

National Workshop on Engineering Curriculum Development



29th April 2019

PEC HQ, Islamabad



Background

The engineers have pivotal role in the infrastructure development, nation building and the overall economic growth. The strong foundation, scientific knowledge and application techniques are fundamental pillars towards competent engineering graduates. The technological developments are happening at a faster rate where emerging trends and new subjects are being introduced which require continuous updation of curriculum and scheme of study as a regular fashion to cope with the needs of the country as well as the society.

Pakistan Engineering Council over the time has transformed the engineering programs from traditional education to an outcome-based education (OBE) system where the learners have an ongoing assessment mechanism. OBE system clearly focuses and organizes everything in an educational system what is essential for all students to be able to do at the end of their learning experiences. In this context, a rigorous cycle in the design and development of an engineering program involves baseline information, specific industrial needs, regional and global trends and above all the stakeholders' consultation.

Workshop Objectives

The workshop focuses on a stakeholder consultation to exchange trends and challenges being faced in the engineering education in the wake of growing complexity of the developmental and management needs, attracting innovative solutions and emerging technologies.

Major Themes

The workshop would cover but not limited to the following themes;

- ✚ Trends & Challenges in Engineering Education
- ✚ Curriculum Design for Outcome-based Education System

Workshop Participants

The participants are expected from industry, academia, researchers, policy makers and leaders in higher education.

Expected Outcomes

The workshop would benchmark and set dimensions for translating into minimum national standards while guiding the HEIs for the design and development of need-based curriculum dynamic in nature but market-driven.

Workshop Program

0900-1000	Registration
1000-1045	Inaugural Session
1045-1100	Tea Break/ Networking
1100-1145	Trends & Challenges in Engineering Education
1145 -1230	Curriculum Design for Outcome-based Education System
1230-1300	Discussions and Feedback
1300-1310	Concluding Remarks
1310 onwards	Lunch

Registration Mechanism

All interested individuals may participate through registration at the contact given below;

Additional Registrar-CPD
Pakistan Engineering Council
Ataturk Avenue, Sector G-5/2
Islamabad
Ph: 051-2876702, 2870191
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