



# PEC Newsletter

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Volume 42, Dec 2018  
(Oct - Dec, 2018)

## This issue includes:

- Chairman HEC visit to PEC
- 27<sup>th</sup> AGM of PEC held at Lahore
- Visit of Minister for Science & Technology
- 33<sup>rd</sup> Governing Body Meeting of PEC
- World Bank delegation relating Building Code of Pakistan Updation
- Training on Innovation Management in SMEs for 07 Regional Countries
- 2<sup>nd</sup> Meeting of PEC Engineering Curriculum Review & Development Committee
- PEC Initiative - Free Microsoft Professional Certification for Engineers & Students
- Delegation from Nigerian Engineering Council (COREN) visited PEC
- 89<sup>th</sup> Meeting of EA&QEC/ EAB for Accreditation of Engineering Programs and Allied Affairs
- PEC Announced Result for 13<sup>th</sup> EPE
- PEC to hold 2<sup>nd</sup> Deans Conference in April 2019
- International Seminar on D i a m e r - B h a s h a Hydropower Project in February 2019

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## Chairman HEC Visit to PEC

On 6<sup>th</sup> December 2018, a delegation of Higher Education Commission along with Dr Tariq Banuri, Chairman HEC visited PEC Headquarters. The Chairman PEC Engr Jawed Salim Qureshi shared PEC efforts towards quality engineering education and progression of engineering profession in line with international standards and best practices. He also highlighted new initiatives, reforms and future plans for the engineers and the engineering sector with the main objective of transparency, efficiency and ensuring overall vision of economic growth in the country. Dr Banuri appreciated the reforms and initiatives pursued by PEC and assured full support. The matter of National Technology Council including its draft Bill was also discussed, wherein it was agreed to identify conflicting clauses in NTC Bill as PEC is regulating engineering profession as a whole since its establishment under PEC Act. During the meeting, senior management of HEC and PEC were also present.



## 27<sup>th</sup> Annual General Meeting held at Lahore

The 27<sup>th</sup> AGM of Pakistan Engineering Council was held at University of Engineering & Technology Lahore on 29<sup>th</sup> November 2018. A large number of engineers participated besides engineering students of various universities. The past Chairpersons' PEC especially Engr Dr M Akram Sheikh and Senator Rukhsana Zuberi also participated. During their address, they appreciated vital initiatives taken during the tenure of present Chairman, especially the international accomplishments, mainly Washington Accord and IPEA full signatory status. Besides formal transaction of business during the AGM as per PEC Act mainly presentation of PEC Annual Report / progress, Audited Accounts, Annual Budget and Appointment of Auditors; numerous motions were also put forward by several



engineers and accepted with majority of votes mainly; setting up Technology Parks, Engineers' Welfare Clubs, Housing Colonies and other welfare activities for the engineers and engineering profession.



### Visit of Minister for Science & Technology

Mr Azam Khan Swati, the then Minister for Science and Technology soon after taking the change, conducted visit of PEC on 9<sup>th</sup> October 2018. A detailed presentation relating working and performance of PEC was made by Chairman PEC. Numerous reforms and initiatives taken during the current regime were also shared especially creating job opportunities for fresh engineers and ensuring active role of local consulting and constructors firms in the large projects by foreign firms. The efforts on the Engineers Service Structure were also highlighted.



While appreciating the efforts and initiatives of PEC, the Federal Minister assured his full support in furthering the reforms for quality of engineering education and growth of the engineering profession.

He also assured his support towards the Service Structure of Engineers. Several PEC Governing Body Members and



senior officers at Headquarters were also present during the briefing.

### 33<sup>rd</sup> Governing Body Meeting of PEC

The 33<sup>rd</sup> Governing Body meeting was held on 28<sup>th</sup> November 2018 at Lahore. The major agenda items, besides confirmation of minutes and progress thereafter, discussed and necessary decisions taken during the meeting were related to engineering education, PEC HR matters and launching of engineering journal by PEC. This initiative was much appreciated by all the members wherein the representation of all the stakeholders/ experts in Editorial Board was stressed along with its early implementation and functioning.



### World Bank delegation relating Building Code of Pakistan Updation

An experts visit of World Bank delegation visited PEC Headquarters on 27<sup>th</sup> November 2018 wherein PEC efforts for the Codes and Standard Development were much appreciated besides identification of areas of mutual cooperation and assistance especially; updation of



Seismic Code of Pakistan, capacity building of implementing and stakeholder bodies, and awareness towards wider adoption.



### **Training on Innovation Management in SMEs for 07 Regional Countries**

A 4-day Regional Training on "Innovative Management in SMEs" was organized during October 2018 by PEC in collaboration with Asia Productivity Organization, Tokyo and National Productivity Organization (NPO) through Video-Link/ Webinar, wherein simultaneously professionals from 07 countries participated (Iran, India, Philippine, Fiji, Sri, Vietnam and Pakistan). The participants shared experiences from their respective countries and presented outcomes of case studies.



### **2<sup>nd</sup> Meeting of PEC Engineering Curriculum Review & Development Committee**

After revolutionary transformation of Outcome Based Education (OBE) system and Outcome Based Accreditation (OBA) in line with Washington Accord requirements, PEC has taken the lead in standard setting for courses of engineering education/ curricula review and development. A high-level Experts Committee has been constituted by PEC Governing Body under provisions of

PEC Act, namely Engineering Curriculum Review and Development Committee (ECRDC) to undertake the review and development of undergraduate engineering curricula for all disciplines. The recommendations would be forwarded to HEC for adoption and necessary notification. The process would involve consultation with all relevant stakeholder mainly industry, academia and alumni as well as taking into consideration national and global trends, policies and economic dynamics.



### **PEC Initiative - Free Microsoft Professional Certification for Engineers & Students**

The PEC is also introducing innovative job-oriented professional development and skill enhancement courses and certified trainings for the engineers and professionals.

In continuation of such efforts, PEC took another initiative by launching free Microsoft Professional Certification for the engineers and engineering graduates of the country. The



prime objective of such certification is to develop employability skill, enhancing employment opportunity and entrepreneur motivation amongst youth. Receiving overwhelmingly response, PEC through Pre-registration, has arranged MOS certification for 15,000+ engineers and engineering students with the help of engineering universities and institutions (public and private both) and technical assistance by TEC - an International Certification provider in Pakistan. The next stage would be competitions towards National Champions amongst engineering students leading towards international competition.

## Delegation from Nigerian Engineering Council (COREN) visited PEC

PEC is also playing a dynamic role amongst Islamic countries for the promotion of quality engineering education being an active member of Federation of Engineering Institutes of Islamic Countries (FEIIC). After becoming the Washington Accord signatory in 2017, PEC is mentoring Nigeria through COREN (Council for the Regulation of Engineering Nigeria) towards Washington Accord provisional status. The engineering education standards and best practices are being shared. As part of mentoring process, a delegation of COREN visited PEC Headquarters during November 2018 besides visits of various HEIs in Islamabad as part of knowledge exchange and learning process.



## 89<sup>th</sup> Meeting of EA&QEC / EAB for Accreditation of Engineering Programs and Allied Affairs

After PEC Elections in August 2018, the constitution of new EAB/ EA&QEC was notified, which held its 1<sup>st</sup> meeting on 24<sup>th</sup> November 2018 to take up the matters relating accreditation, re-accreditation and green-signals for engineering programs besides numerous reforms in education system and policy formulation. The EAB approved nearly 100 engineering programs of various disciplines from all over the country under Level-II (programs under Washington Accord) and Level-I (under Manual-2007) according to the satisfaction level of the respective programs. The next meeting of EAB would be held in January 2019 to expedite the accreditation process under Washington Accord framework and other reforms towards quality engineering education under OBE system.

## PEC Announced Result for 13<sup>th</sup> EPE

In the wake of changing standards of quality engineering education and competitiveness in the engineering profession, PEC is keeping abreast with the international standards and global best practices. Under CPD framework, in order to attain the level of Professional Engineer (PE) from a Registered Engineer (RE), acquiring CPD points and passing EPE (Engineering Practice Examination) are integral parts of the process. PE has privileges over RE in terms of independently signing the design and vetting of technical procedures and specifications besides better career growth and international licensing.

The 13<sup>th</sup> EPE was held in Fall-2018 wherein 250 eligible engineers from different disciplines appeared in the exam out of 300 applicants. The passing rate of candidates in Part-I was 75% whereas 67% in Part-II. A candidate not qualifying in any part may re-appear in only that part in the next three consecutive attempts. The next EPE (Summer-2019) is scheduled to be held in the last week of April 2019 for which announcement will be made through newspapers & also on PEC website.

## PEC to hold 2<sup>nd</sup> Deans Conference in 2019

After the success of 1<sup>st</sup> Deans Conference during February 2018, PEC is holding 2<sup>nd</sup> Deans Conference under the theme "Globalization of Engineering Education and Practice" from 8 - 9 April, 2019 in Islamabad. The Conference participants would be from WA member countries, South-Asia region, and OIC Islamic countries besides renowned academicians and industrial experts in Pakistan.

## International Seminar on Diamer-Bhasha Hydropower Project in February 2019

PEC under its mandate, inert alia, is also working as Think Tank to the Federal Government to give expert advice on technical issues of national importance. Diamer-Bhasha Hydropower Project is of great importance to meet the water demand for both food and energy needs of the country. PEC is holding an intentional seminar to unfold its technical, commercial & financial modalities and at the same time identifying best viable model for implementation. Top World companies dealing in the investment and construction of Hydropower are invited to explore avenues and at the same time identifying best viable model for implementation.