

**AIGPE**

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ADVANCED INNOVATION GROUP PRO EXCELLENCE

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*Drive Success To Excellence*

# Lean Specialist Certification Program

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# Lean Specialist Certification Program

Certification from AIGPE has upheld the highest standards in the field of quality excellence in many industries. It serves as a driving force to propel you towards successful career and offers excellent resources to improve organization's bottom line through your mastery of quality skills. By becoming certified as a Lean Specialist, you seize the opportunity of contributing to quality and confirm the positive impact it will have on your organization.

Lean Specialist Certification Program is designed to suit the needs of individuals who wish to gain complete expertise of Lean. Individuals who are responsible for improve processes, are driven towards waste elimination and are required to deliver quick results can apply for this certification. This certification allows individuals to seek complete knowledge on Lean tools and methodology, become an expert within an organization and enhance their quality journey.

Two criteria's to complete Lean Specialist Certification Program at AIGPE:

## Lean Specialist Training

The candidates are expected to attend all the online sessions. Since, most of our candidates are professionals and may have professional compulsions; they can complete this self-paced training as per their availability.

## Lean Specialist Exam

Each candidate is required to pass a written examination that consists of Multiple Choice Questions measuring comprehension of the study material. The Six Sigma Green Belt certification exam is a one and half hour, 75 multiple-choice examination. It's offered in English.



# Training Methodology

The Lean Specialist Certification Program is an online training module. A training session link is made available to all participants on [www.aigproexcellence.com](http://www.aigproexcellence.com). Participants need to click on the training session link to view each online training. The participants are required to have:

- Gmail ID
- Laptop/Desktop
- Headphone/Speakers
- Access to Fast Speed Internet

## Training Curriculum

### Value and Foundations of Lean

- Lean Enterprise
  - Lean Manufacturing / Lean Production
  - Lean Techniques in Service
- Lean Pioneers

### Integration of Lean and Six Sigma

#### Lean Concepts

- Process Characteristics
  - Input and Output Variables
  - SIPOC
  - Cause and Effect Matrix
  - Lean Thinking
    - Value
    - Value Stream
    - Value Flow
    - Pull Value
    - Perfection
    - Takt Time
    - Lean Metrics

#### Process Analysis Tools

- Value Stream Map
- Flow Charts / Process Maps
- Procedures
- Work Instructions
- Spaghetti Diagrams



## **Additional Analysis Methods**

- Waste Analysis

## **Waste Elimination**

- 5S
- Poka-Yoke
- Standard Work
- Kanban-Pull

## **Cycle-time Reduction**

- Continuous Flow Manufacturing
- Setup Reduction
- Quick Response Manufacturing

## **Kaizen and Kaizen Blitz**

## **Theory of Constraints**

## **Other Control Tools**

- Total Productive Maintenance (TPM)
- Visual Factory

## **Lean Implementation**

## **Risk Analysis**



## Enhance Your Career

with Advanced Innovation Group Pro Excellence Lean Specialist Certification Program today!!!

You can also opt for additional certifications. AIGPE also provides training and certification programs for:

**Certified Six Sigma Black Belt**

**Certified Six Sigma Green Belt**

**Certified Six Sigma Yellow Belt**

**Minitab Beginner**

**Minitab Specialist**

**Short Term Programs (basis needs of the organization/individual):**

- **Statistical Process Control (SPC) Specialist**
- **Failure Mode and Effect Analysis (FMEA) Specialist**
- **Process Mapping and Value Stream Mapping (VSM)**

# Lean Specialist Certification Program

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