

# Workshop on Cost of Quality

October 23 & 24, 2019 9:00 am to 5:00pm Venue: CEE@IBA, Karachi

### **OVERVIEW**

The objective of this workshop is to enable the participants better comprehend generally the quality management principles and specifically the philosophy of 'cost of quality' and if measured then what are its pros and cons in relevance to productivity.

This program focuses on making the professionals capable of articulating quality costs, categories, elements, bases and models with ease to develop a common language of quality. Globally, the participants will also develop an understanding of the phases and dynamics of a "Cost of Quality (CoQ) Program Implementation" project.

#### **PEDAGOGY**

The training approach for this program will be based on Bloom's Taxonomy. This taxonomy is a systematic approach to the classification of program learning objectives which provides a framework to ensure that the workshop is focused and effective. There are six levels in the taxonomy relevant to comprehension and creative thinking namely: Knowledge, Comprehension, Application, Analysis, Synthesis and Evaluation. The topics of the workshop will be delivered in such a way to make the participants pass through the initial four levels, gradually and smoothly using various training styles and exercises as manifested in the next section. It means a participant will be exposed to the concepts of Cost of Quality (CoQ) step by step, starting at the level of Knowledge and finishing at Analysis. An interactive training strategy will be followed with a touch of problem-based and case-based training styles where necessary. This workshop is structured to involve professionals in a multiple-session, cross-functional, interactive workshop format in which they get substantial awareness about Cost of Quality (CoQ) and relevant issues.

The Synthesis and Evaluation levels are out of scope as reaching these levels requires real time implementation which the participants may reach in their

companies after completing this workshop.





**PACULTY Dr. Rameez Khalid,** PhD (France), PMP, CQSSBB, OCP, PE, SECP-Certified Board Director, is Assistant Professor in the Department of Management at IBA Karachi. He did his Master and PhD in Industrial Systems from Toulouse, France. He is currently the Academic Program Director of PGD in Supply Chain Management. He teaches in the academic programs of the Institute. He is a consultant for Operations Management, Project Management, Six Sigma, and Quality Management in a variety of industries. He is a certified and qualified Six Sigma Black Belt, certified Project Management Professional and Lead Assessor in OHS (ISO-18000), QMS (ISO-9000) & SC-SMS (ISO-28000). He has published papers in international journals and conference proceedings. His research interests are: Project Management Maturity, Risk Management, Lean Six Sigma, Operations Research, Forecasting and Supply Chain Performance Measurement with especial focus on emerging economies. He has worked as a trainer or consultant with various Measurement with especial focus on emerging economies. He has worked as a trainer or consultant with various companies and to name a few: PPL, Hinopak, PAAPAM, SSGC, Dawlance, Al-Tuwairqi, SEF, Lakson Group, CDP-GoS and IITC-Hyundai.

Ali Zulqarnain Assistant Professor in Industrial and Manufacturing Engineering Department, and Ag. Director Industrial Liaison, NED University of Engineering and Technology. He is an alumnus of NED from where he did his Masters in Mechanical Engineering with specialization in Manufacturing and currently pursuing his PhD. in Quality Engineering. He is a certified and qualified Six Sigma Black Belt. His expert areas are Six Sigma, Statistical Process Control and Total Quality Management. He has written/reviewed number of Research Publications in the areas of Quality and Manufacturing. He has been associated with IBA and conducted Workshops on Applicative Six Sigma, and Cost of Quality. He also conducted several corporate training programs and completed consulting projects in industries related to his interpret areas. related to his interest areas.

BENEFITS/ LEARNING OUTCOMES
In this era of high competition i.e. competing not only against local companies but against global players, quality is one of the issues where companies and managers can never compromise. By going through this workshop corporate-managers, senior-engineers and professionals better equip themselves with:
a. Bird's Eye View of Quality Management & its Evolution
b. Cost of Quality (CoQ) & its Development
c. Development of CoQ Categories and Elements for your department
d. Development of CoQ Bases as KPIs at strategic and tactical levels
e. Implementation of CoQ Program in your company

### TOPICS COVERED

#### Introduction to CoQ

Introduction (Level: Knowledge) **Program Objectives Evolution of Quality Management & Principles** Linking Quality Improvement to Profits History of Cost of Quality (CoQ)

#### Cost of Quality Basics (Level: Comprehension)

Definitions, Terminology and Concepts CoQ Categories

CoQ Elements

CoQ Bases (Individual-Exercise)

#### CoQ Program Implementation

Cost of Quality Measurement (Level: Application) How to measure CoQ? CoQ Models in Practice Application of CoQ (Team-Exercise)

## Workshop Fees PKR 40,000/participant

Inclusive of Course material IBA Workshop Certificate Lunch Refreshments & Business networking

Experience

# EXECUTIVE Centre for Executive Education, IBA, Karachi

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#### For Further Information

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