Senseacademy

The Professional Certificate Program in

Certified Lean Six Sigma Green Belt (CLSSGB)

About Us

Welcome to (Sense Academy), where innovation meets excellence in the digital realm. We're passionate about IT education. Our platform offers a wide range of courses designed to help you thrive in the tech world. Our team of talented engineers, developers, and experts is dedicated to delivering cutting-edge solutions that drive business growth and transform industries. We pride ourselves on our commitment to innovation, quality, and student satisfaction. With a focus on, creativity, integrity, collaboration, etc. we strive to exceed expectations and set new standards of excellence in everything we do.

At Sense Academy, we're passionate about empowering individuals with the skills and knowledge needed to thrive in the ever-evolving tech landscape. We offer courses that help students build their skills and expertise in IT. As a leading tech academy, we offer a diverse range of courses and programs designed to equip learners with practical skills and expertise across various domains, including programming, data science, cyber security, business, and creative arts. Our team of industry experts and educators is dedicated to providing high-quality education and fostering a supportive learning environment where students can succeed and grow. Whether you re a beginner looking to launch a career in tech or a seasoned professional aiming to advance your skills, Sense Academy has something for everyone.

With a focus on innovation, flexibility, and accessibility, we're committed to helping individuals achieve their goals and unlock their full potential. Join us at Senseacademy and embark on a journey of lifelong learning and discovery in the exciting world of technology.

Why Choose Us

Discover why our program stands out with exceptional training, expert guidance, and cutting-edge curriculum.

Trusted by millions - Join a community of satisfied learners worldwide

Certificated awarded - Earn recognized credentials upon successful completion

24/7 online chat - Instant support whenever you need it

Made by professionals - Expertly designed by industry leaders

Available offline - Access content anytime, anywhere without an internet connection.

600+ hours of classes - Extensive learning opportunities to master your skills

Top-quality online education	Expert-led online Training	Community with 50K+ students.

Certified Lean Six Sigma Green Belt (CLSSGB)

Overview

The Certified Lean Six Sigma Green Belt (CLSSGB) certification equips professionals with the skills and knowledge to lead and manage process improvement projects using Lean Six Sigma methodologies. Participants learn to identify, analyze, and resolve quality issues, focusing on enhancing efficiency and reducing waste within processes. This certification provides a deeper understanding of Lean Six Sigma tools and techniques, enabling individuals to drive significant improvements in organizational performance. By obtaining the CLSSGB certification, professionals demonstrate their ability to execute and oversee projects that contribute to continuous improvement and operational excellence.

Course Objectives

- Understand intermediate Lean Six Sigma principles and methodologies.
- Learn to lead and execute Green Belt-level process improvement projects.
- Gain skills to identify, analyze, and solve complex quality issues.
- Develop expertise in utilizing Lean Six Sigma tools and techniques.
- Support and mentor Yellow Belt team members.
- Demonstrate proficiency in driving continuous improvement and operational excellence within organizations.

Why Choose Our Certified Lean Six Sigma Green Belt (CLSSGB) Course

Knowledgeable Trainers - In our academy we provide trainers who are industrial specialists with wide knowledge in CLSSGB filed. They convey actual-creation visions and hands-on information to the classroom, increasing the knowledge ability.

Real-world knowledge method - We highlight practical knowledge and incident educations to support learners put in theoretic ideas to actual-creation situations. This method certifies that learners grow practical abilities that are directly related in their parts as leaders.
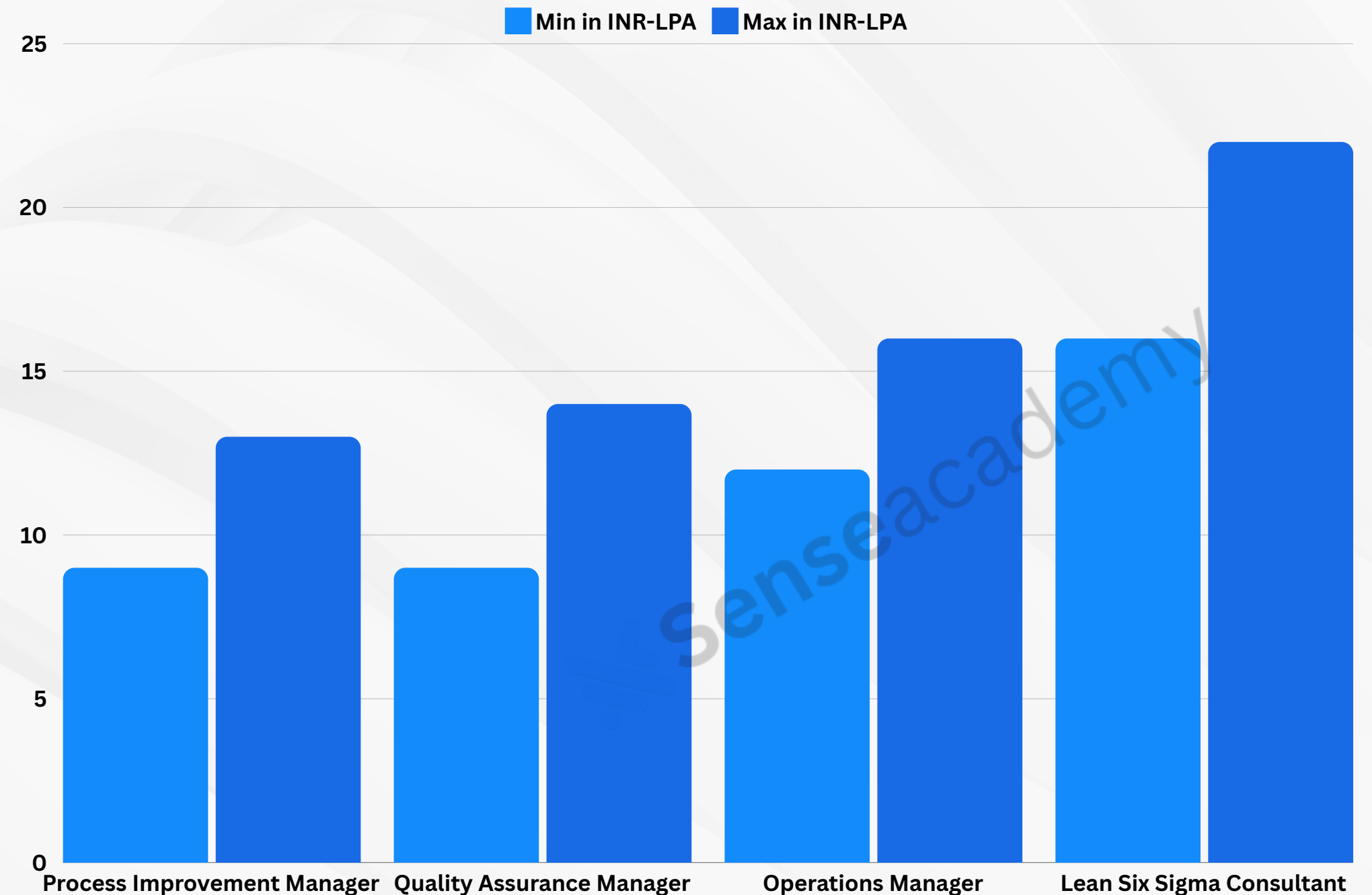
Flexibility - In our academy we propose litheness knowledge choices, counting online courses and in- person training sessions, to quarter learner's plans and favorites.

Interacting Chances - In our academy our course delivers chances for interacting with other CLSSGB specialists, counting teachers and parallel learners. Constructing a specialist's interacting can be precious for occupation progression and on-going education.

Industries Hiring CLSSGBs

- **Manufacturing:** Automotive, aerospace, electronics, consumer goods

- **Healthcare:** Hospitals, pharmaceutical companies, medical device manufacturers

- **Financial Services:** Banks, insurance companies, investment firms

- **Technology:** Software, hardware, semiconductors

- **Government and Public Sector:** Federal, state, local agencies, non-profits

- **Other:** Logistics, energy, utilities

Role-Based Salary Range for CLSSGBs

Legend: ■ Min in INR-LPA ■ Max in INR-LPA

Role	Min in INR-LPA	Max in INR-LPA
Process Improvement Manager	9	13
Quality Assurance Manager	9	14
Operations Manager	12	16
Lean Six Sigma Consultant	16	22

Program Details

Who should go for this Certified Lean Six Sigma Green Belt (CLSSGB) Course?

01 Project Managers

02 Quality Engineers

03 Process Improvement Managers / Operations Managers

04 Business Analysts

05 Consultants

06 Team Leaders

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Certified Lean Six Sigma Green Belt (CLSSGB) Course Module

Module 1 - Six sigma and Organizational Goals

- What is Six Sigma
- Value of Six Sigma
- Organizational drivers and metrics
- Organizational goals and Six Sigma projects

Module 2 - Lean Principles in the organization

- Lean principles in the organization
- Lean concepts and tools
- Value-added and non-value-added activities
- Theory of constraints

Module 3 - Design for Six Sigma (DFSS) in the organization

- Quality function deployment (QFD)
- Design and process failure mode and effects analysis (Failure Modes and Effects Analysis, Design Failure Mode and Effects Analysis & Process Failure Mode and Effects Analysis)
- Road m0aps for DFSS (Design for Six Sigma
- Six Sigma – Define – I

Module 4 - Introduction to the Define Phase

- Process elements
- Identify customers
- Collect customer data
- Analyze customer data
- Translate customer requirements

Module 5 - Project Management Basics

- Project charter and problem statement
- Project scope
- Project metrics
- Project planning tools
- Project risk analysis
- Project closure

Module 6 - Other Tools and Techniques

- Design of Experiments
- Building Charts
- Ten Questions Regarding Six Sigma
- Course Wrap Up

Module 7 - Process Analysis & Documentation

- Process Modelling
- Process Inputs and Outputs
- Probability and Statistics
- Drawing valid statistical conclusions
- Central limit theorem and sampling distribution of the mean
- Basic probability concepts

Module 8 - Collecting and Summarizing Data

- Types of data and measurement scales
- Data collection method
- Techniques for assuring data accuracy and integrity
- Descriptive Statistics & Graphical methods

Module 9 - Lean Process Improvement

- Understanding Lean
- The Toyota Production System
- The Toyota Production System House
- The Five Critical Improvement Concepts
- Understanding Value with the Kano Model
- Types of Waste

- Creating a Lean Enterprise
- The Plan, Do, Study, Act (PDSA) Cycle
- Using the R-DMAIC-S Model
- Lean Thinking Tools
- Kaizen Events
- Data Gathering and Mapping

Skills Covered

Statistical Process Control (SPC) | Data Analysis Techniques (e.g., Hypothesis Testing, ANOVA) | Root Cause Analysis (RCA) | Design of Experiments (DOE) | Lean Six Sigma Methodology | Process Mapping and Flowcharting | Problem-Solving Techniques (e.g., 5 Whys, Fishbone Diagrams) | Measurement System Analysis (MSA) | Risk Assessment and Management | Project Management Fundamentals | Communication and Presentation Skills | Team Leadership and Facilitation | Change Management | Quality Improvement Tools (e.g., Pareto Charts, Histograms) | Six Sigma Tools and Techniques (e.g., DMAIC, DMADV) | Data Collection and Analysis | Benchmarking | Customer Satisfaction Analysis | Continuous Improvement Mindset | Ethical Considerations in Six Sigma

Join Us

Discover a transformative opportunity to elevate your operational efficiency and quality with Senseacademy's comprehensive Certified Lean Six Sigma Green Belt course. Delve into an expertly crafted curriculum designed to equip you with the advanced knowledge and practical skills essential for driving continuous improvement in your organization. Immerse yourself in in-depth training and engaging hands-on exercises to master Lean Six Sigma methodologies, tools, and techniques, including DMAIC, Kaizen, and Value Stream Mapping. Obtain the prestigious certification that definitively validates your expertise and opens doors to a myriad of exciting opportunities in various industries. Embark on a transformative journey to become a highly sought-after Lean Six Sigma Green Belt professional who not only drives operational excellence but also contributes to organizational success through improved quality, productivity, and customer satisfaction.

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CERTIFICATE OF COMPLETION

Participant Name

This is to certify that the candidate has successfully completed an Online Course in **"Certified Lean Six Sigma Green Belt"**. During this Course, he/she showed consistency, determination, and participation and completed all tasks on time.

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Issued Date   Certificate I'd   Managing Director

Our Partners :   EC-Council   ▦ Microsoft   aws partner network   GAQM   CompTIA

Contact Us

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