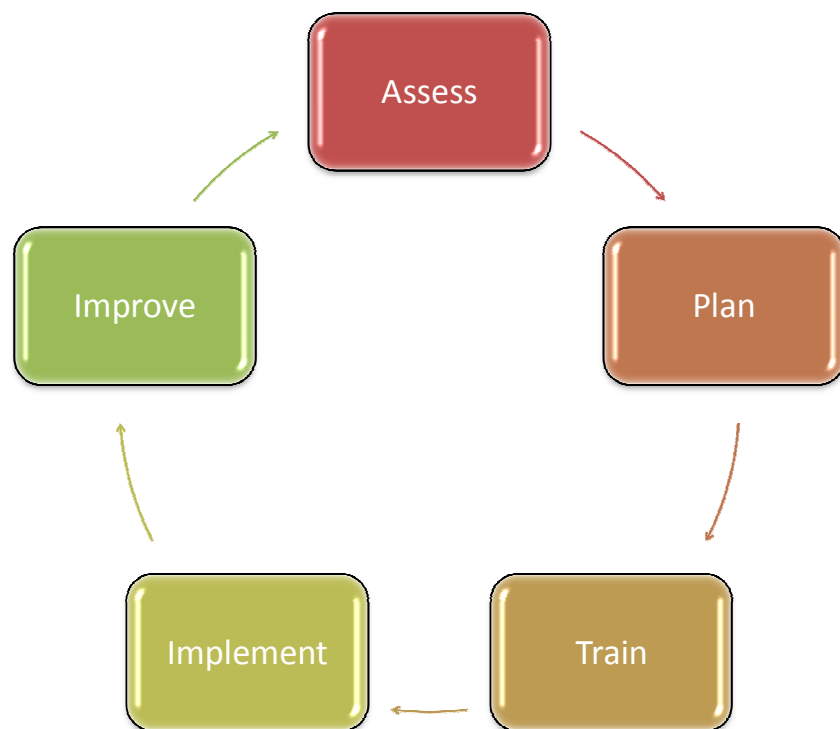


I n s p i r i n g S u c c e s s

Lean Six Sigma **Green Belt** Training and Certification(4 Day Workshop)



From

Confluence Center for Sustainable Development and Business Excellence

Regd Office: Flat No. 502, R S Plaza, Karthikeyanagar, Nacharam, Hyderabad - 500 076, Telangana, India.
Corp Office: 8-12-20, Aapyaya Building, Brindavan Nagar, Street No 8, Habsiguda, Hyderabad - 500007,
Telangana, India
E-mail: info@confluenceworld.com URL: www.confluenceworld.com

I. Service Delivery Methodology:

2.1 Candidate Requirements

Minimum 2 years of work experience.

2.2 Course Design:

Keeping in view of the working people, the Lean Six Sigma Green Belt Training and Certification program has been designed as follows:

Whole Workshop spans for 4 days as given below

2 Weekend sessions (Saturday and Sunday)

Day 1	Overview of Lean Six Sigma and Define Phase
Day 2	Measure Phase and Analyze Phase
Day 3	Improve Phase , Lean Concepts
Day 4	Control Phases, Examination

2.3 Training Methodology:

Training shall include group exercises and brain storming sessions to enable them to work in groups and learn from interaction in groups.

At the end of each exercise one of the group members shall take lead and make presentations on the group conclusions.

Study materials and work book shall be provided by the consultants to all participants.

Evaluation of participants shall be carried out on the following basis for awarding them as **Certified Lean Six Sigma Green Belt.**

Pass the exam conducted at the end of the course by achieving a minimum of 70% marks.

Meet the other requirements such as day end exercises and personal attributes such as communication skills, involvement during the training and attendance / punctuality.

2.4 Course Content:

Day 1 – Lean Six Sigma Overview and Define Phase

- Understanding the purpose of business organizations and Business Challenges
- What is Six Sigma?
- History of Quality Revolution and Six Sigma Philosophy
- Six Sigma Terminology
- Application of Six Sigma concepts
- Benefits of Six Sigma
- DMAIC Methodology
- Define Phase Introduction
- Problem definition
- Developing business case
- Project charter, Team and Roles & Responsibilities
- Voice of Customer and Kano's model
- Introduction to Quality Function Deployment
- Identification of Customer Critical to Quality Characteristics (CTQs)
- CTQ Drill down tree and identification of Project CTQs
- Process mapping concepts and developing SIPOC Process Map
- Introduction to Seven Wastes and Lean Tools
- Define Phase Review

Day 2 – Measure and Analyze Phases

- Process Mapping (As – Is Process)
- Data attributes (Continuous and Discrete Data)
- Measurement System Analysis (GR&R Studies)
- Data Collection Planning and Techniques
- Types of processes and dominant factors
- Understanding variation

- Measuring process capability
- Determining sigma level
- Measurement Phase Review
- Data segmentation and stratification
- Root cause analysis (Cause and Effect Diagram, Five Why Analysis)
- Introduction to Hypothesis Testing
- Introduction to Box Plot
- Introduction to Correlation and Regression Analysis Techniques
- VA/ NVA/ VE (Value adding/ Non value adding/ Value Enabling) analysis
- Introduction 5S, 5 Why Tools
- Identification of Sources of Variation
- Analyze Phase Review

Day 3 – Improve Phase

- Identification of Vital Causes
- Brainstorming and multi-voting techniques
- Introduction to FMEA (Failure Mode and Effects Analysis)
- Pilot Implementation of the Solutions
- Implementation planning
- Improve Phase Review
- Improvement Results Assessment

Day 4 – Control Phase and Examination

- Introduction to control charts
- Establishing process controls for inputs, process and outputs.
- Develop Process Control Plan
- Sustain the improvements
- Control Phase Review

Examination - Participants are required to appear for a four-hour open book Lean Six Sigma Green Belt Certification Examination (Pen and Paper) at the end of training on the third day.

Each candidate who successfully completes the certification exam will be awarded as “Certified Lean Six Sigma Green Belt”.

Duration of each day of workshop shall be for a period of around 9:30 Hrs (including Lunch and Tea Breaks), however the participants may need to be ready to do few brainstorming and few exercises late evenings.

II. Course Fee (Your Investment):

Please call +91 9000800226 to know the course fee, for early bird and group discounts. Course fee has to be paid at the time of registration for the course.

III. Our Clients:

Reliance Infra Power Projects | HSBC | ADP | CA | HP | Genpact | RBS | BACI | HDFC | Capgemini | SKS Microfinance | Verizon | Convergys | Karvy | EMRI | Focus Soft | Assam Carbon | Aditya Constructions | Coca Cola | Dr. Reddy's | DMRL | BHEL | Tecumseh | Hetero Drugs | GoldStone Technologies | DQ Entertainment | Rane Brakelinings | ITC Ltd | Rain Cements | Sandvik Asia | AGI Glaspac and many others.

IV. Profile of Facilitator

VENKATESH YERRAMALLA

CEO & Principal Consultant

He is a graduate in mechanical engineering with specialization in production from Osmania University and **Certified Manager of Quality and Organizational Excellence** from American Society for Quality, Six Sigma Master Black Belt, He also possesses a professional certification in Basics of Supply Chain Management from APICS, USA. He is a certified Lead Assessor from British Standards Institute Training Services, UK for ISO 9001 Quality Management Systems and he was also a Trained Facilitator for “Effective Personal Productivity” training program of M/s. Leadership Management International, USA. He possesses diverse experience in various functions like management, marketing, production, quality assurance and projects across various industry segments like software development, IT enabled services, ISP, engineering, pharmaceuticals, LPG, automotive components, banking, share registry, continuous process industry like glass, agri products, food and beverages, etc.

He has over 21 years of industry experience with M/s. Shriram Fuel Injection Industries, M/s. Renewable Energy Systems Limited, M/s. Aptech Consulting and M/s. Confluence. During his service at Aptech Consulting, he was handling the Hyderabad Operations of the company and has successfully completed many projects for establishing quality and environmental management systems and one BPR project. He was also a presales consultant for BaaN ERP for which Aptech Consulting was an implementation partner.

During his service at Aptech Consulting, some of the ISO 9000 projects he handled include South Central Railways, BPCL LPG Bottling Plant, Dr. Reddy’s Laboratories, Vorin Laboratories, Asian Coffee Ltd, Hindustan Sanitaryware & Industries Ltd, Bank of Madura, SMS Pharmaceuticals, Synthokem Labs Pvt. Ltd, Sagar Soft (India) Limited, Kirby Building Systems, etc. During his service in M/s. Aptech Consulting, he was awarded “Paradigm Pioneer” award for best execution of a project in terms of benefits to the client. With Confluence he has several projects on business excellence, Lean Six Sigma Deployment and Management System Implementation in some of the prestigious organizations such as ITC Limited (3 Divisions viz., ILTD, PSPD and ABD), Reliance Infra, Coca Cola, DMRL, Sandvik Asia, EMRI, BHEL, Hetero Drugs, Rane, Rain Cements, AGI Glaspac, etc.