

LEAN SIX SIGMA

# MASTER COURSE

The complete pathway — Green Belt and Black Belt mastery in one integrated, best-value program.

*Dual certification. One streamlined journey from foundations to advanced leadership.*

40 HOURS · LIVE INSTRUCTOR-LED · GLOBALLY ACCREDITED

**40 Hrs**

LIVE TRAINING

**2-in-1**

GREEN + BLACK BELT

**5 / 5**

LEARNER RATING

PROGRAM GUIDE & CURRICULUM

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## LEADERSHIP

## Meet the Founder



### AMOL S. PANDIT

**Founder & CEO, Omnilearn Professionals Pvt. Ltd.**

Masters in Mechanical Engineering — BITS Pilani  
CSSC-Accredited Lean Six Sigma Master Black Belt  
Agile Scrum Master · Certified Business Analyst  
**Recipient, Indian Achievers' Award 2024–25**

Amol S. Pandit is the founder and CEO of Omnilearn Professionals Private Limited, a global professional-training and corporate-learning organisation focused on building future-ready talent. He holds a master's degree in Mechanical Engineering from BITS Pilani and brings deep expertise across engineering, quality systems, and organisational excellence.

With a decade of experience as an engineer in the Ministry of Civil Aviation, he gained first-hand exposure to quality management, regulatory compliance, and operational governance. He later transitioned into professional training and consulting — specialising in Lean Six Sigma, project management, business analytics, and leadership development — delivering programs for Fortune 500 companies and leading institutions.

As a certified Lean Six Sigma Master Black Belt, Amol has personally mentored thousands of professionals on real-world improvement projects. Under his leadership, Omnilearn has become a trusted global learning partner across multiple high-impact domains.

## WHO WE ARE

## About Omnilearn

Omnilearn Professionals Private Limited is a global professional-training and corporate-learning organisation focused on building future-ready skills for individuals and enterprises. With a presence across India, the UAE, and Canada, Omnilearn delivers industry-relevant classroom and corporate training spanning quality management, Lean Six Sigma, project management, data science, AI & ML, SAP, IT, and leadership development.

Our hands-on, outcome-driven approach combines live instructor-led sessions, real-world projects, and end-to-end career support — including ATS-ready resume building, interview preparation, and placement assistance. Omnilearn's mission is to empower professionals with globally relevant skills that drive measurable business impact and long-term career growth.

**12,000+**PROFESSIONALS  
TRAINED**4.9 / 5**AVERAGE LEARNER  
RATING**300+**HIRING & INTERNSHIP  
PARTNERS**3**OFFICES IN  
COUNTRIES

## THE PROGRAM

# About the Program

The Omnilearn Lean Six Sigma Master Course is the complete process-excellence pathway – combining Green Belt and Black Belt expertise into a single, integrated 40-hour program that takes you from foundational concepts to expert-level mastery.

This is the most comprehensive and best-value way to become a Lean Six Sigma expert. You'll build a rock-solid DMAIC foundation, advance into sophisticated analytics and Design of Experiments, and develop the leadership and change-management skills that define a true process-excellence leader – all in one streamlined journey, without enrolling in two separate courses.

You'll earn dual globally recognised certification – Green Belt and Black Belt – and finish with an integrated Master capstone that demonstrates your ability to lead improvement across the entire organisational lifecycle. It's the definitive credential for professionals serious about a career in operational excellence.

## Program at a Glance

**Certification Level:** Lean Six Sigma Master – Green Belt + Black Belt (Dual Certification)

**Live Training:** 40 hours of live, instructor-led sessions

**Methodology:** DMAIC – Define, Measure, Analyze, Improve, Control & DFSS- Design for Six Sigma

**Format:** Live online · weekend & weekday batches · lifetime recordings

**Tools:** Minitab, Excel & the analytical toolkit used on live projects

**You'll Walk Away With:** complete Lean Six Sigma mastery, dual Green Belt + Black Belt certification, and an integrated Master capstone for your portfolio.

## IS THIS FOR YOU?

## Who Should Enroll

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The Master Course is designed for ambitious professionals who want the complete Lean Six Sigma skill set – from fundamentals to advanced leadership – in one program. No prior Six Sigma experience is required.

- Professionals who want both Green Belt and Black Belt expertise in a single pathway
- Operations, quality, and transformation leaders building a complete process-excellence skill set
- Engineers, analysts, and managers aiming for senior improvement and consulting roles
- Career changers seeking the most comprehensive, globally recognised Six Sigma credential
- Anyone who wants the best-value route from beginner to certified Black Belt

## OUTCOMES

## What You'll Achieve

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- Master the complete DMAIC methodology – from foundations to advanced application
- Apply the full analytical toolkit, including DOE, regression, and advanced SPC
- Lead enterprise-scale improvement projects and mentor improvement teams
- Earn dual certification – Lean Six Sigma Green Belt and Black Belt
- Complete an integrated Master capstone spanning the full improvement lifecycle

## WHAT YOU'LL MASTER

# Course Curriculum

The Master Course delivers the complete pathway in two integrated stages – the Green Belt foundation and Black Belt mastery – finishing with a culminating Master capstone for end-to-end process-excellence expertise.

## Stage 1 – Green Belt Foundation

Build the core DMAIC foundation – the essentials every process-excellence leader needs.

### Module 1 – Introduction to Lean Six Sigma

- History and evolution of Lean, Six Sigma, and Lean Six Sigma
- Lean thinking vs Six Sigma – philosophies and when to apply each
- Belt roles and responsibilities (White, Yellow, Green, Black, Master Black Belt)
- Cost of Poor Quality (COPQ) and building the business case for quality
- Lean 5 Principles: Identify Value, Value Stream Mapping, Create Flow, Enable Pull, Seek Perfection
- The 3M's of Lean, 8 wastes (DOWNTIME) and value-added vs non-value-added activity
- Lean Tools: 5S+1, Toyota Production System: Heijunka, Standardized work, Kaizen and Kaizen Blitz, Jidoka, Poka-Yoke, Just In Time, Kanban, Theory of Constraints

### Module 2 – Define Phase

- Six Sigma Framework: DMAIC, DMADV & IDOV
- Key Terms in Six Sigma: Specification limits, Opportunity, Defect, Defective, Rolled Throughput Yield, DPMO, DPU, DPO, Yield, Sigma level calculation using Excel formula
- Building the project charter, business case, problem and goal statements
- Voice of the Customer (VOC) and translating needs into CTQs
- Affinity Diagram and Pareto Analysis
- SIPOC and high-level process mapping
- Stakeholder analysis and project scoping

### Module 3 – Measure Phase

- Basic Statistics: Central Tendency and Dispersion
- Normal and Non-Normal Data using Bell Curve and Anderson Darling Normality Test
- Detailed process mapping and value-stream basics

- Fishbone diagram and 5 Why Analysis
- Data-collection planning, data types, and operational definitions
- Sampling strategies and introduction to Measurement System Analysis (MSA)
- Descriptive statistics and data visualisation

#### Module 4 – Analyze Phase

- Run Chart
- Process capability Analysis – Cp and Cpk
- Root-cause analysis for Normal Data
- Introduction to hypothesis testing (F Test, 2T Sample Test, ANOVA, Z Test, Paired T Test)
- Correlation and identifying relationships in data

#### Module 5 – Improve Phase

- Structured brainstorming and solution generation
- Solution prioritisation and selection (X&Y Relationship Matrix)
- Failure Mode and Effects Analysis (FMEA)
- Poka-Yoke (mistake-proofing) and pilot planning
- Statistical Validation of the solution (Overview)

#### Module 6 – Control Phase

- Statistical Process Control (SPC) and control charts
- Control plans and standard operating procedures (SOPs)
- Sustaining gains and process handover
- Documenting and closing the project

#### Module 7 – Tools & Green Belt Capstone

- Hands-on practice with Minitab and Excel for Six Sigma
- Applying the toolkit to a real-world business scenario
- Green Belt capstone project – full DMAIC application
- Project presentation and certification readiness

## Stage 2 – Black Belt Mastery

Advance into expert-level analytics, Design of Experiments, and change leadership.

### Module 1 – Black Belt Leadership & Strategy

- The Black Belt role in enterprise process excellence
- Project and portfolio selection aligned to business strategy
- Financial benefit, ROI, and impact estimation
- Six Sigma deployment models and governance

### Module 2 – Advanced Define & Measure

- Advanced Voice of the Customer and the Kano model
- Advanced Measurement System Analysis and Gage R&R
- Advanced process capability and sigma-level analysis
- Refining the project charter for complex problems

### Module 3 – Advanced Analyze

- Hypothesis testing in depth (Normal and Non-Normal Data)
- Non-parametric tests (Mann-Whitney & Kruskal Wallis/Moods Median) and when to apply them
- Regression analysis – simple and multiple
- Multi-vari studies, confidence intervals, and statistical power

### Module 4 – Design of Experiments (DOE)

- Principles of experimental design
- Full and fractional factorial experiments
- Response Surface Methodology (RSM)
- Planning, running, and analysing experiments

### Module 5 – Advanced Improve & Lean

- Advanced FMEA and risk-based improvement
- Value-Stream Mapping (VSM) and flow optimisation
- Pilot Solution
- Statistical Validation using Hypothesis Testing (Poisson Test, Proportion Test, 1 Sample T test, 1 Sample Sign Test, 1 Variance Test)

### Module 6 – Advanced Control

- Advanced Statistical Process Control techniques
- Robust control plans and monitoring systems

- Sustainment strategies and process governance
- Control Charts: I-MR, XbarR, XbarS, C Chart, U Chart, P Chart, Np Chart

### Module 7 – Leadership, Change & Mentoring

- Change management with the ADKAR model
- Facilitation, influence, and stakeholder leadership
- Coaching and mentoring Green Belts
- Executive data storytelling and communicating results

### Module 8 – Black Belt Capstone

- End-to-end Black Belt capstone on a complex, high-impact project
- Advanced analysis and statistical validation
- Executive-level presentation and certification readiness

## Stage 3 – Integrated Master Capstone

Bring it all together on a culminating, mentor-reviewed improvement project.

### Capstone – Integrated Master Project

- A culminating project that spans the full improvement lifecycle
- Combine Green Belt foundations with Black Belt advanced analytics
- Mentor-reviewed delivery with executive-level presentation
- Master-level certification readiness and portfolio sign-off

## WHAT'S INCLUDED

# Your Omnilearn Advantage

Every Master Course enrolment is built to take you from learning to doing – and from certified to hired. Here's everything you get:

**01 40 Hrs Live Instructor-Led Training**

Real-time, interactive virtual-classroom sessions – never pre-recorded. Ask questions and solve problems live with your trainer and peers.

**02 Master Black Belt Trainers (15+ Yrs)**

Learn directly from CSSC & IASSC -accredited Master Black Belts/Black Belts with 15+ years of hands-on industry and consulting experience.

**03 Real-Time Industry Exposure**

Work on live business scenarios and case studies that mirror the exact challenges you'll solve on the job.

**04 Hands-On Capstone Project**

Apply the full DMAIC cycle end-to-end on a mentor-reviewed capstone that becomes portfolio-ready proof of your skills.

**05 Globally Recognised Certification**

Earn an industry-accredited, globally recognized Lean Six Sigma certificate with barcode/QR verification, enhancing your CV, LinkedIn profile, and professional credibility worldwide.

**06 Lifetime Access to Recordings**

Keep lifetime access to every live recording, slide deck, template, dataset, and tool – revise anytime, forever.

**07 24\*7 Learner Support**

Round-the-clock support for doubts, technical help, and guidance throughout your journey – and beyond.

**08 Flexible Weekend & Weekday Batches**

Learn around your job with schedules built for working professionals.

## 09 Complimentary Career Toolkit — included free

Go beyond certification with three career-acceleration add-ons, included at no extra cost:

### Career Toolkit — Included Free

- ▶ **ATS-Optimised Resume Building** — A professionally built, recruiter-ready resume engineered to pass every applicant-tracking and resume-screening system.
- ▶ **Advanced Excel & Power BI** — A self-paced course to sharpen the data and dashboarding skills that supercharge every Six Sigma project.
- ▶ **Communication & Interview Prep** — Self-paced corporate-communication and interview-preparation training to help you land and ace the role.

YOUR PATHWAY

# Certification Process

- 1

**Counselling & Enrolment**

Speak with a learning advisor, choose the right belt for your goals, and complete a simple enrolment.
- 2

**Engage in Live Learning**

Attend live instructor-led sessions, participate in discussions, and complete every guided exercise and assignment.
- 3

**Complete Your Capstone and Pass Final Assessment**

Apply DMAIC end-to-end on a real-world capstone project, reviewed and validated by your mentor. Pass a MCQ based assessment.
- 4

**Earn Global Certification**

Receive your globally accredited Omnilearn certificate – with support to showcase it on your CV and LinkedIn.

## CAREER OUTCOMES

# Placements & Hiring Partners

Process-excellence skills are in demand across every industry. Omnilearn backs your learning with 100% placement assistance and a strong network of 300+ placement and internship partners – with 5,000+ professionals already placed across leading organisations.

<b>100%</b> PLACEMENT ASSISTANCE	<b>5,000+</b> PROFESSIONALS PLACED	<b>300+</b> HIRING PARTNERS
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Our learners build careers at organisations such as:

Deloitte	EY	KPMG
PwC	Accenture	Capgemini
TCS	Infosys	Wipro
Cognizant	HCLTech	Tech Mahindra
IBM	Genpact	Chevron
Bosch	Flipkart	Amazon
Qatar Airways	Boeing	DHL
General Electric	JP Morgan Chase	Novartis
Sun Pharma	Britannia	Raymond

## RECOGNITION

# Achievements

Omnilearn and its founder have been recognised for excellence in professional education and skill development.

## ★ Indian Achievers' Award 2024–25

Awarded to Amol S. Pandit, Founder & CEO, in recognition of outstanding professional achievement and contribution towards nation-building through education and skill development.

## IN THEIR WORDS

# Learner Reviews

*"I started with minimal knowledge of Lean Six Sigma, and by the end of the program, I was confidently working on improvement projects."*

**Vijay Singh** Operations Analyst ★★★★★

*"The live interactive sessions kept everyone engaged. The trainer ensured that every participant understood the concepts thoroughly."*

**Hamad Al Shamsi** Quality Engineer ★★★★★

*"It was the best experience to learn the Lean Six Sigma course from Amol sir. Thank you so much for giving us such a great opportunity."*

**Chandrani Gosh** Supply Chain Analyst ★★★★★

*“Excellent training delivery by Mr. Amol with a perfect balance of theory and practical applications. His industry experience added tremendous value to the sessions.”*

**Amanpreet Singh** Process Excellence Lead ★★★★★

*“The combined Green Belt and Black Belt program was structured exceptionally well. The practical examples and case studies helped me understand how to apply Lean Six Sigma in real business situations.”*

**Manisha Garg** Sr. Manager Operational Excellence ★★★★★

*“One of the most valuable professional certifications I have completed. The real-life case studies were particularly insightful.”*

**Rashid Al Kaabi** Quality Manager ★★★★★

*“The trainer explained complex Black Belt concepts in a very simple manner. Excellent course structure and support throughout.”*

**Saeed Al Dhaheri** Project Manager ★★★★★

See more verified learner reviews: [theomnilearn.com/courses](https://theomnilearn.com/courses)

TAKE THE NEXT STEP

## Get in Touch

### Ready to become a Lean Six Sigma Expert?

Talk to a learning advisor today and reserve your seat in the next Master Course cohort.

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