



*Training Session*

# Outcome Based Education (OBE) and Academic Quality Assurance

*Oct 15, 2018*



Quality Enhancement Cell  
**Foundation University Islamabad**

**Prof. Dr. Kamran Moosa**  
(Resource Person)



Dr. Kamran Moosa is specialist in Quality Assurance & Management, Six Sigma and Academic Quality Assurance & Outcome Based Education; with wide range of national and international experience with industries, universities, service sectors and government organizations. He is the Chief Executive of PIQC Institute of Quality. He has authored 3 books and co-authored one on Quality Assurance and Management. He was selected as a national expert in total quality management by the Asian Productivity Organization (APO) Japan. He was the founding chairman of Quality and Productivity Society of Pakistan (QPSP), Honorary Director of Middle East Quality Association (MEQA), Chief Editor of two international magazines on Quality, and Senior Member of American Society of Quality (ASQ). He is a professor of Quality Management teaching at the Master's Degree levels and international consultant of Six Sigma, SPC, Lean Management, Business Excellence, Balanced Scorecard and Outcome Based Education (OBE). He is also a lead instructor for Six Sigma Black/Green Belt of Singapore Quality Institute and ISO 9001:2015 Lead Auditors IRCA-UK accredited course. He is presently contributing in many national and international professional forums for the development of Quality.

## **One Day Training on Outcome Based Education (OBE) and Academic Quality Assurance 15<sup>th</sup> Oct 2018**

**A** One day training session on “Outcome Based Education (OBE) and Academic Quality Assurance” was organized by QEC on 15<sup>th</sup> Oct, 2018 in the Seminar Hall of FURC. The Resource Person was Prof. Dr. Kamran Moosa CEO, Principal Consultant and Corporate Trainer at Pakistan Institute of Quality Control (PIQC).

Prof. Dr. Kamran has very generously allotted 50 free of cost online training slots on Outcome Based Education (OBE) and Academic Quality Assurance for FUI faculty and management staff. Schedule of training session was as under:

<b>Proceeding Sessions</b>	<b>Schedule Time</b>
<b>Faculty Session 1</b>	09:00 AM to 10:30 AM
<b>Tea Break</b>	10:30 AM to 11:00 AM
<b>Faculty Session 2</b>	11:00 AM to 01:00 PM
<b>Lunch Break</b>	01:00 PM to 02:00 PM
<b>Student Session</b>	02:00 PM to 03:00 PM

The details of session wise proceedings are as under:

### **Session 1:**

In the opening session, Ms. Sundus Iqbal, Data Analyst QEC welcomed Prof. Dr. Kamran and the participants. Dr. Kamran presented the agenda of training session with the following contents:-

#### **A. Learning Minds**

- a. Metacognition “Qualified vs. Competent.
- b. Stages of Developing Competency.
- c. Quality Assurance and Improve Quality
- d. Quality and National Education Objectives
- e. Illusion of Competency

Question and answer session with Dr. Kamran was very useful. Dr. Kamran further enlightened participants on improving teaching skills and teaching quality assurance in accordance with OBE.

### **Session 2:**

The session started at 11:00 AM followed by the summary of Session 1. The contents covered during session were:-

## **B. Learning Levels**

- a. Learning Domains of Bloom's Taxonomy
- b. Bloom's Cognitive Domain
- c. Measuring Quality of Exams
- d. SOLO Taxonomy
- e. Academic Quality Assurance

## **C. Quality Assurance Strategies for Ensuring Effective Learning**

- a. Setting and Enhancing Learning Goals
- b. Use Bloom's Taxonomy as a Framework
- c. SARs, Grade and Documentation should not be final destination of Academic Quality Assurance.
- d. QEC should develop Framework to improve Learning Outcome.
- e. QEC with Controller of Exam should measure Bloom's Level.
- f. Students should also improve Learning Skills using Metacognition.

At the end of the session, productive question and answer session was held with the resource person. Feedback was collected from all participants for evaluation of the training session. Prof. Dr. Kamran explained to the participants on how to effectively and efficiently optimize their available resources. He also highlighted the use of recorded lectures of renowned professors of various high ranked universities in classroom teaching to explain the complex concepts. It shall not only improve teaching in class but also help students to enhance their learning skills and will develop the habit of students to explore such online lectures themselves.

### **Students Session:**

A one hour session on "OBE and Metacognition" was organized for the students of FURC to improve their learning process. The contents covered in this session were:-

#### **A. The Learning Mind**

- a. Qualified vs. Competent
- b. Stages of Developing Competency
- c. Outcome vs. Output
- d. Maturity among Students
- e. Illusion of Competency

#### **B. Metacognition**

- a. Learning Memories

- b. Employer Definition of Quality
- c. Top 15 Teaching Errors in Universities

During question and answer session students seemed curious and enthusiastic to know the ways to improve their learning skills. Dr. Kamran explained to the students that they must use online resources to learn from the lectures of international scholars / teachers.

## Feedback Evaluation Report

In order to evaluate feedback of the participants, likert scale analysis tool is used.

The score card of the likert scale and results are as under:

<b>Strongly Agree</b>	<b>Agree</b>	<b>Neutral</b>	<b>Disagree</b>	<b>Strongly Disagree</b>
<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>

<b>Questions</b>	<b>Average</b>	<b>%age</b>	<b>Interpretation</b>
The objectives of training were clearly defined.	4.58	91.6	The objectives / content are significantly cleared.
Participation and Interaction was encouraged.	4.42	88.4	Participants were appreciated Q/A session.
This Topic / content covered were relevant to me.	4.45	89.0	Training is relevant with audience work.
This training experience will be useful in my work.	4.52	90.4	Training Session is highly pertinent with audience job activities.
The training objectives were met.	4.35	87.0	The objective of training is significantly met.
The time allotted for the training was sufficient.	3.97	79.4	Time was sufficient but need more focused and in detail training.
The meeting room and facilities were adequate and comfortable.	4.52	90.4	Facilities were greatly appreciated and up to standards.
The content of this activity matched announced objectives.	4.42	88.4	Contents and objectives was mutually Consistent.
I would recommend this training to my colleagues.	4.55	91.0	Significantly positive.

**Recommendations of Participants:**

1. Respondent highly appreciate training topic selection and initiative taken by QEC.
2. The content covered was very informative, useful and delivered effectively.
3. Need more focused and in detail session on this topic as OBE is vast topic and could not be covered in single day.
4. Training Session was highly pertinent with audience' job activities.
5. Time allotted for this training was insufficient.
6. More training on relevant topics should be conducted for better understanding.

**Graphical Representation:**

