

Lean Six Sigma Green Belt Certification

Global Certification Program

- ✓ Globally lifetime Valid Certification
- ✓ Lifetime Valid Certification
- ✓ AI based Roleplay & Simulations
- ✓ Two Exam Attempts



An Overview

what you can expect from this program

The GSDC Lean Six Sigma Green Belt certification is a professional credential that validates individuals' proficiency in process improvement methodologies and quality management techniques.

By demonstrating practical skills in applying Lean Six Sigma principles and tools, this certification empowers professionals to drive organizational efficiency, contribute to continuous improvement initiatives, and enhance their career prospects in quality management and project optimization.

	Type	Online self-paced learning, Mocks
	Language	English (including subtitles)
	Access	12 months
	AI based Role play	Prepare yourself for career with AI based roleplay
	Digital certificate upon completion (2 Attempts)	
	Card Payment, Bank Transfer	
	Reading materials & Reference Templates	
	100% money back guarantee*	

GSDC Introduction

Welcome to the Global Skill Development Council (GSDC)!

As an independent, vendor-agnostic certification organization, we empower professionals worldwide.

Leading MNC organizations and global universities recognize our certifications. With a diverse portfolio of over 100+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 50,000 professionals.

Partnered with 50+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

Join us today and let your skills soar to new heights!



Introduction

Lean Six Sigma Green Belt Certification



The GSDC Lean Six Sigma Green Belt Certification is a well-respected certification that acknowledges professionals' proficiency in the Lean Six Sigma methodology. The certification exam evaluates a candidate's knowledge and ability to apply Lean Six Sigma principles, tools, and techniques to practical situations.

To earn this certification, individuals must pass the GSDC Lean [Six Sigma Yellow Belt Certification](#) exam, which is ideal for professionals engaged in process improvement, quality management, and project management. Obtaining this certification demonstrates an individual's commitment to professional development and continuous improvement, validating their expertise in Lean Six Sigma.

The GSDC Lean Six Sigma Green Belt Certification is a valuable certification that can broaden career horizons and help professionals contribute to their organizations' growth. Whether you're just starting your lean [Six Sigma Black Belt Certification](#) journey or aiming for the top, we have you covered with our Yellow Belt certification for beginners and our esteemed Six Sigma Black Belt Certification for the experts.

Learning Objective

- Develop a comprehensive understanding of Lean Six Sigma methodology, tools, and techniques.
- Gain expertise in data analysis and statistical methods for identifying and solving process problems.
- Increase career opportunities and earning potential in process improvement, quality, and project management.
- Improve problem-solving and analytical skills for process improvement and quality management.
- Demonstrate commitment to professional development and continuous improvement in Lean Six Sigma.
- Learn how to lead and contribute to process improvement projects on time and within budget.

OBJECTIVES OF LEAN SIX SIGMA GREEN BELT CERTIFICATION

Curriculum

1. Introduction to Six Sigma and Its Strategic Importance

- Origins and evolution of Six Sigma
- Origins and evolution of Six Sigma
- Key performance parameters and metrics
- Overview of the DMAIC framework
- Enhancing speed, productivity, quality, and profitability
- Continuous improvement vs. breakthrough improvement
- Continuous improvement vs. breakthrough improvement

2. Foundations of Lean Methodology

- Foundations of Lean Methodology
- Core principles of Lean thinking
- Strategic approaches to implementing Lean in organizations
- Key Lean metrics and measurement systems
- Roadmap for successful Lean deployment
- Progress tracking and impact evaluation in Lean transformation

3. Essential Six Sigma Terminology and Metrics

- Stand the critical terminology and metrics used in Six Sigma processes. Defects per Million Opportunities (DPMO)
- Types and sources of variation
- Measuring process capability and performance
- Measuring process capability and performance
- Understanding and calculating yield
- Understanding and calculating yield

4. Define Phase: Framing the Right Project

- Selecting and scoping a Lean Six Sigma project
- Developing a comprehensive Project Charter
- Creating Current State Process Maps
- Applying the Kano Model to identify customer expectations
- Conducting stakeholder analysis and engagement
- Capturing and interpreting the Voice of the Customer (VoC)
- Creating a Critical-to-Quality (CTQ) tree to define measurable goals

5. Measure Phase: Capturing Reliable Data

- Designing an effective Data Collection Plan
- Process mapping for end-to-end activity analysis
- Prioritization matrix to focus on high-impact areas
- Sampling methods for representative data collection
- Conducting Failure Mode and Effects Analysis (FMEA)
- Creating and analyzing Value Stream Maps (VSM)
- Assessing process capability and calculating Process Sigma

6. Analyze Phase: Discovering Root Causes

- Brainstorming methods to uncover potential causes
- Cause-and-Effect (Ishikawa) diagram analysis
- Control Charts and Frequency Plots for visual analysis
- Performing Process Capability Analysis
- Using Pareto Charts to isolate major contributors
- Hypothesis Testing to confirm process assumptions
- Regression Analysis for identifying variable relationships
- Conducting Root Cause Analysis for actionable insights

7. Improve Phase: Designing Effective Solutions

- Identifying improvement opportunities
- Using brainstorming and collaborative tools to develop ideas
- Applying a Weighted Criteria Matrix for solution selection
- Creating a Gantt Chart for implementation planning
- Design of Experiments (DOE) for testing solution impacts
- Mistake Proofing (Poka-Yoke) to prevent errors
- Leveraging additional tools for sustainable improvement

8. Capstone Tools, Certification Prep, and Case-Based Learning

- Six Sigma Green Belt certification exam preparation resources
- Ready-to-use DMAIC templates and checklists
- Real-world case studies from manufacturing, services, and healthcare
- Practical exercises and simulations to reinforce core concepts
- Digital toolkits for data collection, process mapping, and control planning
- Success stories and lessons learned from completed Six Sigma projects

Unleash Unlimited Potential

All GSDC certifications come with a lifetime membership, offering you a world of benefits to fuel your professional growth.



Expert Created Learning Material

Learn from knowledge shared by Top Industry Experts with 15+ yrs of experience.



Access to Global Conferences

Be a part of GSDC thriving learning community around the world, sharing knowledge from across the world.



Speaker invites @ GSDC Webinar Series

Share your knowledge with world at GSDC global webinar series, share your expertise and learn from others.



Downloadable Resources

Get access to templates and reference documents which will help you to do your day to day tasks easier.



Certificate Upgrades

Get complimentary certificate upgrades to keep up with the latest updates in processes and frameworks.



Newsletters, blogs with industry insights

Get newsletters, announcements and articles curated by experts direct to your inbox.



AI Based Role Play

Learn to implement applicability of knowledge with real life simulation based games.

What You Get In this Certification Program?

- Engaging digital learning videos
- Exclusive access to Global thought leader sessions & case studies
- Downloadable and implementable resources to support practical application
- Two mock exams with unlimited attempts for comprehensive preparation
- Certification exam voucher with 1-year validity
- Two attempts for certification exam

What our Candidates Saying?

We greatly appreciate the feedback from our program participants on Trustpilot. With an impressive average rating of 4.7 out of 5, their reviews highlight the positive experiences and value they have gained from our program.



Global Skill Development Council - GSDC
 Reviews 178 • Excellent
 4.7 ⓘ
 VERIFIED COMPANY



chandrakaran j
 2 reviews • IN
 Jul 18, 2023
 ★★★★★
I had a experience with GSDC with their...
 I had a experience with GSDC with their SRE course and it was very good. The speakers were very knowledgeable and kept it very interactive. Thanks the GSDC team for this!
 Date of experience: April 13, 2023



Tosin Olaniji
 1 review • NG
 Jul 11, 2023
 ★★★★★
The learning portal was so seamless
 The learning portal was so seamless, and user friendly. The course are so detailed, easy to understand, great lecturers. Safe to say the best learning platform I've used so far. I would recommend learning from GSDC to anyone. You sure will get a value for your money.
 Date of experience: July 08, 2023



Amani
 1 review • AE
 Aug 15, 2023
 ★★★★★
Certified Learning & Development Professional CLDP
 I took the certification course "Certified Learning & Development Professional CLDP" approved by the GSDC - Global Skill Development Council. So grateful to the professional team at the GSDC for this enlightening opportunity; namely, Ruguzeno, for her dedication, responsiveness, and constant support throughout this learning journey. And very special thanks to the amazing trainer and coach Deepak Sharma for the great weekly live sessions which I believe are the highlight of this certification programme. His knowledge, expertise, and outstanding skills have made the course very insightful, engaging, and enjoyable!
 Date of experience: July 21, 2023



Majid
 1 review • IN
 Sep 25, 2023
 ★★★★★
GSDC has been doing a great job in making learners gain knowledge!
 GSDC has been doing a great job in making the learners find right opportunities to gain knowledge for business! These two days were filled with knowledge and insights!
 Date of experience: September 25, 2023



Expert-Led Generative AI: Learn, Connect, Grow



Interactive Learning Experience:

Ask questions, discuss case studies, and receive implementation guidelines directly from expert, enhancing your understanding of complex AI topics



Lifelong Learning Journey:

Enjoy lifetime access to these sessions, ensuring you stay updated with the latest trends and continuously grow your AI expertise



Career-Boosting Network:

Connect with fellow professionals in the field, creating valuable relationships that can propel your career in the world of Generative AI

AI-Based Interview Practice Platform



- Engage With Real Time AI Interview Questions.
- Practice Questions Tailored with Your Expertise.
- Validate your Knowledge of subject Matter.

Capstone Project



- Apply Your Skills in Real World Scenario.
- Learn Methodologies Aligned to Your Expertise.
- Validate Skills and Knowledge Gained through the Certification.
- Showcase Expertise via a Capstone Project.

Enrollment-Options

Option-1

Certified in Lean Six Sigma Green Belt Certification With E-Learning

Fast-track your career by learning a new skill and earning a certificate

- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-2

Bundle

**Create your own bundle with
3 certification program**

- ✓ 3 Certification Program
- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-1 Certified in Lean Six Sigma Green Belt Certification with E-Learning

Certified In Lean Six Sigma Green Belt Certification with Digital Learning

Fast-track your career by learning a new skill and earning a certificate

- ✓ E-Learning from Industry Experts
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ Downloadable Resources



Option-2

Make Your Own Certified in Lean Six Sigma Green Belt Certification Bundle

**Enrich your skills and advance your career with our exclusive bundle.
Get certified in the following:**

- Certified Agile ITSM Manager
- Certified Agile Scrum Foundation
- Lean Six Sigma Yellow Belt Certification
- Certified Agile Project Management
- Lean Six Sigma Black Belt Certification

Expand your expertise, design impactful learning experiences, and master your skills.

BUY ANY

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CERTIFICATIONS

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Unlock Workforce Potential Through Skill Validation!

Enroll now with the code **UPSKILL10** To avail 10% discount.

Register Now



100%
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GUARANTEE

100% Money Back Guarantee!

At GSDC, quality is our top priority. Our certification programs are designed to foster professional growth and ensure learning satisfaction. If you do not pass the certification exam after two attempts, we offer a 100% money-back guarantee.

- No Questions Asked*
- 100% Amount Refund*
- No Processing Fees*

Thank You



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