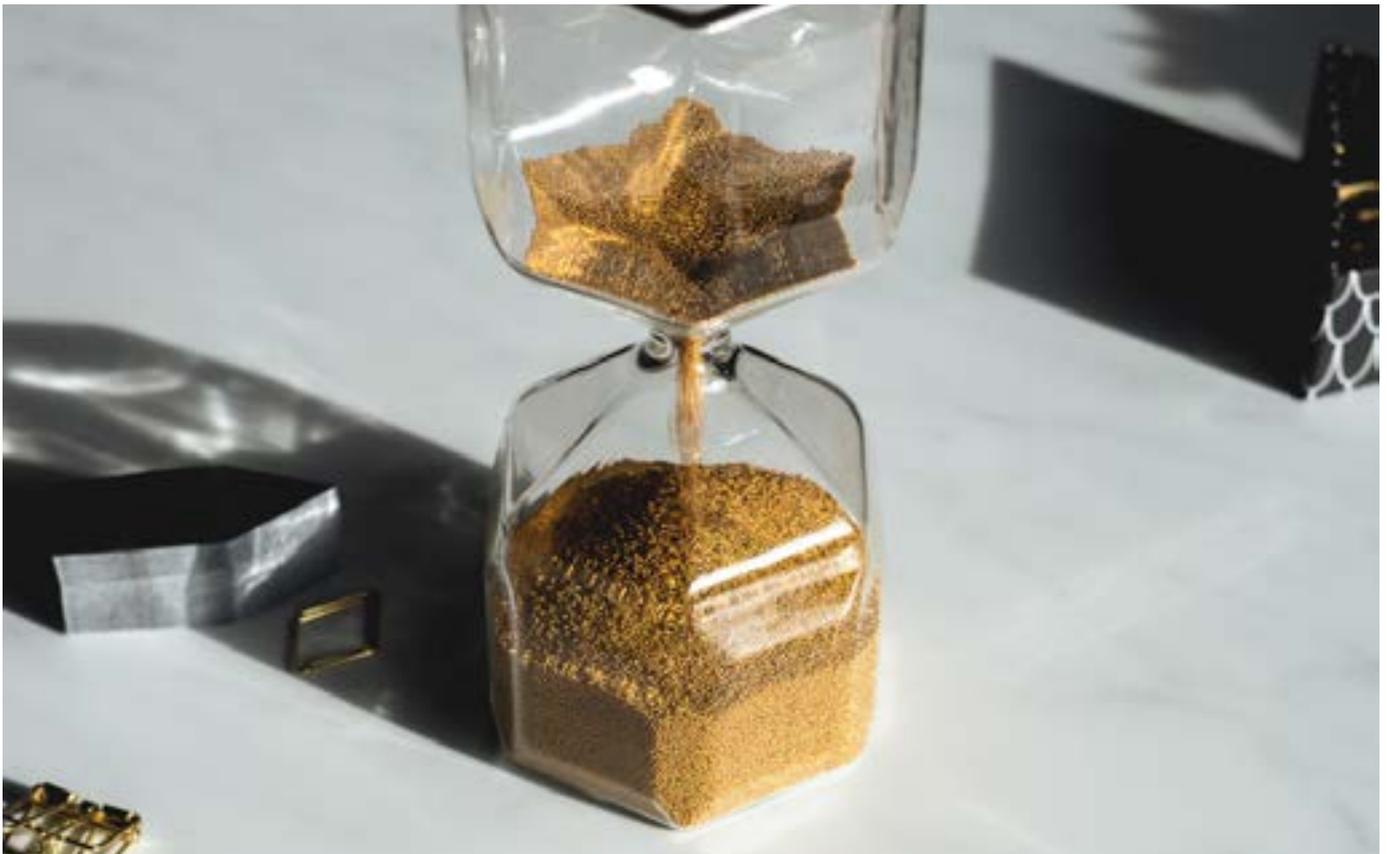
## MENTORSHIP

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

# COURSE PROGRAM

## YELLOW BELT

Lean Six Sigma Yellow Belt provides a detailed information on the Lean Six Sigma fundamentals and ways to apply Lean Six Sigma to specific industry to achieve desired results.



## LEAN MANAGEMENT

- |            |  |            |   |
|------------|--|------------|---|
| <b>1.0</b> | <b>Introduction to Lean</b>                                      | 5.3        | Create Flow   |
| <b>2.0</b> | <b>What is Lean &amp; Application of Lean</b>                    | 5.4        | Respond to Pull   |
| <b>3.0</b> | <b>6S Before Lean(Simulation to Understand)</b>                  | 5.5        | Pursuit Perfection  |
| <b>4.0</b> | <b>Types of Waste<br/>(Videos &amp;Simulation to Understand)</b> | <b>6.0</b> | <b>Identify Customers &amp; Specify Value</b>               |
| 4.1        | Different Types of Wastes  | 6.1        | Customer – Internal & External                              |
| 4.2        | Causes of Waste  | 6.2        | Value Added & Non-Value Added<br>(Simulation to Understand) |
| 4.3        | Remedies of Waste  |            |   |
| <b>5.0</b> | <b>Lean Principles Introduction</b>                              |            |   |
| 5.1        | Identify Customers & Specify Value                               |            |   |
| 5.2        | Value Stream Mapping   |            |   |

## 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)





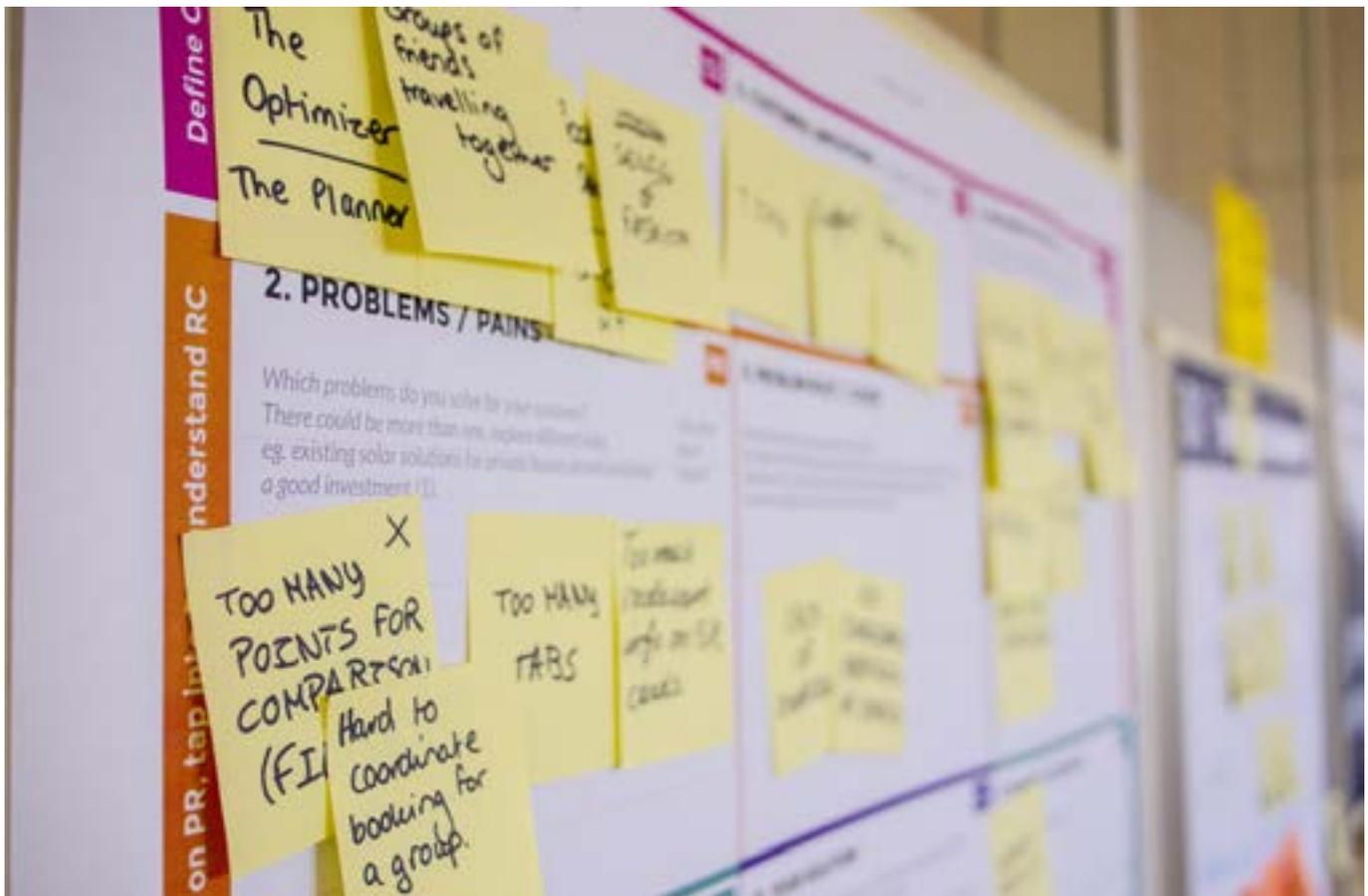
# SIX SIGMA

## INTRODUCTION

- |            |   |             |   |
|------------|---|-------------|---|
| <b>1.0</b> | <b>Introduction to Quality</b>  | 7.5         | Cost Benefit Analysis (CBA)                                     |
| <b>2.0</b> | <b>Quality Leaders</b><br><b>(Juran, Deming, Shewhart, Ishikawa)</b><br><b>(Videos to Understand)</b> | 7.6         | Hard & Soft Benefits<br>(Practice to Understand)                |
| <b>3.0</b> | <b>Cost of Quality (COQ)</b>  | 7.7         | Cost avoidance & Cost reduction<br>(Practice to Understand)     |
| <b>4.0</b> | <b>Cost of Poor Quality (COPQ)</b><br><b>(Videos to Understand)</b>                                   | <b>8.0</b>  | <b>Organisation Goals &amp; Six Sigma</b>                       |
| <b>5.0</b> | <b>Optimum Quality Levels</b>   | <b>9.0</b>  | <b>Six Sigma &amp; Balanced Score card</b>                      |
| <b>6.0</b> | <b>Failure Mode &amp; Effect Analysis (FMEA)</b>  | <b>10.0</b> | <b>History &amp; Evolution of Six Sigma</b>                     |
| 6.1        | Create Process FMEA<br>(Videos to Understand)   | <b>11.0</b> | <b>Continuous Improvement</b>                                   |
| 6.2        | Create Design FMEA  | <b>12.0</b> | <b>Basics of Six Sigma</b><br><b>(Simulation to Understand)</b> |
| <b>7.0</b> | <b>Key Business Drivers &amp; their Impact</b>  | <b>13.0</b> | <b>Six Sigma Applications</b>                                   |
| 7.1        | Profit/Margin (Practice to Understand)  | <b>14.0</b> | <b>Types of Six Sigma Projects</b>                              |
| 7.2        | Market Share  | 14.1        | DMAIC   |
| 7.3        | Customer Satisfaction   |             |   |
| 7.4        | Product Differentiation   |             |   |

## 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 Customer Requirements to Process Requirements**
  - 2.1 Critical to X  
(X-Quality, Cost, Safety or any other)
  - 2.2 CTQ Drill Down
- 3.0 Project Section & Prioritisation (Practice to Understand)**
- 4.0 Process Owners & Stakeholder Analysis**
- 5.0 Project Charter (Practice to Understand)**
  - 5.1 Business Case
  - 5.2 Problem Statement
  - 5.3 Project Goal Statement
  - 5.4 Project Team
  - 5.5 Project Timeline
  - 5.6 Project Scope
  - 5.7 Expected Benefits
- 6.0 Financial Evaluation & Business Case**
- 7.0 Develop Project Metrics**
- 8.0 Six Sigma Project Types**
- 9.0 Project Roles & Responsibilities**
- 10.0 Project Team Dynamics**
  - 10.1 Forming
  - 10.2 Storming
  - 10.3 Norming
  - 10.4 Performing
  - 10.5 Team Communication
- 11.0 Project Management & Analytical Tools**
  - 11.1 Gantt Charts
  - 11.2 Interrelationship Diagram
  - 11.3 Matrix Diagrams
  - 11.4 Activity Network Diagram
  - 11.5 Matrix Diagram
- 12.0 Project Scope**
- 13.0 SIPOC & Process Mapping (Simulation to Understand)**





## MEASURE

### 1.0 Types of Data & Measurement Scale (Simulation to Understand)

- 1.1 Continuous (Variable) Data
- 1.2 Discrete (Attribute) Data

### 2.0 Population & Sampling

- 2.1 Basics of Sampling
- 2.2 Calculate Sample Size  
(Practice to Understand)

### 3.0 Type of Samples (Simulation to Understand)

- 3.1 Random Sample
- 3.2 Systematic Sample

### 4.0 Basics of Statistics (Simulation to Understand)

- 4.1 Central Tendency
- 4.2 Dispersion

### 5.0 Statistical Distributions (Practice to Understand)

- 5.1 Normal
- 5.2 Binominal

### 6.0 Measurement & Data Collection

- 6.1 What is Measurement
- 6.2 Operation Definition
- 6.3 Data Collection Plan  
(Simulations to Understand)

### 7.0 Variation & Measurement System Analysis

- 7.1 Understanding Variations  
(Simulation to Understand)
- 7.2 Measurement System Analysis (MSA)
  - 7.2.1 Discrimination
  - 7.2.2 Accuracy
  - 7.2.3 Precision
  - 7.2.4 Stability

### 7.3 GRR for Continuous Data (Simulation to Understand)

### 7.4 GRR for discrete Data (Simulation to Understand)

### 8.0 Baseline Process Performance (Practice to Understand)

- 8.1 Baseline Discrete Data (DPU, DPO, DPMO)
- 8.2 Baseline Continuous Data  
(Cp, Cpk, Pp, Ppk, Cpm)

## **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 Data Analysis**

### **3.0 Normal Curve & Normality Test (Practice to Understand)**

### **4.0 Hypothesis Testing - Null & Alternate**

### **5.0 Alpha & Beta Risks (Practice to Understand)**

### **6.0 Correlation & its Terminologies**

### **7.0 Regression Analysis (Practice to Understand)**

### **8.0 Linear & Non-linear regression (Practice to Understand)**

## **IMPROVE**

### **1.0 Generate & Evaluate Ideas (Simulations to Understand)**

- 1.1 Brain Storming
- 1.2 Lean Solutions

### **2.0 Selecting Best Solution (Practice to Understand)**

- 2.1 Multi-Voting

### **3.0 Error Proofing**

- 3.1 Prevention & Detection
- 3.2 Mistake Proofing & Examples

### **4.0 Assess Risk Failure Mode and Effect Analysis**

### **5.0 Implementation**

- 5.1 Plan for Implementation
- 5.2 Stakeholder Analysis
- 5.3 Communication Plan
- 5.4 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)**

### **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

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## DURATION

**Class Room Training:** 04 Days – 40 Hours

**Online Training:** 08 Days - 44 Hours

## OBJECTIVE

To enable participants with the necessary knowledge, methodologies & skills required to get involved in DMAIC Lean Six Sigma projects at their respective workplace.

## WHO SHOULD ATTEND ?

- Executives/Operators
- Graduates in any discipline
- Anybody with formal Industrial training

## ESSENTIALS

Graduates / Post graduates from any discipline.

## TRAINER'S PROFILE

Certified Black Belt/Master Black Belt, with 100+ projects across Industries.

## ALIGNED & CERTIFICATION BY

- **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.

## TÜV & SÜD CERTIFICATION PROCEDURE

- Attend four days training.
- Successful completion of Yellow belt certification exam conducted by TÜV & SÜD (at the end of the 4th day).

## **COURSE FEE INCLUDES**

- doHow Gamification.
- 100% Placement Assistance.
- Four Days of Simulation Enabled coaching.
- Lunch & refreshment at the training venue.
- Five Sample Question papers with solutions.
- Examination & Certification Cost (for TÜV & SÜD).
- One Lean Six Sigma Yellow Belt Knowledge Book.



**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 Yellow Belt at Xergy training location.	₹ 19,733	₹ 17,066
<b>Price After Discount for Classroom Training (Inclusive of all)</b>	<b>₹ 14,800</b>	<b>₹ 12,800</b>
<b>Price After Discount for Online Training (Inclusive of all)</b>	<b>₹ 11,700</b>	<b>₹ 11,100</b>

#### Note:

- Certification is from TÜV SÜD South Asia (A globally recognized certifying agency for Lean Six Sigma).
- Click <https://www.xergy.co.in/Default.aspx#calendar> for training calendar.
- The number of seats is limited and on first come first serve basis & Registration closes five days prior scheduled start date.
- ASQ & IASSC certification cost is not part of the commercials however, five mock exams would be provided to help you prepare for the exam.
- Taxes at actual.

#### VENUE FOR CLASSROOM TRAINING

2nd floor, MSR Building,  
Haralur Main Road, off  
Sarjapura Road,  
Bengaluru, Karnataka -  
560103  
[Google Map Location](#)

#### TIME

8 am to 6 pm

#### ONLINE TRAINING

#### WEBINAR

#### TIME

**Batch 1:** 8 am to 1.30 pm  
**Batch 2:** 2 pm to 7.30 pm

#### PAYMENT SCHEDULE

₹ 3000/- Advance & balance on the first day of the training.

#### BANK DETAILS

**Name:** Xergy Business Excellence Private Limited  
**IFSC:** UTIB0003199  
**Account Number:** 917020072858670  
**Account type:** Current Account  
**Bank/Branch:** Axis-Haralur Road, Bangalore

#### PAYTM

+91 968 698 7766

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 Green Belt	₹ 33,000	₹ 28,800	₹ 19,800
Six Sigma Green Belt	₹ 31,000	₹ 26,800	₹ 17,800
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 **XergyY**

Office Address

**2nd floor, MSR Building,**  
**Haralur Main Road,**  
**off Sarjapura Road,**  
**Bengaluru - 560103**

Phone

**+91 968 698 7766**

Email

**reachus@xergy.co.in**

Website

**xergy.co.in**

