



EDDS Consulting facilitates organizations and individuals in performance excellence through **CONSULTING, TRAINING** and **CERTIFICATIONS** in Project Management | Lean Six Sigma | IT | Sales & Marketing | Negotiation | Business Intelligence.

We have a growing list of satisfied clients in and outside Pakistan.

Talents Gateway is our online Talents Shop & **Talents Park** is our online Learning Management System.

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LEAN SIX SIGMA CERTIFICATION COURSES

Yellow Belt | Green Belt | Black Belt



Six Sigma – What and Why?

What is 6 Sigma?

Six Sigma is a project-based methodology for increasing efficiency and effectiveness. It is a method for enhancing the performance of processes, products, or services that is rigorous, customer-focused, and data-driven.

Why use Six Sigma?

Lean Six Sigma is not just for manufacturing environments.

Six Sigma projects help hospitals reduce patient wait times, manufacturers reduce defects, billing hours are reduced, and hotel customers have a better experience. Six Sigma works, and we are excited to show you how it works.

What you Get?

1. Gain Practical Six Sigma Skills

Get **practical skills** to improve the effectiveness of your processes, products, and services that have **significant financial impact on business**.

2. Validate Your Skills

Six Sigma Certification Courses provide you validation of your experiences and skills as a professional capable of delivering high quality and continuous improvement.

3. Free Online LMS Access

All Certification courses are accompanied with a **FREE** access to our Online Learning Management System (LMS) which includes **lectures, study guides and quizzes** to further reinforce concepts in Six Sigma.

4. Course participation E-Certificate

An e-certificate verifying course participation will be issued after successful completion of the course.

5. Certification Exam & Credential Certificate

The course fee will include access to an online proctored **Six Sigma certification exam** at the conclusion of the course. If you pass, you will receive an instant **Credential e-certificate** proving your certification. You will also receive a **Physical Credential Certificate** at your mailing address.

Six Sigma Yellow Belt

Course: SIX SIGMA YELLOW BELT

Learning Objectives

- What is Six Sigma?
- Key concepts such as $Y = f(x)$ and sigma level
- Selecting Six Sigma projects and team members
- Planning in the Define phase
- Gathering data in the Measure phase
- Analyzing data in the Analyze phase
- Evaluating solutions in the Improve phase
- Developing a control plan in the Control phase

Full Course Contents

OVERVIEW

- Improve performance with Six Sigma

INTRODUCTION TO SIX SIGMA

- What is Six Sigma?
- An overview of DMAIC
- Key roles of executives and champions
- Levels of expertise

KEY CONCEPTS IN SIX SIGMA

- Critical to quality metrics
- Variation and the normal curve
- Defects per million opportunities
- Sigma levels

SELECTION OF SIX SIGMA PROJECTS

- Identify potential projects
- Select the Six Sigma team

DEFINE PHASE

- Steps in the Define phase
- Problem and goal statements
- Complete the project charter
- How to use SIPOC diagrams

MEASURE PHASE

- Steps in the Measure phase
- How to map the current process
- Plan for data collection
- Types of data and graphs
- Measurement system analysis
- Process capability and sigma level

Six Sigma Yellow Belt

ANALYZE PHASE

- Steps in the Analyze phase
- How to use the cause-effect diagram
- Introduction to hypothesis testing
- Data collection in the Analyze phase
- How to analyze graphs and charts
- How to analyze process maps

IMPROVE PHASE

- Steps in the Improve phase
- Generate, evaluate, and select solutions
- Reduce the risk of failure through FMEA
- Mistake proofing
- Pilot test and implement

CONTROL PHASE

- Steps in the Control phase
- How to use SPC charts
- The control plan
- Engage in Six Sigma projects



Lean Six Sigma Green Belt

Course: LEAN SIX SIGMA GREEN BELT – COMPREHENSIVE LEARNING PACKAGE

This course has been designed to create highly capable Six Sigma professionals who can deliver real life improvements in their workplaces. **The course is well planned to prepare the trainee for a certification exam through any certifying authority (6sigmastudy, ASQ, IASSC, etc).**

We also provide Certification Exam access through our Partner 6Sigmastudy. We are an **Authorized Training Partner** with VMEdU Inc, a global certification training provider.

LEAN SIX SIGMA GREEN BELT COURSE OPTIONS

OPTION 1

Instructor-led Virtual Class + Online LMS access + Certification Exam access

1. This option allows you to attend an instructor-led virtual class.
2. You will get 180 days access to our online LMS with additional recorded lectures and quizzes to further reinforce concepts.
3. You will get access to Certification Exam (no additional fee). The Certifying Authority is 6Sigmastudy, by VMEdU Inc., USA. We are

Authorized Training Partner with VMEdU Inc.

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OPTION 2

Instructor-led Virtual Class
This option allows you to attend an instructor-led virtual class.

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OPTION 3

Online LMS access + Certification Exam access

1. You will get 180 days access to our



Lean Six Sigma Green Belt

online LMS with additional recorded lectures and quizzes to further reinforce concepts.

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COURSE CONTENTS

The course comprises of 13 modules, designed to fully equip the trainee to successfully deliver improvement projects.

MODULE 1:

FUNDAMENTALS OF OPERATIONAL EXCELLENCE

Use the principles of operational excellence to deliver more value; improve processes, products, and services; and increase and sustain your competitive advantage.

[Full contents...](#)

MODULE 2: SIX SIGMA FOUNDATIONS

Learn how to use Six Sigma to drive improvements in the performance of your processes,

products, and services.

[Full contents...](#)

MODULE 3: LEAN SIX SIGMA: DEFINE AND MEASURE TOOLS

Learn essential skills to be an effective team member on a Lean Six Sigma project team. Explore key tools and techniques in the define and measure phases of the DMAIC.

[Full contents...](#)

MODULE 4: LEAN SIX SIGMA: ANALYZE,

Lean Six Sigma Green Belt

IMPROVE, AND CONTROL TOOLS

Learn essential skills to be an effective team member on a Lean Six Sigma project team. Explore key tools and techniques in the analyze, improve, and control phases of the DMAIC.

[Full contents...](#)

MODULE 5: OPERATIONAL EXCELLENCE: WORKOUT AND KAIZEN FACILITATOR

Learn how to plan, lead, and facilitate Lean Six Sigma Work-Outs, Kaizen, or rapid improvement events to achieve operational excellence.

[Full contents...](#)

MODULE 6: STATISTICS FOUNDATIONS 1

This module provides practical, example-based learning of the intermediate skills associated with

statistics: samples and sampling, confidence intervals, and hypothesis testing.

[Full contents...](#)

MODULE 7: STATISTICS FOUNDATIONS 2

Complete your mastery of statistics. Get an advanced understanding of concepts such as T-distribution, degrees of freedom, chi-square testing, regression testing, and ANOVA.

[Full contents...](#)

MODULE 8: LEARNING MINITAB

Discover Minitab for statistical analysis and data-driven decision-making. Learn about the charts, graphs, descriptive and inferential statistics features, and reports in Minitab.

[Full contents...](#)

MODULE 9: SIX SIGMA GREEN BELT

Learn what you need to operate as a Six Sigma Green Belt. This course covers measurement system analysis, descriptive

Lean Six Sigma Green Belt

statistics, hypothesis testing, experiment design, and more.

[Full contents...](#)

MODULE 10: LEADING PRODUCTIVE MEETINGS

Discover how to get the most from your meetings—turning them into productive avenues for communicating, connecting, and accomplishing real work.

[Full contents...](#)

MODULE 11: PROJECT MANAGEMENT FOUNDATIONS: TEAMS

Explore tools leaders can use to assess the character traits of team members and manage the development of teams.

[Full contents...](#)

MODULE 12: PROJECT MANAGEMENT

FOUNDATIONS: COMMUNICATION

Learn communication strategies to help you keep your projects on track. See how to create a communication plan, effectively manage project meetings, and write concise reports.

[Full contents...](#)

MODULE 13: CHANGE MANAGEMENT FOUNDATIONS

Learn how to assess your organization's readiness for change and apply a powerful, step-by-step approach to help employees make changes that stick.

[Full contents...](#)



Instructor

Syed Rehan Ali

Founder, EDDS Consulting
Chief Consultant and Trainer

Syed Rehan Ali is the Founder of EDDS Consulting, Talents Gateway and Talents Park. He is a Master Engineer and an Entrepreneur with over 20 years of experience. Has accredited skills in Lean Six Sigma, project management, and business intelligence, allowing him to turn organizations and individuals into high-performance entities. He has trained over 1500 professionals and provided over 9500 hours of consulting services to businesses in Enterprise Lean Six Sigma Transformation and Business Intelligence systems design and deployment. He speaks regularly at various forums: Chambers of Commerce and Industry and Universities. EDDS Consulting is registered with Ministry of Industries and Production as 'Management Consulting and Training' service provider for local Small and Medium Enterprises (SMEs).

He provides free training to charities and social welfare organizations, especially in education and health care, where possible.

LinkedIn Profile: [in](#)

Contact details for Registration

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