



GRG Centre for Advanced Studies, Coimbatore

Three-Day Course on  
***'UK-Accredited Lean Six Sigma Green Belt Certification'***  
22-23-24 February 2018

Preamble

Methodologies of Lean Six Sigma focus on reducing defects and eliminating waste in an organisation's processes, which is the secret of success for many leading companies and other prosperous organisations in the world.

Implementing lean six sigma leads to improved quality along with more efficient ways of producing that quality, which results in higher profits for the organisation. Both manufacturing and service organisations stand to benefit from these methodologies.

Using a variety of structured and statistical tools, Lean Six Sigma helps to optimise business processes to the fullest extent and thrive in business scenarios where your competitors might be struggling to survive. The lean six sigma tools can be applied for various processes in the organisation such as design, marketing, sales, production / operations, purchase, stores, customer- service, finance, legal-compliance and risk management.

Programme Coverage

- Quality defined - VOC, CTQ, KANO Model
- Evolution of the quality function - a journey from quality measurement to six sigma
- Appraisal & prevention in processes
- Correction, corrective action, preventive action
- Goals of Lean Six Sigma, Lean Six Sigma team formation
- Cross-functional cooperation / boundaryless collaboration in lean six sigma organisation - QCD route to deliver value
- The process approach - CTPS, dashboard, benchmarking
- DPU & DPMO - Calculating sigma level
- Cost of poor quality - impact on sigma level of a process
- Motorola's journey from 3.4 to 6.0 sigma
- Lean Six Sigma - basic principles
- Cultural changes required while implementing lean six sigma
- Seven tools of quality
- Use of SPC in six sigma - calculating process capability CP, CPK
- Breakthrough improvement and continual improvement

- DMAIC methodology for implementing six sigma projects
- DMAIC case study - defect reduction
- Use of lean tools in Lean Six Sigma
- Value stream process mapping
- Failure mode & effect analysis (FMEA)

### Participant Profile

This program is appropriate for any professional who is responsible for improving a business process / product / service or the organisation's profitability. Participants can come from a wide range of businesses including:

- Automotive Products
- Banking & Insurance
- Construction
- Electronics
- Engineering
- Food and Beverage
- IT / ITES / BPO / KPO
- Healthcare
- Medical Devices
- Pharmaceuticals
- Plastics and Chemicals
- Logistics
- Telecommunications
- Others

### Where and When?

Date: 22, 23, 24 February 2018  
 Venue: GRG Centre for Advanced Studies, Peelamedu, Coimbatore  
 Time: 9.30 am to 5.30 pm

### Examination & Certification

- At the end of the course there will be **90 Minutes (Open-Book) Examination** - a written test of 100 marks
- The test includes 30% essay type questions and 70% multiple choice questions
- Participants have to score minimum 50% to pass the examination
- Participants who pass the examination will be awarded an internationally recognised Lean Six Sigma Green Belt Certification accredited by ASCB (E) - UK

### Investment

The investment per participant is INR 8500/- plus 18% GST; this covers the programme kit, working lunch, refreshments, and other incidentals; 3 or more participants from the same organisation may avail a discount of Rs. 750/- per participant.

Payment has to be made in favour of “GRG Education Services”, at Coimbatore

### Registration

Participants should register with complete details to [vandana@grgcas.com](mailto:vandana@grgcas.com) or [programmes@grgcas.com](mailto:programmes@grgcas.com) on or before Thursday, 15<sup>th</sup> February 2018.

### Programme Facilitator



Mr. G.K.K Singh, Director, Asian Institute of Quality Management, Pune, is a BTech, (IIT Mumbai Silver Medallist), MBA (IIM Calcutta) QMS, EMS and EnMS Lead Auditor, Lean Six Sigma Master Black Belt.

Prior to setting up his current consulting services, Mr. Singh worked for over 38 years in industry in senior positions. An expert in TQM and Japanese Management Techniques, Mr. Singh specialises in Training and Implementation for Integrated EHS Management Systems, Kaizen, 5S, TQM and Lean Six Sigma.

He has trained more than 40,000 persons and mentored over 3,300 successful Lean Six Sigma Black Belt Projects till date in India and abroad, including 1745 projects in Kuwait, Oman, Saudi Arabia and UAE.

### About GRGCAS

GRG Centre for Advanced Studies (GRGCAS) is a Centre of Excellence for the Theory and Practice of Management and a part of the GRG Group of Institutions in Coimbatore, Tamil Nadu.

The programmes designed and delivered by GRGCAS are of short, medium, and long term duration on multiple formats and platforms - weekend/weekday; on campus and off campus, full-time and part-time, company specific, sector specific, domain specific. GRGCAS also offers management development programmes in specifically identified disciplines in partnership with other premier institutions and industry.

GRGCAS draws appropriate resources from both internal and external, including from industry to ensure that the programmes offer the most current, contemporary and updated knowledge and skills based on best practices in management.

The vision of GRGCAS is “to be a leader in providing best-in-class learning and development programmes in management for working professionals”. It implies

preserving the core principles and concepts of management theory that have evolved over the past one hundred years and, creating and evolving new ideas and concepts for the future.

For assistance in registration and further details:

**GRG Centre for Advanced Studies**

GRG Institutions, Peelamedu, Coimbatore - 641 004, Tamil Nadu

(0422) 429 5860 / 75400 89111

[vandana@grgcas.com](mailto:vandana@grgcas.com) / [programmes@grgcas.com](mailto:programmes@grgcas.com)

[www.grgcas.com](http://www.grgcas.com)