



Entrepreneurship
Development
Institute of India
Ahmedabad



ACCELERATE YOUR CAREER
SIX – SIGMA GREEN BELT
CERTIFICATION AND LEAN PROCESS INNOVATION

Join us to transform and equip yourself with the tools and insights to excel in process improvement, lean practices and innovation

Course Duration: 30 Hrs. (Offline)
Project Duration: 10 Hrs. (Hybrid)

Course Fees: Rs. 13,500 + Tax

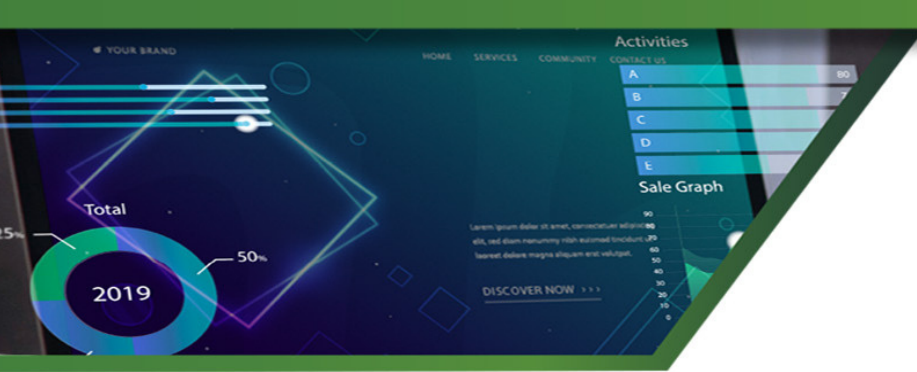


ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

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Weekday Sessions: Thursdays from 1 pm to 5 pm, from 18 Jan 2024 to 7 Mar 2024.

Weekend Sessions: Saturdays from 9.30 am to 1.30 pm, from 20 Jan 2024 to 9 Mar 2024

RATIONALE:

Six Sigma is a formidable management tool lauded for its transformative impact on operational excellence and strategic decision-making. Esteemed corporations like GE, Motorola, and Caterpillar have embraced and religiously adhered to this breakthrough management process. At its core, Six Sigma offers a structured approach to problem-solving, aligning the identification of root causes with data-driven decisions and controlled process improvements.

The DMAIC (Define - Measure - Analyze - Improve - Control) process, a hallmark of Six Sigma, systematically addresses issues, ensuring sustainable solutions. Its versatility spans diverse industries, including automotive, healthcare, and ITES, and applies at any functional level within organizations. The certification hierarchy, beginning with the Green Belt and extending to the Black Belt and Lean Six Sigma, provides a clear developmental path for professionals.

Integrating Six Sigma with innovation fosters business sustainability and cultivates a competitive edge. The dedicated teams within organizations tasked with training and deploying Six Sigma processes underscore the commitment to achieving continuous improvement and operational excellence. In essence, Six Sigma emerges as a management methodology and a catalyst for organizational innovation, driving effectiveness and efficiency across various sectors.

OBJECTIVES:

This course is designed with three primary objectives. Firstly, participants will gain a comprehensive understanding of the systematic processes, principles, and practical applications of Six-Sigma. This encompasses a deep dive into the methodologies and frameworks that constitute the Six Sigma approach. Secondly, the course aims to enable participants to deploy Six Sigma concepts specifically through the Green Belt certification, providing a hands-on experience through a project. This practical application ensures that participants grasp the theoretical aspects and acquire practical skills in implementing Six Sigma principles.

Furthermore, the course has a forward-looking perspective, aiming to equip students with the skills necessary to evaluate, implement, and lead the improvement of the innovation process in the future. This involves understanding how Six Sigma can be integrated into broader organizational innovation strategies preparing participants for leadership roles in driving continuous improvement.

Upon completing the course, participants are expected to achieve specific learning outcomes. They will be adept at identifying the compelling need for process improvement and recognizing the areas where Six Sigma can be applied effectively. Additionally, participants will be equipped to systematically use Six Sigma processes in any field, showcasing their ability to implement these methodologies across diverse domains. Lastly, the course will empower participants to make informed process control decisions and sustain the improvements achieved, ensuring the changes' longevity and effectiveness. Overall, the course aims to produce skilled professionals who can not only understand and apply Six Sigma but also lead and innovate in the realm of process improvement.

PREREQUISITE:

None

WHO CAN ATTEND:

This course caters to a diverse audience, providing valuable skills applicable to various professional scenarios. Ideal participants include early career professionals seeking to enhance their problem-solving and process improvement skills. Additionally, undergraduate and postgraduate students looking to augment their academic knowledge with practical, industry-relevant expertise would find this course beneficial. Customization is a crucial feature of this program, making it suitable for organizations aiming to train their employees in a targeted manner. By tailoring the content to specific industry needs, the course ensures that participants gain relevant skills that can be immediately applied in their professional roles.

The Six Sigma Green Belt certification, a central component of this course, is advantageous for individuals in various business domains, offering a commanding knowledge base applicable to diverse scenarios. This certification provides a competitive edge and establishes a foundation for continuous learning and growth throughout one's career. A distinctive feature of this course is the inclusion of a practical project, allowing participants to apply Six Sigma principles to an area of their personal or professional interest. This hands-on experience enhances understanding and ensures that the knowledge gained is theoretical, practical, and immediately applicable.

In summary, this course is well-suited for early career professionals, students, and organizations seeking to equip their workforce with valuable problem-solving and process improvement skills. The practical orientation and customization options make it a versatile and impactful learning opportunity for individuals across different career stages and industries



COURSE CONTENT:

MODULE 1 – INTRODUCTION TO SIX-SIGMA

(2 HRS.)

Introduction to Six-Sigma, Value of Six-sigma, History, Application

MODULE 2 – PROBLEM IDENTIFICATION

(2 HRS.)

Introduction to Process, Quality, Business Drivers, and Metrics

MODULE 3 – DEFINE AND MEASURE

(7 HRS.)

DMAIC Overview, Identification of compelling need, Project Charter, VoC, Problem mapping, Checklist, Data collection

MODULE 4 – ANALYSIS

(7 HRS.)

FMEA, Root cause analysis, Pugh Matrix, Morphological Analysis, Central Limit Theorem, Cost-Benefit analysis, Statistical Techniques

MODULE 5 – IMPROVE & CONTROL

(4 HRS.)

Design of Experiments, Process Control

MODULE 6 – PROJECT GUIDANCE AND MENTORING

(6 HRS.)

Problem identification, Define, Measure, Review, Presentation

MODULE 7 – INTRODUCTION TO OTHER BUSINESS TOOLS

(2 HRS.)

Lean, Agile, Affinity Diagram, Future application

BENEFITS TO PARTICIPANTS:

Achieving a Six Sigma Green Belt certification offers a multitude of benefits that extend beyond traditional academic qualifications. The program provides a unique blend of skill development and hands-on experience, positioning participants as adept practitioners of business process improvement methodologies.

With this certification, individuals gain a distinct edge in employability, showcasing their commitment to quality and efficiency. The practical insights gained through the certification process enhance problem-solving skills and instill a data-driven decision-making mindset. This dual proficiency is invaluable in today's competitive business landscape. Moreover, the Six Sigma Green Belt certification fosters entrepreneurship by equipping individuals with the acumen to identify and address operational inefficiencies, laying a solid foundation for successful ventures.

It is not just a certification; it's a gateway to a dynamic skill set that empowers professionals to drive positive changes in any organizational context.



EDII:

Being acknowledged as a Centre of Excellence by the Ministry of Skill Development and Entrepreneurship is a testament to the exceptional quality and impact of the programs offered by the Entrepreneurship Development Institute of India (EDII). The institution's top-ranking status in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) in 2021 further underscores its commitment to excellence, particularly in the General (Non-Technical) category. EDII stands out for its diverse array of courses and programs that cater to skill development at various levels, including Management Development Programs (MDPs) with a strong emphasis on fostering entrepreneurship. This holistic approach positions EDII as a key player in nurturing talent and fostering innovation.

Moreover, EDII plays a pivotal role in contributing to the growth and development of Micro, Small, and Medium Enterprises (MSMEs). Its provision of business development services spans across regions and sectors, showcasing a commitment to fostering economic development on a broader scale. By actively engaging in cluster development, training initiatives, capacity building, and research, EDII not only imparts knowledge but also actively contributes to the practical advancement of entrepreneurship and business development. In essence, EDII stands as a beacon of excellence, bridging the gap between education and practical application in skill development and entrepreneurship.



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