



• Tailored to Your Training Needs •



# Lean Six Sigma Green Belt Accelerated (5 Days) - Special Session

TIME: 8.30AM - 5.30PM

MODE: ONLINE

PRICE: RM2,299

FOR NON-HRDF PARTICIPANTS

## OBJECTIVE

Lean Six Sigma is a proven systematic approach to improve measurable results for any organization. The Lean Six Sigma training and projects takes organizations to the next level by uniting product and process excellence with goals such as improving customer service and/or enhancing shareholder value creation. Leaders in today's organizations are turning to the Lean Six Sigma training to ensure their competitive edge, improve service and build the skill base needed to sustain performance improvement.

## LEAN SIX SIGMA GREEN BELT LEVEL

### (INTERNAL CERTIFIED)

Exam Type: Multiple Choice Questions  
 No. of Questions: 35 Questions  
 Examination: Open Book Examination  
 Passing Rate: 70% and above  
 Duration of Exam: 1 Hour  
 Location of Exam: Online

## COURSE CONTENT

### SESSION 1 : DEFINE TRAINING [1 DAY]

- Introduction & Overview of Lean & Six Sigma
- The 7 Wastes- TIMWOOD
- Cost of Poor Quality (COPQ)
- Drill Down Tree
- Pareto Charting
- Project Charter Development / Project Selection Matrix
- Voice of Customers (VOC)
- Kano Model / Analysis
- SIPOC- Supplier, Input, Process, Output, Customers
- Basic Process Mapping
- Financial Analysis & Cost Savings

### SESSION 2 : MEASURE TRAINING [1 DAY]

- Root Cause Analysis (RCA) Tools
  - Fishbone Analysis
  - 5 Why Analysis
  - 5W 1H Reporting Structure
- Operational Definition & Data Collection Plan
- Basic Measurements & Sampling Techniques
- Basic Value Stream Mapping
- Detailed Process Mapping
  - Value Analysis - VA, NVA, VE
- Failure Modes and Effects Analysis (FMEA)
- Introduction to Process Excellence Statistics

### SESSION 3 : ANALYSE TRAINING [1 DAY]

- Graphical Analysis
  - Pareto Charts
  - Scatter Plots
  - Box Plots
  - Matrix Plots
  - Run Charts
  - Histograms
  - Dot Plots
  - Time Series Plots
- Basic Statistical Analysis- P-Value, Test Statistics, Hypothesis, Regressions, Correlation Analysis
- Value Stream Mapping (VSM)- Advanced
- Summarising Potential Factors & Potential Solutions
- Generating Improvement Ideas
- Evaluation & Selecting Best Solutions

### SESSION 4 : IMPROVE TRAINING [1 DAY]

- Develop & Execute Pilot Plan
- Solution & Training Implementation Plan
- Lean Concepts & Error Proofing/ Kaizen
- Cost & Benefit Analysis (ROI)

### SESSION 5 : CONTROL TRAINING [1 DAY]

- Control Plans Development
- Standard Operating Procedures (SOP)
- Statistical Process Control (SPC)
- Process Control Charts
  - X-Bar + R Chart
  - I-MR Chart
  - X-Bar + S Chart
  - Discrete Charts
- Best Practice & Replication Opportunities
- Process Ownership & Dashboards



## Trainers & Consultants Profile



**Dr. Satnam Singh**  
Experienced LSS Deployment  
in Europe & India

Dr. Satnam Singh graduated from Liverpool John Moores University (UK) with a Bachelor's Degree in Mechanical Engineering. He then furthered his studies at Coventry University in UK & was awarded with a Master's Degree of Science in Engineering & Manufacturing Management. Dr. Satnam then continued to study for his doctorate and was awarded with a PhD in Engineering & Manufacturing Management.

Dr. Satnam has been actively involved in the field of Continual Improvement activities since the beginning of his tertiary education. While accomplishing his Master's Degree in the United Kingdom, he had been extensively trained for Lean Systems & Six Sigma whilst working as a Project Manager for a Multi National Corporation (MNC) in the UK for 14 years. During his stay with the MNC in the UK, Dr. Satnam was tasked with the responsibility of promoting and implementing Lean & Six Sigma within the Organization & throughout Europe. Due to his extensive exposure in Lean and Six Sigma Management Systems, he was invited by the company's European Subsidiaries to conduct in-house training, project consultations and strategic planning in the area of Six Sigma implementation. Dr. Satnam is known as a Visiting Lecturer in Infosys India.



**Mr. Harbans**  
Experienced LSS Deployment  
in Samsung & Asia Pacific

Mr. Harbans Singh, is a graduate of University of East London and holds a Bachelor's Degree (Hons.) in Information Technology majoring in Software Engineering. He is certified as a Six Sigma Black Belt trained by Juran Institute (USA & Korea) under the supervision of Samsung Electronics Asia Pacific. Mr. Harbans has gained over 12 years of working experience both in manufacturing & service industries.

Mr. Harbans has an extensive experience in performing statistical analysis by using statistical software (MINITAB) & various quality tools. Harbans is also involved in Innovating Supplier Processes using QDC (Quality, Delivery & Cost) improvement & Improving Supplier Processes by utilising OEE and Lean concepts. Harbans major achievements would include the development of Six Sigma Green Belts & Six Sigma Black Belts within Samsung Electronics Asia Pacific Region. Furthermore, Harbans mentored Six Sigma Yellow Belt, Green Belt & Black Belt projects that contributed to total cost savings about USD \$15 million during the past 6 years. Harbans also has an extensive experience in developing & conducting Six Sigma Champions Training, Black Belt, Green Belt & Yellow Belt training programmes for Private Companies, major Government Linked Companies (GLCs) in Malaysia & many other Government Agencies.



**Dr. Muraliraj**  
Expert in LSS, Process Improvement  
& Lean Enterprise Solutions

Dr. Muraliraj holds a doctorate degree from University of Malaya (Malaysia) overlapping the field of Quality Management, Continuous Improvement & Innovation. His research base is centered around continuous improvement philosophies such as Lean & Six Sigma & how their application & management can potentially morph towards innovation.

Specialised in process mapping, optimization, cost reductions, deploying process excellence strategies, Dr. Muraliraj has been involved in process excellence projects, performance improvements, & change management in shipping, oil & gas, engineering & IT industries for more than 7 years.

Some of his recent success include training and coaching of Lean Six Sigma in a national multi-industry corporation involving tens of personnel ranging from various designation which led to substantial financial savings besides a sustainable operational excellence.



## Trainers & Consultants Profile



**Mr. Muhammad Faisal  
Abdul Hamid**  
Expert in LSS Specialized in  
Manufacturing & Process  
Improvements

Mr. Faisal graduated from University of Technology (UTM), Malaysia with Bachelor's in Chemical Engineering & later pursued his Master's in Business Administration at University Utara Malaysia.

He started his career as an engineer in a renowned MNC & was later enrolled in Lean & Six Sigma as a practitioner & was selected as a trainer. His role as a senior staff allows him to work with front line & middle management. While working as a coordinator in Innovation Team, he was liaising with top management such as Factory Managers & Directors & had contributed to establishing company strategies toward achieving the mission & vision.

While enduring his career as continuous improvement specialist, he was extensively involved in process improvement initiatives, Six Sigma & Lean Manufacturing. He has profound experience in manufacturing, engineering, & training.



**Mr. Balasharmila Rao**  
Business & Process  
Management (BPM)  
Consultant

Bala is a Mechanical Engineering graduate from the National University of Singapore (NUS) with specialization in Offshore Oil & Gas Technology. Parallel to his undergraduate study, he has completed a three-year Design Centric Programme (DCP) under NUS, culminating in a successful Electric Vehicle (EV) conversion project with a peer-reviewed IEEE Journal paper publication. After industrial attachment with Schlumberger & maiden career start with Halliburton in oilfield equipment design vertical, Bala returned to Kuala Lumpur in 2016 where he joined YTL Communications (YTL) in the Facilities Management Department.

He has developed the department's first suite of Standard Operating Procedures (SOPs) for Operations & Maintenance, coordinated department's audit compliance for ISO27001: 2013- Information Page 16 Security Management System (ISMS) for YTL's Data Centers, while improving diverse aspects of maintenance operations such as Preventive & Corrective Maintenance Management, Rounds & Readings & Facility Management Service Requests. Bala is also instrumental in improving YTL's overall National Department of Occupational Safety & Health (DOSH) Audit rating from a Grade 'D' in March 2018 to Grade 'A' in October 2018 with further recommendation for Ministerial Award Competition participation. Bala holds certifications in Lean Six Sigma Green & Black Belt, ISO9001: 2015 (QMS) Requirements, Train The Trainer (PSMB TTT/27657) & Oil and Gas Law (BAC).



**Ms. Wong Sze Yin**  
Junior Facilitator

Wong Sze Yin has a Bachelor's Degree in Manufacturing Engineering from University Malaysia Pahang, Pekan. For her internship, she was assigned an improvement project which requires her to improve the cycle time of a production line by identifying wastes & non-value added activities. She succeeded to propose some solutions to improve the cycle time of production line. Besides Sze Yin has also completed the course of Lean Management in university with a project to implement the knowledge of Lean in a car repairing workshop located in Universiti Malaysia Pahang, Pekan.



# MBIZM TRAINING REGISTRATION FORM



## REGISTRATION POLICIES

### Substitutions

Substitutions can be made at any time.

### Payment

All payments must be made two (2) week prior to the training.

You may register by phone, email, or fax; by using the registration form attached.

**Payment Mode :** Cheque or Telegraphic Transfer / IBG

**Pay to :** MERIDIAN BIZ MANAGEMENT

**Account No. :** 707-109165-0

**Bank's Name :** OCBC BANK (MALAYSIA) BERHAD

**Swift Code/BIC :** OCBCMYKL

## CANCELLATION POLICY

Due to contractual obligations, cancellation charges are as follows:

Scheme Claimable

\*30 - 15 days notice: 50% of the workshop fee

\*14 - 8 days notice: 70% of the workshop fee

\*7 days or less notice: 100% of the workshop fee (\*Based on working days only)

However, detailed sets documentation will be sent to you. A substitute may be named at any time before the workshop begins. All cancellation of registration must be made in writing.

For further information on this Not-To-Be-Missed Event, please contact our Programme Manager at +603 7873 8485.

"We are an accredited member of International Association for Six Sigma Certification (IASSC) and certified provider by The Council for Six Sigma (CSSC)"

## TRAINING COURSE(S) BOOKING

**Training :** Lean Six Sigma Green Belt Accelerated (5 Days) - Special Session

**Time:** 8.30 am - 5.30 pm

**Venue :** Online

**Dates- Please tick one (1) session of your choice:**

28 - 30 June 2021 & 1 - 2 July 2021

2 - 6 August 2021

27 - 30 Sept 2021 & 1 Oct 2021

25 - 29 Oct 2021

29 - 30 Nov 2021 & 1 - 3 Dec 2021

20 - 24 Dec 2021

## COURSE FEES

# RM2,299/ person

Note: **Meridian Biz Management** reserves the right to cancel or postpone the training date(s) and venue at anytime. In this event, advance notification will be issued to all participants. Thank you.

FOR NON-HRDF  
PARTICIPANTS



## REGISTRATION FORM (email: public@mbizm.com)

### DELEGATE INFORMATION

1) Name: \_\_\_\_\_ 2) Name: \_\_\_\_\_  
Designation: \_\_\_\_\_ Designation: \_\_\_\_\_

### COMPANY INFORMATION

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

### CONTACT PERSON

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Tel: \_\_\_\_\_

### AUTHORISED SIGNATORY

Signatory: \_\_\_\_\_  
Name: \_\_\_\_\_  
Designation: \_\_\_\_\_

### PAYMENT INFORMATION

Hereby is the postal order / bank draft / bankers' cheque no. \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of "MERIDIAN BIZ MANAGEMENT".

Meridian Biz Management (No. 1842547-T)

Unit No. 1147, Block A3, Jalan PJS 8/9, Leisure Commerce Square, (Pusat Dagang Setia Jaya), 46150, PJ, Selangor, Malaysia.

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