



Build Leadership Skills with Lean Six Sigma at IIT Kharagpur

Black Belt & Green Belt Training | Project Support | Certification

Learn the art and science of problem solving, process improvement, project leadership and change management all essential and critical skills for leadership in any organization. Build an appreciation of how customer focus and process thinking can deliver great business results. An engagement that extends beyond training to project support and deployment, and to systematic capability building through certification.

Faculty from IIT Kharagpur (Industrial & Systems Engineering Department) and American Society for Quality South Asia, will jointly conduct this program, bringing together deep academic knowledge and extensive practical experience.



Lean Six Sigma

Green Belt Training: 9th - 17th September, 2019

Black Belt Training: 9th - 25th September, 2019

NOTE: Last Date of Registration: Fifteen days prior to the commencement of the programme

By IIT Kharagpur (Industrial & Systems Engineering Department) and ASQ India

What the Course will Deliver

The Six Sigma methodology is a systematic application that is focused on achieving significant financial results and increasing customer satisfaction. When properly deployed on carefully selected business projects, this methodology can lead to a significant reduction and in many cases, elimination of defects, process waste, and out-of-control processes, which translate into dramatic business gains.

This Black Belt course provides a comprehensive and disciplined model for improvement. Every participant will learn how to meet his or her company's business objectives through the recognized DMAIC process. Attendees will learn how to direct Lean Six Sigma projects and obtain the maximum improvements from the learned techniques and skills. This course is conducted in one comprehensive continuous course on campus.

Learned skills are practiced and applied through individual and team exercises, as well as to the individual projects. Participants will be able to apply the concepts learned in the class to a business improvement project assigned to them by their management sponsor.

Learning Objectives:

- Achieve significant improvements in critical business processes.
- Apply statistical and problem solving tools to an improvement project.
- Reduce process variation.
- Eliminate waste and defects by applying lean and Six Sigma.
- Collect, analyze, and quantify data that enable process improvements.
- Learn how to execute the Six Sigma methodology.
- Establish and define process capability.
- Identify and eliminate dominant process variation sources.
- Characterize and optimize processes by computing and applying statistical techniques.
- Design, simulate, and execute designed experiments that depict validated improvement.
- Learn how to plan and implement process control to hold project gains.

Who Should Attend

This course is designed for individuals from diverse organizational functions - operations, quality, logistics, finance, production, engineering, and other staff functions seeking to bring significant business results to their organizations.

Participants are traditionally well versed in technical aspects of their jobs, are team leaders or managers, and high potential individuals.

About IIT Kharagpur



The Indian Institute of Technology Kharagpur was set up as the first of the IITs, in 1950. Along with the other IITs, it was marked as an institution of national importance, and has made a critical contribution to the development of engineering and technical skills in our country. IIT Kharagpur now counts about 18 academic departments and five centres of excellence. The vast tree-laden campus, spreading over 2100 acres, provides a collegiate atmosphere that enhances learning and helps expose visitors to multiple disciplines.

The Industrial & Systems Engineering Department, with a 40 year legacy, has always been at the forefront in developing analytical solutions to real life industry problems in the domains of supply chain, operations, quality and safety. The department continuously monitors the changing needs of the industry and works to provide sustainable solutions.



Department of Industrial & Systems Engineering

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About ASQ

ASQ is the world's leading community of people passionate about quality. As a professional association, ASQ brings together individuals and companies in all fields, organizations, and industries who strive for continual improvement of the products and services the world relies upon. ASQ's more than 75,000 members are building the future of quality, advancing the best insights, and investing in the ideas, tools, techniques, and systems that will help the world meet tomorrow's critical challenges.

ASQ was established in 1946 and is celebrating its 70th year in service. Through these years, ASQ has been a critical player in the global movement for quality improvement.

ASQ has been closely involved in the development of international standards including some of the most widely known, such as ISO 9001, ISO 26000, and ISO 14001, as well as other standards and technical reports that apply quality management principles, tools and technology

ASQ has a presence in over 140 countries around the world. ASQ operates in South Asia through its offices in New Delhi.



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IIT Kharagpur (Industrial & Systems Engineering Department) and ASQ South Asia have developed a unique offering to help individuals or organizations build capability in Lean and Six Sigma, which covers instruction, learning, application and certification.

INDIVIDUAL/ORGANIZATION INFORMATION

Individual Name/Company Name: _____

Home/ Office Address: _____

City: _____

State: _____

Pin Code: _____

Contact No: _____

E-mail id: _____

Click this box, if the application is by an individual, not sponsored by an organization

REGISTRATION FEES PAYMENT

Black Belt Training: INR 64,900 (55,000 + 18% GST)
Total No. of Participants:

Green Belt Training: INR 38,940 (33,000 + 18% GST)
Total No. of Participants:

Project Support (remote, 5 sessions *2 hours each)
INR47,200 (40,000 + 18% GST)

Total No. of Participants:

TOTAL: ...INR.....

INDIVIDUAL/PARTICIPANT INFORMATION

S.No.	Name of Participant	Designation	Total Experience	Educational Degree	Need Accommodation?
1.					
2.					
3.					
4.					

PLEASE NOTE

Interested individual candidates or organizations sponsoring candidates may please send this application along with registration fees in the form of at par cheque or DD in advance, in favour of: "CEP-STC, IIT Kharagpur" payable at Kharagpur, India.

Registration fees may also be paid through wire transfer to: Authority holding the account: Dean, CE, IIT Kharagpur; Name of Account: CEP-STC; Bank Name: Syndicate Bank; Branch Name: SRIC, IIT Kharagpur 721302; Address: Dist. Paschim Medinipur, West Bengal; BRANCH MICR NO. 721025103; Account Type: SB; Account No. 95562200002955; IFSC Code: SYNB0009556; SWIFT Code: SYNBINBB120

Accommodation: Arrangements for single accommodation will be made at IITKGP Technology Guest House for those who need it. Approximate expenses for boarding & lodging is Rs.2000 per day, to be directly paid to Guest House.

Contact Person IIT Kharagpur: Dr. Jitesh Thakkar

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Contact Person ASQ South Asia: Mr. B.S. Rawat

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Individual/Authority Signature:

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