

## CPD Activity

# "Lean Six Sigma Green Belt"

(Starting from 7<sup>th</sup> Mar 2020 (Weekend) at Islamabad)

Registration closing date Mar 6<sup>th</sup> 2020



### OVERVIEW:

National Productivity Organization, Ministry of Industries & Production announces 5-days (weekend) training program on "**Lean Six Sigma Green Belt**" at Islamabad.

Lean Six Sigma is a management approach to business performance improvement that has blended the two individual specialisms of Lean and Six Sigma together. This blend is designed to enable organizations to achieve the qualitative benefits of Six Sigma but at faster pace by applying Lean principles at the same time.

### LEARNING OBJECTIVES:

- An improved understanding and awareness of Lean Six Sigma practices
- The tools and practices to reduce process variation and improve quality and consistency
- The principles and techniques to improve existing processes and develop effective new ones
- Added value for customers, employees and shareholders through reduced process variation and waste

### COURSE CONTENTS:

- The fundamental of Quality & Six Sigma approaches.
- Team Management, Project selection and launching projects
- Turning Voice of the Customer to Critical Customer Requirements (CCR's) – Affinity diagram, Kano Model.
- As-Is" Process Mapping, SIPOC analysis
- Measurement Planning & data collection, Sampling
- Descriptive Statistics, Pareto Analysis, Histogram,
- Process Capability and Measurement System Analysis-Gage R&R)
- Root Cause Analysis and validation (Cause & Effect Diagram,
- Hypothesis Testing, Confidence Interval,
- Correlation and Regression Analysis.)
- Improve & Control Phase Tools (5S, Kaizen, Design of Experiment,
- Statistical Process Control Charts (SPC etc.) Controls Charts, etc.)

### LEARNING METHODS:

- Power Point Presentations
- Brainstorming, Open Discussion
- Minitab Software

### LIMITED SEATS ARE AVAILABLE

Investment: **PKR 25,000/**

Timing: 09:30 am – 05:00 pm



### RESOURCE PERSON

Mr. Iftikhar Ahmad is a Principal Consultant and Master Trainer. He holds dual master degrees in Business Administration and Operations Management. He has dynamic **18-year experience** as management consultant and professional trainer. He is certified Master Six Sigma Black Belt and internationally accredited trainer from IASSC & CSSC USA for Lean and Six Sigma Training. He has over 19 years of experience as professional trainer and management consultant. He is also certified Lead Trainer and Auditor for ISO 9001, TL 9000, ISO 14001, OHSAS 18001, ISO 17025, ISO 27001, ISO 20000 and ISO 23001.

5% discount  
for first 05  
registered  
participant

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Green Productivity, Training, & Development Centre

National Productivity Organization

Ministry of Industries & Production

Government of Pakistan