



associated with



The Professional Certificate Program in

# Certified Lean Six Sigma Yellow Belt (CLSSYB)



# 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 Yellow Belt (CLSSYB) Course

## Overview

The Certified Lean Six Sigma Yellow Belt (CLSSYB) certification introduces professionals to the fundamental concepts of Lean Six Sigma methodologies. It focuses on basic process improvement techniques and tools that help enhance efficiency and reduce waste in various processes. Participants learn to support Green Belt and Black Belt projects by identifying, analyzing, and solving quality issues within their teams. By obtaining the CLSSYB certification, individuals demonstrate their commitment to continuous improvement and their ability to contribute to Lean Six Sigma initiatives, driving better performance and quality within their organizations.

## Course Objectives

- Understand the basic principles and concepts of Lean Six Sigma.
- Learn foundational process improvement techniques and tools.
- Gain skills to identify and analyze quality issues within processes.
- Support Green Belt and Black Belt projects effectively.
- Contribute to Lean Six Sigma initiatives within teams.
- Demonstrate commitment to continuous improvement and operational excellence.



# Why Choose Our Certified Lean Six Sigma Yellow Belt (CLSSYB) Course

**Knowledgeable Trainers** - In our academy we provide trainers who are industrial specialists with wide knowledge in CLSSYB field. 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 liveness knowledge choices, counting online courses and in- person training sessions, to quarter learner's plans and favorites.

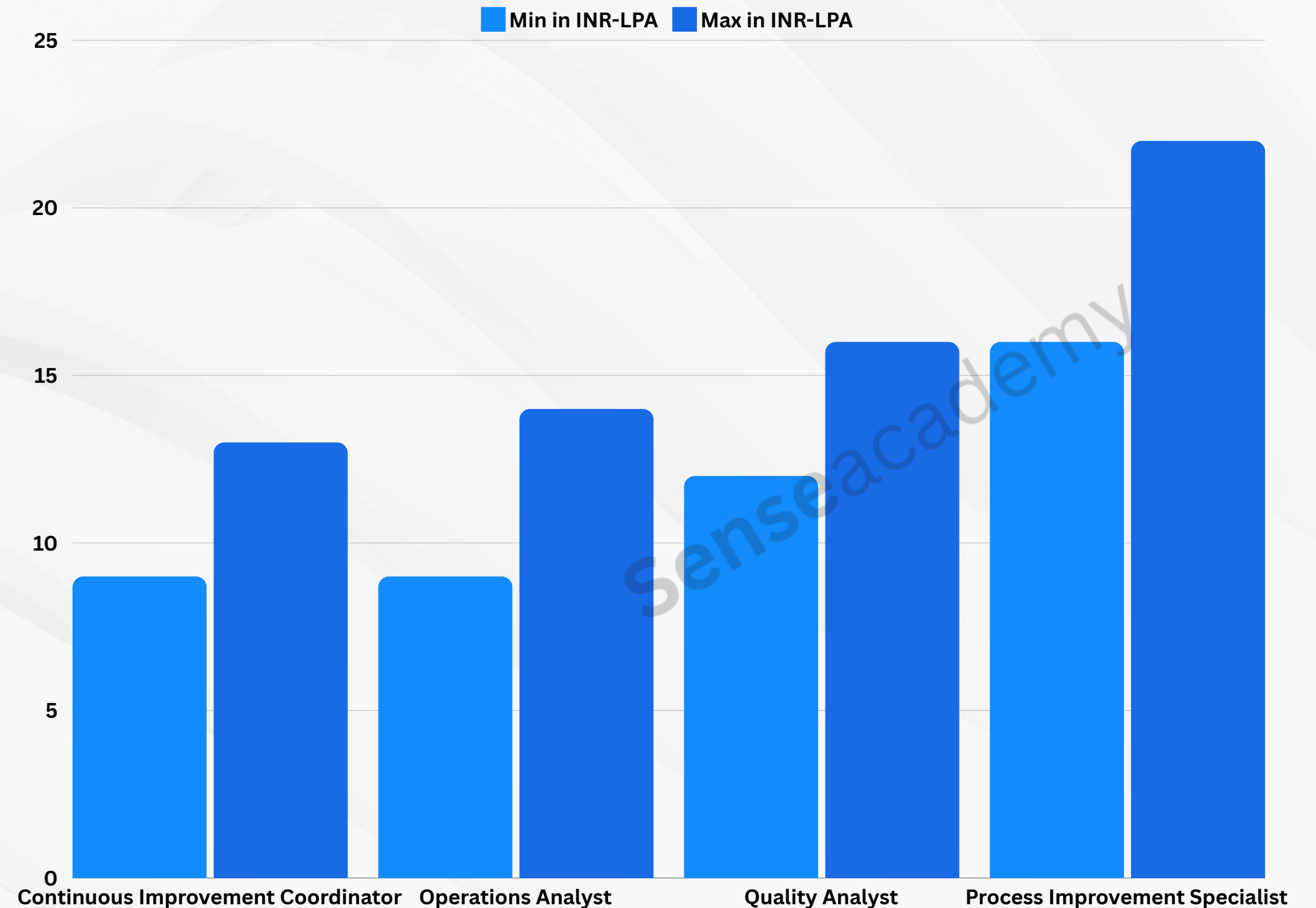
**Interacting Chances** - In our academy our course delivers chances for interacting with other CLSSYB specialists, counting teachers and parallel learners. Constructing a specialist's interacting can be precious for occupation progression and on-going education.



## Industries Hiring CLSSYBs

- **Manufacturing:** Automotive, aerospace, electronics, pharmaceuticals, and food and beverage companies.
- **Healthcare:** Hospitals, clinics, health insurance providers, and pharmaceutical companies.
- **Financial Services:** Banks, insurance companies, and investment firms.
- **Telecommunications:** Telecom providers and internet service providers.
- **Government and Public Sector:** Government agencies and non-profit organizations.
- **Education:** Universities, colleges, and K-12 schools.

## Role-Based Salary Range for CLSSYBs





# Program Details

## Who should go for this Certified Lean Six Sigma Yellow Belt (CLSSYB) Course?

01

Entry-level Employees

04

Operations Staff / Project Team Staff

02

Process Improvement Team Members

05

Business Analysts

03

Quality Analysts

06

Anyone new to Lean Six Sigma methodologies



# Certified Lean Six Sigma Yellow Belt (CLSSYB) Course Module

## Module 1 – Introduction

Six Sigma: Concept and History  
Six Sigma: A Breakthrough Improvement  
Three Sigma vs. Six Sigma  
Six Sigma – Roles and Responsibilities  
How Six Sigma Works

## Module 2 – Define

Team Charter	Project Scope
Business Case	Milestone
Problem Statement	Resource Plan
Goal Statement	Team Charter Format

## Module 3 – Measure

Tools for Measure  
Process Map – Definition

Process Mapping – Need & Benefits  
Process Map – Elements  
High-level Process Map

Process/product Drill-down Tree  
Data Collection Plan  
Process Capability Analysis



## Module 4 – Basic Statistic

Definition – Statistics

Data Types – Discrete and Continuous

Data Types – Differences

Normal Curve

Distribution and its Types

Descriptive Statistics

## Module 5 – Analyze Tools

1st Stage – Histogram

1st Stage – Pareto Chart

1st Stage – Stratification

2nd Stage – Brainstorming

2nd Stage – CED

2nd Stage – Control Impact Matrix

2nd Stage – Five Why Analysis

## Module 6 – Improve

Identify Vital Causes – Scatter Diagram

Identify Vital Causes – Correlation Coefficient

Identify Vital Causes – Regression Analysis

Propose Solutions – Pugh Matrix

## Module 7 – Control

Control Plan & Charts

Control Charts – Appropriate Selection & Types

Individual and Moving Range Charts

Attribute Control Charts

## Module 8 - 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

DMAIC methodology | Process mapping |  
Root cause analysis | Data collection and  
analysis | Statistical tools (e.g.,  
Histograms, Pareto charts), Problem-  
solving techniques | Team collaboration |  
Continuous Improvement Mindset | Basic  
to advance understanding of Six Sigma  
concepts and tools



# Join Us

Discover a transformative opportunity to elevate your Lean Six Sigma journey with Senseacademy's comprehensive Certified Lean Six Sigma Yellow Belt course. Delve into an expertly crafted curriculum designed to equip you with the foundational knowledge and practical skills essential for excelling in the world of process improvement. Immerse yourself in in-depth training and engaging hands-on exercises to master the DMAIC methodology, value stream mapping, root cause analysis, and more. 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 Yellow Belt professional who not only drives efficiency and effectiveness but also contributes to organizational success through continuous improvement.





# Contact Us



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