

Lean Six Sigma With Minitab:

YELLOW BELT + GREEN BELT + BLACK BELT

Live Training & 3 Certification Program



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Call Us: +91 9665352810 www.ealssacademy.com



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Interested to Joining Contact Now





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Transform the way you work and accelerate your career with our Lean Six Sigma with Minitab Live Training Program. This hands-on, expert-led program is designed to equip professionals with the tools and knowledge to lead process improvements, reduce waste, and make data-driven decisions that deliver measurable business results.

This program offers a comprehensive learning experience through three globally recognized certifications—Yellow Belt, Green Belt, and Black Belt—all integrated with Minitab, the industry-standard statistical software. Whether you're a project manager, quality professional, or operations expert, you'll master the art of improving processes and driving organizational excellence.

With interactive live sessions, real-world case studies, and hands-on projects, you won't just learn theory—you'll gain practical insights that you can apply immediately to your role. Join a growing community of professionals, enhance your problem-solving skills, and become a leader in Lean Six Sigma methodologies.







147hrs of comprehensive training content along with 40hrs of live sessions under the guidance of IASSC Accredited Master Black Belt Trainer.



Earn an Industry Recognized Lean Six Sigma Certification.





Learn DMAIC methodology with practical example and case studies. Test your knowledge with practice exams.



Become Expert in Lean Six Sigma with Minitab data analysis.



Earn 3 Lean Six Sigma Certification with Professional Badge. (Yellow Belt, GreenBelt, BlackBelt)



3. About EALSS Academy

EALSS Academy is a world-class training institution trained more than 10000 working professionals globally, dedicated to empowering professionals with cuttingedge skills in Lean Manufacturing, Six Sigma, and operational excellence. As a leader in the industry, we provide expert-led live training programs that blend practical insights with hands-on learning. Our focus is to help organizations and individuals master process improvement, data analytics with Minitab, and achieve operational breakthroughs.

With a global presence and a reputation for excellence, EALSS Academy offers globally recognized certifications in Yellow, Green, and Black Belts, ensuring our learners are equipped to meet the highest standards of quality management. We are committed to continuous improvement, using real-world case studies and industryproven methodologies to deliver an exceptional learning experience.

Whether you are a professional looking to advance your career or a business seeking to transform its operations, EALSS Academy stands as your trusted partner on the journey toward excellence and success.



4. Why Choose EALSS Academy:

ISO 9001:2015 Certified Company

Learn from a training provider that meets international quality standards – your growth is in trusted hands.



IASSC & CSSC Accredited Training Associate

Our programs meet global accreditation standards, ensuring your certification is trusted worldwide.

Join the Largest Opex Community

Be part of a powerful network of 60,000+ professionals focused on Operational Excellence and continuous improvement.





Trusted by Top Professionals Worldwide

Thousands of learners from leading companies choose EALSS Academy to upskill and grow faster.

Live & Interactive Learning

Engage in real-time sessions with experienced mentors, ask questions instantly, and learn through practical demonstrations.





Globally Recognized Certifications

Boost your career with industry-standard certifications accepted worldwide.

MSME-Registered & Trusted

Learn from a training provider that meets international quality standards – your growth is in trusted hands.





Community-Driven Support

Get continuous support through our active WhatsApp groups, expert mentors, and peer learning—because growth happens together.



5. Program Outcome

Master the DMAIC framework for structured problem-solving. Apply Lean principles to eliminate waste and improve efficiency.

Proficiency in Minitab for Data Analysis

Learn to create control charts, Pareto charts, histograms, and regression models using Minitab.

Perform statistical analysis to support decision-making.

Earn 3 Certifications

Yellow Belt: Introduction to Lean Six Sigma tools for small improvements. Green Belt: Intermediate skills to lead data-driven improvement projects. Black Belt: Advanced expertise to manage strategic projects and mentor others.

Problem-Solving and Root Cause Analysis Skills

Identify root causes using 5 Whys, Fishbone diagrams, and other tools. Implement long-term solutions with statistical validation.

Process Efficiency and Cost Reduction

Reduce process variation and errors to ensure consistent quality. Identify and eliminate non-value-adding activities to cut costs.

Real-World Application

Practice through case studies and project simulations to build hands-on experience.

Gain confidence to lead continuous improvement efforts.

➢ Career Growth and Recognition

Earn globally recognized certifications to enhance your resume. Increase job prospects across industries like manufacturing, Services, healthcare, IT, and more.

6. Who Should Enroll?

Any professional looking to learn how to improve organizational efficiency can become a Lean Six Sigma expert. Professionals who typically take this program include:

>> Operations and Manufacturing Professionals:

- Production Supervisors and Managers
- · Process Engineers
- · Quality Control Inspectors
- · Maintenance Engineers

Quality Management and Process Improvement Teams

- · Quality Analysts and Managers
- · Continuous Improvement Specialists
- Process Improvement Coordinators
- · Operational Excellence Leaders

Project Managers and Business Analysts

- Project Coordinators and Managers
- · Business Analysts
- · Program Managers

Healthcare and Service Industry Professionals

- Healthcare Administrators and Quality Managers
- · Customer Service Managers
- · Supply Chain and Logistics Coordinators





>> IT and Data Analysts

- · IT Support Specialists
- · Data Analysts
- Process Automation Engineers

Mid-Level Managers and Team Leaders

- · Department Heads
- · Supervisors
- · Team Leaders

Working Professionals Seeking Career Growth and Certification

- Individuals aiming for career advancement and wanting to stand out with globally recognized certifications.
- Those looking to transition into roles focused on quality, operations, or process management.



7. Why to get Certified in Lean Six Sigma?

Lean Six Sigma certifications are globally recognized, making you stand out in the job market.

In-Demand Skills Across Industries

Skills in Lean Six Sigma are sought after in manufacturing, healthcare, IT, finance, and more.

🏓 Increase Process Efficiency

Learn to eliminate waste, reduce process variation, and improve workflows.

🕨 Data-Driven Problem Solving

Gain expertise in using tools like Minitab for statistical analysis and decisionmaking.

🕦 Higher Earning Potential

Professionals with Lean Six Sigma certifications often enjoy better salaries and promotions.

>> Career Flexibility and Leadership

Qualify for roles in quality management, process improvement, or operational leadership.

🕨 Drive Organizational Impact

Lead continuous improvement projects and help organizations reduce costs and enhance quality.



Learning Path



Additional benefits

- ▶ 42 hrs live session recordings access upto Black Belt with Minitab level.
- ▶ More than 40 templates on Lean Six Sigma tools.
- >>> 12 case studies for practice.
- >> Complete training study materials with best reference books.

9. Structure & Timing of the Training program

>> Total Duration:

8 to 9 live training sessions via Zoom, each lasting 3 to 4 hours (total 35 to 40 hours).

>> Schedule:

Weekend program, live session conducted every Sunday.

Timing:

- 6:00 PM to 10:00 PM (IST)

- Timing can be adjusted based on participant needs.

>> Start Date:

The training begins this Sunday. (Check next batch dates with support team)



10. Trainer Details



Santosh G Bhosale: (IASSC Accredited Training Associate) Lean Six Sigma Master Black Belt expert practitioner with more than 29 years of experience in carrying out organizational transformations through the deployment of various models of business process excellence, change management, and process engineering across multiple industries and business domains.

He trained more than 10000 working professionals on Lean Six Sigma throughout his career.

He will train you up to the Black belt level and Minitab data analysis in detail.

- > 30+ years of professional and consulting experience
- IASSC Accredited Trainer for Lean Six Sigma Green belt, Black Belt, Master Black Belt levels
- Business Transformation Consultant
- LEGO SERIOUS PLAY Facilitator
- ISO 18404-2015: LSS-Lead Auditor

- > Change Management Expert
- Lean Manufacturing Specialists
- ▶ EFQM, DQA, SKEA, Assessor and Consultant
- Certified Agile Coach
- Innovation and CXM Expert
- DQA, Tagdeer, MRM, SKEA Excellence Assessor



Ashwin J More (Black Belt Training Program Coordinator)

Certified Lean Six Sigma Black Belt with more than 10 years of experience in creating training content and helped more than 3000 working professionals pass the IASSC Green Belt and Yellow Belt exams.

He is best selling instructor at udemy in the category of the Lean Six Sigma Practice test course.

He will provide all the support you need through the training program.

- > 10+ years of Professional and Training Experience
- Lean Six Sigma Trainer for Yellow Belt, Green Belts
- Continuous Improvement Consultant
- Lean Six Sigma Instructor on top E-learning platform like Udemy
- Content head at EALSS Academy official social media pages
- > IASSC Certified Lean Six Sigma Green and Black Belt

- Certified Associate in Project Management (CAPM) by PMI
- Certified Lean Production Professional by TUM University, Germany
- Helped more than 3000 working professionals in passing IASSC/ASQ Yellow Belt and Green Belt exams





Module1

- 1.1 The Basics of Six Sigma
- 1.1.1 Meanings of Six Sigma
- 1.1.2 General History of Six Sigma & Continuous Improvement
- 1.1.3 Deliverables of a Lean Six Sigma Project
- 1.1.4 The Problem Solving Strategy Y = f(x)
- 1.1.5 Voice of the Customer, Business and Employee
- 1.1.6 Six Sigma Roles & Responsibilities
- 1.2 The Fundamentals of Six Sigma
- 1.2.1 Defining a Process
- 1.2.2 Critical to Quality Characteristics (CTQ's)
- 1.2.3 Cost of Poor Quality (COPQ)
- 1.2.4 Pareto Analysis (80:20 rule)
- 1.2.5 Basic Six Sigma Metrics
- a. including DPU, DPMO, FTY, RTY Cycle Time; deriving these metrics

Module 2

- 1.3 Selecting Lean Six Sigma Projects
- 1.3.1 Building a Business Case & Project Charter
- 1.3.2 Developing Project Metrics
- 1.3.3 Financial Evaluation & Benefits Capture
- 1.4 The Lean Enterprise
- 1.4.1 Understanding Lean
- 1.4.2 The History of Lean
- 1.4.3 Lean & Six Sigma
- 1.4.4 The Seven Elements of Waste
- a. Overproduction, Correction, Inventory, Motion, Overprocessing, Conveyance, Waiting.
- 1.4.5 5S
- a. Sort, Straighten, Shine, Standardize, Self-Discipline



Accredited Training Associate by IASSC & CSSC

Module 3

- 2.1 Process Definition
- 2.1.1 Cause & Effect / Fishbone Diagrams
- 2.1.2 Process Mapping, SIPOC, Value Stream Map
- 2.1.3 X-Y Diagram
- 2.1.4 Failure Modes & Effects Analysis (FMEA)
- 2.2 Six Sigma Statistics
- 2.2.1 Basic Statistics
- 2.2.2 Descriptive Statistics
- 2.2.3 Normal Distributions & Normality
- 2.2.4 Graphical Analysis

Module 4

- 2.3 Measurement System Analysis
- 2.3.1 Precision & Accuracy
- 2.3.2 Bias, Linearity & Stability
- 2.3.3 Gage Repeatability & Reproducibility
- 2.3.4 Variable & Attribute MSA
- 2.4 Process Capability
- 2.4.1 Capability Analysis
- 2.4.2 Concept of Stability
- 2.4.3 Attribute & Discrete Capability
- 2.4.4 Monitoring Techniques

Module 5

- 3.1 Patterns of Variation
- 3.1.1 Multi-Vari Analysis
- 3.1.2 Classes of Distributions
- 3.2 Inferential Statistics
- 3.2.1 Understanding Inference
- 3.2.2 Sampling Techniques & Uses
- 3.2.3 Central Limit Theorem



Module 6

- 3.3 Hypothesis Testing
- 3.3.1 General Concepts & Goals of Hypothesis Testing
- 3.3.2 Significance; Practical vs. Statistical
- 3.3.3 Risk; Alpha & Beta
- 3.3.4 Types of Hypothesis Test
- 3.4 Hypothesis Testing with Normal Data
- 3.4.1 1&2 sample t-tests
- 3.4.2 1sample variance
- 3.4.3 One Way ANOVA
- a. Including Tests of Equal Variance, Normality Testing and Sample Size calculation, performing tests and interpreting results.
- 3.5 Hypothesis Testing with Non-Normal Data

Module7

- 14.1 Simple Linear Regression
- 4.1.1 Correlation
- 4.1.2 Regression Equations
- 4.1.3 Residuals Analysis
- 4.2 Multiple Regression Analysis
- 4.2.1 Non-Linear Regression
- 4.2.2 Multiple Linear Regression
- 4.2.3 Confidence & Prediction Intervals
- 4.2.4 Residuals Analysis
- 4.2.5 Data Transformation, Box Cox
- 4.3 Designed Experiments
- 4.3.1 Experiment Objectives
- 4.3.2 Experimental Methods
- 4.3.3 Experiment Design Considerations

Module 8

- 4.4 Full Factorial Experiments
- 4.4.1 2k Full Factorial Designs
- 4.4.2 Linear & Quadratic Mathematical Models
- 4.4.3 Balanced & Orthogonal Designs
- 4.4.4 Fit, Diagnose Model and Center Points
- 4.5 Fractional Factorial Experiments
- 4.5.1 Designs
- 4.5.2 Confounding Effects
- 4.5.3 Experimental Resolution

Module 9

5.1 Lean Controls

- 5.1.1 Control Methods for 5S
- 5.1.2 Kanban
- 5.1.3 Poka-Yoke (Mistake Proofing)
- 5.2 Statistical Process Control (SPC)
- 5.2.1 Data Collection for SPC
- 5.2.2 I-MR Chart
- 5.2.3 Xbar-RChart
- 5.2.4 UChart
- 5.2.5 PChart
- 5.2.6 NP Chart
- 5.2.7 Xbar-SChart
- 5.2.8 CuSum Chart
- 5.2.9 EWMA Chart
- 5.2.10 Control Methods
- 5.2.11 Control Chart Anatomy
- 5.2.12 Subgroups, Impact of Variation, Frequency of Sampling
- 5.2.13 Center Line & Control Limit Calculations

Module 10

- 5.3 Six Sigma Control Plans
- 5.3.1 Cost Benefit Analysis
- 5.3.2 Elements of the Control Plan
- 5.3.3 Elements of the Response Plan

12. Training Program Deliverables & Benefits

Total Training Content – 147 Hours

- 35-40 Hours of Live Training Sessions
 - o Conducted by expert Master Black Belt (MBB) and IASSC Accredited trainer.

• 117 Hours of Self-Learning Content

 Up to the Black Belt level covering IASSC and ASQ Body of Knowledge (BOK) in detail.

Exclusive Access to Live Session Recordings

- 42 Hours of Live Session Recordings
 - o Available on EALSS Academy's LMS portal.
 - o Re-watch sessions to reinforce your learning.

Self-Learning Animated Content

- 13 Hours of Yellow Belt self-learning Content
 - o Detailed coverage of IASSC and ASQ Yellow Belt BOK.
- 22 Hours of Green Belt Self-learning Content
 - o Comprehensive lessons based on IASSC and ASQ Green Belt BOK.
- 40 Hours of Black Belt Self-learning Content
 - o Master-level insights aligned with IASSC and ASQ Black Belt BOK.

Practice Resources and Real-Life Case Studies

- 300+ Practice Questions
 - o Covers Green Belt and Black Belt levels.
- 12 Real-Life Data-Based Case Studies
 - o Gain hands-on practice for real-world scenarios.
- 2 Sample Six Sigma Projects
 - o Practical exposure to project execution.
- Huge Datasets for Minitab data Analysis practice
 - Practice data-driven decision-making and final results interpretation.
- 47 Quality Tools Excel Templates
 - o Ready-to-use templates for various Six Sigma tools.

12. Training Program Deliverables & Benefits

Study Materials and Reference Books

- Black Belt Level Study Manual
 - Trainer-used materials provided for in-depth study (All training program study materials)
- 5 Reference Books on Lean Six Sigma
 - o Enhance your knowledge beyond the program.

Community Access

- Join a Professional Network
 - Become part of a vibrant community of Lean Six Sigma/operational excellence practitioners and experts.

Certification

- 3 Globally Recognized Certificate of Achievement
 - o Certified Lean Six Sigma Yellow Belt
 - o Certified Lean Six Sigma Green Belt
 - o Certified Lean Six Sigma Black Belt



13. Flow of Training Program

Training Program Flow:

Step 1: Enrollment Confirmation

- Confirm your enrollment in the program.
- Post-enrollment, the **support team** will provide:
 - Access to 42 hours of live session recordings covering the complete
 DMAIC methodology upto Black Belt level on EALSS Academy LMS portal.

Step 2: Access to Training Materials

- Use the **42 hours of live session recordings** for study purposes along with attending live training sessions on weekend.
- You will be added to the training batch group where:
 - Weekend live training session links will be shared.
 - Study materials (templates, manuals, books, and PDFs) will be provided via a drive link.

Step 3: Weekend Live Training Sessions

- Attend weekend live sessions (on Sunday) to learn directly from expert trainer.
- If a live session is missed: (No worries)
 - You can cover that topic using the **42 hours of live session recordings**.
 - o Or else you can attend the same missed session in the next training cycle.

Step 4: Green Belt Self learning Content Access

- After completing **3 to 4 live training sessions**, you'll receive:
 - Access to **22 hours of Green Belt self-learning animated content** including **Green Belt final exam**. (Exam passing percentage is 60%).

13. Flow of Training Program

Step 5: Black Belt Self learning Content Access

- After completing **all the live training sessions**, you'll receive:
 - Access to 40 hours of Black Belt self-learning animated content including the Black Belt final exam. (Exam passing percentage is 60%).

Step 6: Study and Prepare

- On Weekends: Attend live training sessions.
- On Weekdays: Watch 42 hours of live session recordings to revise concepts and prepare for exams.
- Use additional self-learning content (Green Belt, Black Belt, and Yellow Belt) for in-depth study and future revision.

Step 7: Yellow Belt Self learning Content Access

- During the **last week of the program**, you'll receive:
 - o Access to 13 hours of Yellow Belt self-learning content.
- Yellow Belt certification does **not require an exam**, as a part of this program you will get Yellow Belt certification as well.

Step 8: Certification Process

- Green Belt and Black Belt Exams:
 - Pass with a minimum score of **60%** to qualify for certification.
 - Multiple attempts are allowed until you pass the exam so no worries.
- Once you pass both exams:
 - You'll receive certifications for all **3 belts** (Yellow, Green, and Black) via official email.
 - Each certification includes a unique verified certification ID for lifetime validity.



13. Flow of Training Program

Important Notes

- Focus on:
 - o Attending live training sessions.
 - o Watching the **42 hours of Zoom recordings** for reinforcement.

• Additional Learning:

• Self-learning content (Green Belt, Black Belt, Yellow Belt) is for future reference and deeper understanding.

3

- EALSS Academy Support:
 - The support team guides you step by step throughout the program.



14. How to enroll?

Joining process:

- First connect our support team at this number on call or what'sapp: +91 9665352810
- You need to confirm your enrollment by completing training program fees. Our support team will guide so connect with them on mentioned number.
- For fees transfer we will provide you EALSS academy official QR code, Payment link, Gpay number, Account details or PayPal link.
- You can select your preferred way of fees transfer as per that we will provide you further details.
- >> You can use whichever mode of fees transfer you like.
- After enrollment confirmation with fees, you will be added in the training program batch group.
- In that group you will get live session link on weekends. And other study materials access link.
- Even if you missed any live session, you will have live training sessions recordings access to watch it anytime.
- That's how the flexibility we have. You can comfortably finish your training program and get certified in 3 belts after fulfilling all the criteria set by EALSS Academy.

15. Sample certificate:

Sample Certificate For Your Reference





Student Reviews



EALSS Academy's Lean Six Sigma with Minitab training was superb. The instructor's passion for DMAIC and real-world examples from our industry made the subject matter come alive. The well-structured training, with hands-on Minitab exercises, helped me grasp and apply the concepts with ease.

Prasanna Lakshmi: (Business Improvement Specialist)



Sriram Nagarajan: (Business Improvement Lead)



Zainoirwan Bin Zainuddin: (Associate Director - Manufacturing)



Thilaga Laxmy Kannan: (Packaging Development Manager)



Muthu Ramu: (Principle Engineer R&D)



Santosh sir delivered in depth Lean Six Sigma Black Belt training with practical Minitab analysis examples including Design Of Experiments (DOE). Extremely value adding course for anyone from beginners to expert practitioners as Santosh sir used real life business case studies to solidify understanding of advanced concepts. Thank you

EALSS Academy certainly offers a very good platform for working professionals like me to pursue professional certification online. I'm in the middle of completing the (GB + BB) Live training program and I feel it has the best learning material plus a highly experienced Master Black Belt Coach who relentlessly coaches all his students to master each topic of DMAIC methodology.

The live training was very interactive, with practical examples for better understanding. It has enhanced my understanding of the DMAIC methodology and problem-solving tools, which I gained through on-thejob training before this. Especially valuable was the hands-on experience with Minitab. These skills will definitely be useful for my job, and I'm excited to apply them. I would certainly recommend this live training session to anyone looking for Lean Six Sigma certification.

Impressive and structured training. I learned many tools from LEAN and SIX SIGMA methodology with practical examples. Live classes were interactive with Minitab data analysis. Trainer is very experienced and talented. The explanations were clear and easy to understand. Overall, I had a very good experience in learning DMAIC methodology and have confidence in applying these tools in my job scope.

Like - for more testimonials

www.ealssacademy.com/testimonials



17. Client we work with:

Top Clients We Work With

هيئــة الصحـة بدبـي DUBAI HEALTH AUTHORITY	المستشفى الأمريكي AMERICAN HOSPITAL BELLAT	conveited Se sure	WILLIS SEPARAT	من محمد Al Naboodah
ita		مستشفى الواحة Oasis Hospital Binyuser fister الملاجع	Cadbury	Gates.
אני לעמע אין		JOTUN	PANACHE	aggreko
مینه معهریاه و میاه الشار قد علیافه المعاریا و و میاه الشار قد Shajah Elecritisy & Water Automity	لآ قطر سـتيل QATAR STEEL	AAB TOOLS	FUJAIRAH CEMENT INDUSTRIES	RNZ
HULL HERCHANDISING & STOREDISION	0000 Audi	\bigotimes	SCANIA	ASHOK LEYLAND
global pharma	Emirates	ACCURATE EDGE	دديد الإمارات emirates steel	هطر ستیل QATAR STEEL
CliC steel	SOBHA	Shan	Where the world comes to shop. safely!	FORVIA faurecia
YOUR FOOD IS SAFE WITH US	Fujairah Cement Industries the name to build on	دوخأب Ducab	peikko	



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Our Alumni

The World

Working Across

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