



7 QUALITY CONTROL

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





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



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

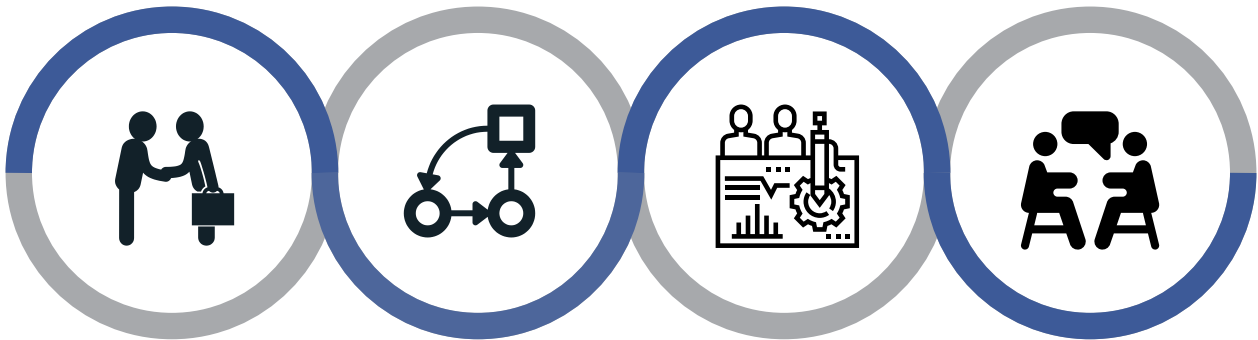


OTHERS VS. XERGY

Features	Others	XergY
Trainers Consulting Experience	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
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
Certification Guarantee	Not Guaranteed especially for Internationally recognized certifications	100% Guaranteed internationally recognized Certification

Features	Others	XergY
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

7 QUALITY CONTROL

Problem-solving using 7 QC tools is very easy & effective. A significant number of chronic problems can be solved with the use of 7 Quality tools. 7 QC tools can be used without much mathematical or statistical knowledge. 7 QC tools are the first level of problem-solving methodologies before starting Six Sigma way. Seven Quality tools are an integral part of Quality circles and are used in Six Sigma projects.

A strong foundation is what you need to build your career. Irrespective of your domain of work knowledge of Seven Basic Quality Tools would be a great value add for you. If you are from Quality or Process then it is even more important to learn the Seven Quality Tools to help you solve a significant number of Quality and or Process challenges.



7 QUALITY CONTROL TOOLS

- 1.0 Introduction to Process, Quality, Data & different types of Data (Continuous, Discrete, Ordinal & Nominal) with examples**
- 2.0 Understanding Process Variation, Special cause Variation & Common cause Variations with examples**
- 3.0 What is Measurement & Measurement System**
- 4.0 Measurement System Analysis (Simulation to understand)**
 - 4.1 Discrimination
 - 4.2 Accuracy
 - 4.3 Precision
 - 4.4 Stability
 - 4.5 GRR (Gauge Repeatability & Reproducibility)
- 5.0 Problem Solving**
 - 5.1 Approach to Problem Solving
 - 5.2 Importance of Problem Solving
 - 5.3 Using of Right Problem-Solving Methodology
 - 5.4 Evaluation of Problem-Solving Methodologies
 - 5.5 Introduction to 7 Quality Control Tools





6.0 Cause & Effect Diagram

- 6.1 What is Cause & Effect Diagram/ Fishbone diagram
- 6.2 When & How to use C&E ?
- 6.3 Examples of Cause & Effect Diagram usage
- 6.4 How to construct Cause & Effect Diagram
- 6.5 Benefits of Cause & Effect Diagram
- 6.6 Do's and Don'ts of Cause & Effect Diagram
- 6.7 Create two Cause & Effect Diagram

7.0 Check Sheet

- 7.1 What is it?
- 7.2 When & how to use Check Sheet?
- 7.3 Examples of Check Sheet
- 7.4 How to construct a Check Sheet
- 7.5 Benefits of Check Sheet
- 7.6 Do's and Don'ts of Check Sheet
- 7.7 Create two Check Sheets with given data (Exercise)

8.0 Histogram

- 8.1 What is Histogram?
- 8.2 Understand Histogram with quick Example
- 8.3 When to use Histogram
- 8.4 Histogram Shapes, what they mean
 - 8.4.1 Normal Distribution
 - 8.4.2 Skewed Distributions
 - 8.4.3 Bimodal Distribution
 - 8.4.4 Multimodal Distribution
 - 8.4.5 Edge Peak Distribution
 - 8.4.6 Comb Distributions
 - 8.4.7 Truncated Distributions
 - 8.4.8 Dog Food Distributions
- 8.5 Step by step procedure to create Histogram
- 8.6 Histogram Analysis
- 8.7 Advantages of Histogram
- 8.8 Do's and Don'ts of Histogram
- 8.9 Construct a Histogram with given data (Exercise)
- 8.10 Read & Interpret the Histogram created

9.0 Pareto Chart

- 9.1 What is Pareto Chart ?
(with Examples)
- 9.2 Evolution of Pareto Chart
- 9.3 When to use Pareto Chart?
- 9.4 Step by step procedure to construct Pareto chart
- 9.5 How to read & interpret Pareto Chart
- 9.6 Benefits of Pareto charts
- 9.7 Do's and Don'ts in Pareto Chart
- 9.8 Construct Pareto Chart with given data (Exercise)
- 9.9 Read & Interpret the Control Chart created

10.0 Scatter Diagram

- 10.1 What is Scatter Diagram
- 10.2 When to use Scatter Diagram
- 10.3 Scatter Diagram Analysis
- 10.4 Cautions while interpreting Scatter Diagram
- 10.5 Benefits of Scatter Diagram
- 10.6 Do's and Don'ts while using Scatter Diagram
- 10.7 Create a Scatter Diagram
- 10.8 Read & Interpret the Scatter Diagram created (Exercise)

11.0 Control Chart

- 11.1 What are Control Charts?
- 11.2 Process Controls Limits Vs Specification Limits

- 11.3 Basic statistics
(Mean, Standard Deviation)
- 11.4 Upper and Lower Control Limits & their Significance
- 11.5 When to use Control Chart?
- 11.6 Different types of Control charts
- 11.7 Step by step procedure to construct Control Chart
- 11.8 How to Read & Interpret Control Chart
- 11.9 How to Identify Special cause in a Control Chart
- 11.10 Benefits of Control Charts
- 11.11 Do's and Don'ts of Control Charts
- 11.12 Construct one Control Chart with given Data
- 11.13 Read & Interpret the Control Chart created

12.0 Stratification

- 12.1 What is Stratification?
- 12.2 When to use Stratification?
- 12.3 Stratification Procedure
- 12.4 Stratification Example
- 12.5 Stratification Analysis
- 12.6 Create Stratification Diagram (Worksheet example)
- 12.7 Read & Interpret Stratification Diagram created



COURSE INFORMATION

DURATION

Class Room Training: 02 Days - 20 Hours

Online Training: 04 Days - 22 Hours

OBJECTIVE

To enable professionals with necessary knowledge & methodologies to make use of the Seven Quality Tools at their respective workplace and build a strong foundation for prospering career in future.

WHO SHOULD ATTEND ?

- Professionals with 0-10 Years of experience.
- Diploma / Graduates / Post graduates from any discipline.
- Any Professionals serious to accelerate their corporate career.

ESSENTIALS

Diploma / Graduates / Post graduates.

TRAINER'S PROFILE

An expert with a minimum of 15 years of experience in using the Seven Quality Tools in multiple 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 two days of 7 QC Tools training.
- Successful completion of Seven QC tools certification exam conducted by TUV exam.

COURSE FEE INCLUDES

- Examination fee.
- Certification cost.
- Two days of Simulation enabled training.
- One Seven Quality Tools Knowledge Book.
- Five sample question papers with answers.
- Lunch & refreshment at the training venue.
- Practice papers from the respective industry.



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

TRAINING COMMERCIALS

Scope of Work	7 Quality Control
1. Train, Certify & Coach 01 participant as 7 Quality Control at XergY training location.	₹ 8,800
Price After Discount for Classroom Training (Inclusive of all)	₹ 4,800
Price After Discount for Online Training (Inclusive of all)	₹ 3,900
Note:	
1. Certification is from TÜV SÜD South Asia (A globally recognized certifying agency for Lean Six Sigma).	
2. Click https://www.xergy.co.in/Default.aspx#calendar 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.	

<p>VENUE FOR CLASSROOM TRAINING</p> <p>2nd floor, MSR Building, Haralur Main Road, off Sarjapura Road, Bengaluru, Karnataka - 560103 Google Map Location</p> <p>TIME</p> <p>8 am to 6 pm</p>	<p>ONLINE TRAINING</p> <p>WEBINAR</p> <p>TIME</p> <p>Batch 1: 8 am to 1.30 pm Batch 2: 2 pm to 7.30 pm</p>	<p>PAYMENT SCHEDULE</p> <p>₹ 1000/- Advance & balance on the first day of the training.</p> <p>BANK DETAILS</p> <p>Name: XergY Business Excellence Private Limited IFSC: UTIB0003199 Account Number: 917020072858670 Account type: Current Account Bank/Branch: Axis-Haralur Road, Bangalore</p> <p>PAYTM</p> <p>+91 968 698 7766</p>
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Our Other Trainings	Original Price	Discounted Price (Classroom)	Discounted Price (Online)
Failure Mode & Effect Analysis	₹ 8,800	₹ 4,800	₹ 3,900
Lean Management	₹ 11,733	₹ 8,800	₹ 4,800
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
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**

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