



# INDIAN SIX SIGMA INSTITUTE

(Member of Indian Strategy Institute (ISI))

Accredited by ISO, IDSI, IRSPI

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# Lean Six Sigma Certification Programme



2025 | POWERED BY INDIAN STRATEGY INSTITUTE (ISI)

<https://isi-web.in>





**Lean Six Sigma  
means continuous  
improvement through  
efficiency, quality,  
and data-driven  
decision-making**

About ISI: The **Indian Strategy Institute (iSI)** is a leading professional institute dedicated to building excellence in **business strategy, leadership, and organizational transformation**. iSI aims to develop visionary leaders and strategic thinkers who can drive growth, innovation, and long-term competitiveness in today's dynamic global environment.

**ISI (Indian Strategy Initiatives)** is the umbrella brand comprising three specialized institutes:

1. **Indian Six Sigma Institute (ISI)** – Focused on Lean Six Sigma certifications and process excellence.
2. **Indian Digital Strategy Institute (IDSI)** – Driving digital transformation through data, analytics, and AI.
3. **Indian Risk & Strategy Planning Institute (IRSPI)** – Building resilience with risk management and strategic planning.



## The **Lean Six Sigma Certification Programme** consists of **five specialized levels**:

1. **Lean Six Sigma Green Belt (LSSGB)** – For professionals seeking to lead process improvement projects at the operational level.
2. **Lean Six Sigma Black Belt (LSSBB)** – For those aiming to manage complex projects and mentor Green Belts.
3. **Lean Six Sigma Master Black Belt (LSSMBB)** – For experienced Black Belts focused on enterprise-wide improvement and strategy.
4. **Lean Six Sigma Strategic Champion (LSSSC)** – For senior leaders driving organizational transformation through Lean Six Sigma initiatives.
5. **Lean Six Sigma Deployment Leader (LSSDL)** – For managers responsible for deploying and sustaining Lean Six Sigma across the organization.



# LEAN SIX SIGMA PROGRAMME

## OBJECTIVE

The **Lean Six Sigma Programme** aims to equip professionals with the skills, tools, and methodologies to **improve process efficiency, enhance quality, and drive measurable business results**. It fosters a culture of continuous improvement and empowers learners to lead projects that deliver sustainable organizational impact.

## WHO CAN LEARN & ELIGIBILITY CRITERIA

- **Who Can Learn:** Graduates, working professionals, managers, and leaders across industries seeking process improvement, operational excellence, and career advancement.
- **Eligibility Criteria:**
  - **Green Belt:** Open to all graduates and professionals.
  - **Black Belt:** Professionals with Green Belt certification or equivalent experience.
  - **Master Black Belt:** Experienced Black Belts aiming for enterprise-level leadership.
  - **Strategic Champion & Deployment Leader:** Senior managers and decision-makers responsible for strategy and organizational transformation.

## PROGRAMME METHOD

ISI offers a **flexible Two-Way Learning Method**, allowing learners to choose the approach that best suits their schedule and learning style:

1. **Self-Study + Direct Exam** – Ideal for self-motivated professionals who prefer independent learning and wish to validate their knowledge directly through the certification exam.
2. **Training Session + Exam** – Perfect for learners seeking **guided instruction, interactive sessions, and hands-on practice** before taking the certification exam.

This dual-approach ensures that every learner can achieve **globally recognized Lean Six Sigma certification** at their own pace.



# PROGRAMME DETAILS

The details of the course covered is provided below:

## 1. LEAN SIX SIGMA GREEN BELT (LSSGB) – KEY TOPICS

- Introduction to Lean and Six Sigma concepts
- DMAIC methodology (Define, Measure, Analyze, Improve, Control)
- Process mapping and value stream analysis
- Basic statistical tools and data analysis
- Root cause analysis and problem-solving techniques
- Control charts and basic process monitoring
- Team roles and project management fundamentals

## 2. LEAN SIX SIGMA BLACK BELT (LSSBB) – KEY TOPICS

- Advanced DMAIC and Lean tools
- Hypothesis testing and advanced statistical analysis
- Design of Experiments (DOE)
- Process capability and performance measurement
- Failure Mode and Effects Analysis (FMEA)
- Project selection and prioritization
- Mentoring Green Belts and leading project teams

## 3. LEAN SIX SIGMA MASTER BLACK BELT (LSSMBB) – KEY TOPICS

- Enterprise-wide Lean Six Sigma deployment strategies
- Advanced statistical modeling and predictive analytics
- Strategic project portfolio management
- Change management and cultural transformation
- Training and mentoring Black Belts and Green Belts
- Governance, audits, and organizational metrics alignment
- Business strategy integration and ROI calculation

## 4. LEAN SIX SIGMA STRATEGIC CHAMPION (LSSSC) – KEY TOPICS

- Sponsoring and guiding cross-functional projects
- Strategic alignment of Lean Six Sigma with business goals
- Leadership and organizational change management
- Advanced decision-making and risk assessment
- Driving business transformation initiatives
- Performance monitoring and strategic impact evaluation
- Building a culture of continuous improvement

## 5. LEAN SIX SIGMA DEPLOYMENT LEADER (LSSDL) – KEY TOPICS

- Planning and managing enterprise-wide Lean Six Sigma deployment
- Governance, project selection, and KPI tracking
- Mentoring and coaching project teams
- Resource allocation and capability building
- Scaling Lean Six Sigma across departments
- Measuring organizational performance and sustaining improvements
- Risk management and strategic implementation oversight

## TESTIMONIALS:

"I had attended the Lean Six Sigma Black Belt program at the Indian Six Sigma Institute (ISI), and I am thrilled to share that it was an exceptional experience. The participants came from diverse professional backgrounds, yet the trainer delivered a world-class learning experience that was engaging, practical, and highly insightful for everyone. The sessions were well-structured, informative, and provided hands-on exposure to real-world process improvement challenges. This program has significantly enhanced my skills, helped me take on greater responsibilities at work, and even contributed to a new role and recognition in my organization. I would gladly recommend ISI to any professional looking to advance their career in process excellence and Lean Six Sigma - **Senior Professional from Leading IT company.**

### OFFERING

Structured programs for:

- Lean Six Sigma Green Belt (LSSGB)
- Lean Six Sigma Black Belt (LSSBB)

Customizable for:

- Lean Six Sigma Master Black Belt (LSSMBB)
- Lean Six Sigma Strategic Champion (LSSSC)
- Lean Six Sigma Deployment Leader (LSSDL)

### AMONG THE FIRST

One of the earliest institutes to offer **Lean Six Sigma certification and training programs in India.**

### LEADERSHIP

Among the leaders in Open Book LSS **Green Belt, Black Belt, MBB, SC & DL.** Trained thousands of professionals across **India & Asia**

### COMMITMENT

Contributing to **national skill development and process excellence initiatives:**

- Spreading **Zero Defect awareness**
- Enabling **quality in manufacturing and services**
- Equipping professionals for **data-driven decision-making**

### DEDICATED

A dedicated team of **Master Black Belts, Black Belts, and Green Belts** to support learners and corporate clients.

### CREDIBILITY

Catering to diverse domains including **banking, finance, manufacturing, IT/ITES, healthcare, logistics, education, and more.** Repeat engagements with **85% of clients** reflect consistent trust and quality delivery.

## **Indian Six Sigma Institute (ISI)**

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