

PROGRAMME

18th November, 2017 (Saturday)

Event	Time (Hours)
Registration	0830 – 0900
Recitation from Holy Quran	0900-0905
Opening Remarks	0905-0915
Lean Six Sigma Introduction	0915-0945
Tools & Techniques I (7 Wastes, JIT, Jidoka, Takt Time, etc.)	0945-1020
Tea Break	1020-1040
Lean Tools & Techniques II (Kanban, 5S, Cell, VSM)	1040-1030
Value Stream Mapping Exercise	1030-1230
Lunch/Prayer Break	1230-1330
Six Sigma in depth Understanding	1330-1430
Tea Break	1430-1450
Process Capability, Six Sigma team and DMAIC	1450-1530
Closing/Certificate Distribution	1530-1600

University of Engineering and Technology,
Lahore, Pakistan.

Continuing Professional Development
(CPD)



A Workshop on

**Lean Six Sigma
Yellow Belt Certification**

(One CPD Credit Point)

At

Room 01, Institute of Business &
Management, UET Lahore

Resource Person

Dr. Asif Mahmood

Assistant Professor, Institute of Business &
Management, UET, Lahore.

PURPOSE AND BACKGROUND

All working professionals including engineers require continuous up-gradation of their knowledge and skills to improve working competency and efficiency. University of Engineering and Technology Lahore has conceived a Continuing Professional Development Program for the growing community of professional engineers. A series of seminars and workshops, in addition to many other academic and professional activities, are now being offered by UET on regular basis.

Lean Six Sigma (LSS) combines two industrial complementary concepts: Lean and Six Sigma. LSS uses statistical concepts to **Define** the customer, **Measure** the performance, **Analyze** the data, **Improve** the process and **Control** the outgoing quality of a company. The operational performance is thus enhanced by eliminating non-value adding activities, streamlining work in process and making the system fool-proof.

A Yellow Belt certified person has basic knowledge of Lean and Six Sigma methodologies to assist LSS projects handled by Green Belt or Black Belt who use DMAIC methodology to maximize cost savings.

CPD Title:

Lean Six Sigma

Yellow Belt Certification

Objectives:

The overarching learning objective of this popular workshop will provide a broad understanding towards successful implementation of process improvement methods by developing familiarity with the basic concepts and language of Lean Six Sigma. Moreover, participants will better recognize how they can apply the techniques for both quantitative and non-quantitative analysis to get projects with reduced costs and increased productivity.

Main Contents

- Lean Six Sigma introduction to achieve business objectives
- 5S, waste reduction, mistake proofing and value stream mapping
- Quality Function Deployment (House of Quality)
- Control Charts
- DMAIC (Define-Measure-Analyze-Improve-Control) Project Model
- Hands on exercises, etc.

SPECIAL FEATURE

Two certificates (verifiable) will be awarded to the participants:

- A certificate of one CPD credit point
- A certificate of Yellow Belt on Lean Six Sigma

WHO SHOULD ATTEND?

Those who want to get certified as Yellow Belt in Lean Six Sigma:

- All engineers including senior leaders, middle managers, quality professionals, front line workers as well as future managers
- Management and Engineering Students & Faculty Members, Professionals doing research, innovations or consulting in process improvement practices

COURSE DETAILS

Course Fee: Rs. 5,000/- (For Professional Engineers)
Rs. 3,000/- (For Faculty Members)
Rs. 2,000/- (For Full time Students)

REGISTRATION PROCESS

Application Form dully filled along with required documents and Fee in the form of Pay Order/ Bank Draft in favour of "PEB Coordinator" or online payment to Habib Bank Limited, UET Branch, **A/C No. 01287902267903** should reach on or before

13-11-2017 Or alternatively, you may send scanned copies at drasif@uet.edu.pk (03334733878)

To: Prof. Dr. Habib-ur-Rehman

Department of Civil Engineering, UET, Lahore.

Phone Office: 042-99029138

Cell No. 0300-4693613

Email: mughalhabib@uet.edu.pk

The related information can also be found on the website

<http://www.uet.edu.pk/cpd/index.html?RID=introduction>

PROFILE OF TRAINER

Dr. Asif Mahmood received B.Sc. engineering degree from University of Engineering and Technology, Lahore, Pakistan, in 2002. Then he earned M.Sc. & PhD degrees in industrial engineering and management from the Polytechnic University of Turin, Turin, Italy, (305th in QS World University Rankings® 2016-2017).

He is currently working as Assistant Professor at Institute of Business and Management, University of Engineering and Technology, Lahore. He has publications in national and international journals including impact factor journals. He has supervised numerous MS theses, and four PhD theses are under supervision.

He has overall experience of 12 years of teaching, research and industrial in operations management. His current research interests include exploring system-of-systems applications in nondefense, especially manufacturing sectors with a predominant accent on Lean and Six Sigma.

He has association with various entities including Pakistan Engineering Council, Journal of Islamic Business & Management, Continuing Professional Development (CPD) Committee of UET for PEC, etc.