



PEC Newsletter

Patron-in-Chief
Engr Jawed Salim Qureshi
Chief Editor
Engr Dr Ashfaq A. Sheikh
Vol. 46, December 2019
(Oct – Dec, 2019)

This issue includes:

- 2nd PEC Deans International Conference
- 36th Meeting of PEC Governing Body
- Training Workshop jointly organized by PEC and PHEC for Faculty/ PEVs
- PEC Delegation joined 33rd FEIIC Council Meeting & General Assembly at Makkah, Saudi Arabia
- Visit of China Association of Science and Technology (CAST) to PEC
- 40th meeting of Vice Chancellors' Committee
- Industrial Consultation Workshop on Capacity Building & Skill Enhancement for Engineers at ICCI
- 26th EPDC Meeting on CPD affairs
- 5th Meeting of Engineering Curriculum Review & Development Committee
- Japan delegation visit to PEC
- PEC conducted 15th EPE for elevation of engineers from RE to PE

Feedback & sharing news:
drashfaq@pec.org.pk
(+92) 51-2876702

2nd PEC Deans International Conference on Globalization of Engineering Education & Practice

Pakistan Engineering Council (PEC) has achieved a number of milestones towards International recognition, including Washington Accord full signatory status and licensing authority for International Professional Engineer under the umbrella of International Engineering Alliance (IEA), besides Memberships of FEIIC, FEIAP and NABEEA in the recent period.

PEC in its efforts towards quality engineering education and after successful conduct of 1st Deans International Conference in 2018, organized 2nd Deans Conference with the theme "Globalization of Engineering Education and Practice" at Islamabad from 14 - 15 October 2019. The Conference was inaugurated by the President of Pakistan Dr Arif Alvi whereas the Federal Minister for Science and Technology Chaudhry Fawad Hussain chaired the closing ceremony. The conference was attended by large number of experts and professionals from Washington Accord countries, OIC states and Asia-Pacific Region besides local universities and technical organizations. The conference declaration included: strong commitment to continue through such platforms to collaborate and share insight by both the industry and academia on the implications of rapidly changing domestic and international dynamics towards quality engineering education through knowledge exchange, capacity building and mutual recognition.





36th Meeting of PEC Governing Body

The 36th meeting of PEC Governing Body was held on 30th December 2019 at PEC Headquarter Islamabad. The major agenda items besides Oath taking of newly nominated Members, were related to accreditation and engineering education, amendments in Constructors Byelaws, and construction of PEC office buildings at Lahore, Peshawar and Islamabad along with renovation of Quetta Office. The Governing Body resolved for not supporting the proposal for establishment of Construction and Infrastructure Board as neither PEC has been consulted nor any feedback sought yet being the only regulator and long experience of relevant standard setting in the country.



Training Workshop jointly organized by PEC and PHEC for Faculty/ PEVs on Outcome-Based Education and Complex Engineering Problems

As part of efforts towards implementation of Outcome-Based Education and Accreditation System in the country, PEC in collaboration with Punjab Higher Education Commission (PHEC) organized a 2-day training workshop on Outcome-Based Education and Complex Engineering Problems at Lahore during October 16-17, 2019. The

main objective of the training was to train the Faculty/ PEVs in OBA system for the capacity building and to enhance the available pool of subject experts. The joint workshop participants were mainly from the industry and technical organizations whereas Prof. Dr Megat Johari Mohd Noor from Malaysia was the lead Resource Person. Half-day training session was also conducted by Mr. Neville Gaunt from England through webinar on "Importance of a Can Do attitude to performance and productivity" as a part of the training.



PEC Delegation joined 33rd FEIIC Council & General Assembly at Makkah, Saudi Arabia

PEC being an active member of Federation of Engineering Institutions of Islamic Countries (FEIIC) participated in the 33rd Council and General Assembly meetings besides contribution in the 2nd Engineering Qualification Accreditation and Professional System (EQAPS) Workshop held at Makkah Saudi Arabia from November 2 - 6, 2019. A four-member delegation includes Engr. Prof Fazal A. Khalid, Engr. Dr Nasir M. Khan, Engr. Dr Sarosh H. Lodi and Engr Shoaib Ahmed Siddique represented on behalf of PEC.



The Chairman PEC had been re-elected as Deputy President of FEIIC. The Convener EA&QEC, Engr. Prof. Fazal A Khalid was elected as FEIIC Council Member. Engr. Dr. Nasir M Khan, Additional Registrar (Accr) as Vice Chair, Engineering Qualification, Accreditation & Professional System (EQAPS) project as being involved in all its activities including documentation for Makkah Accord and Madina Accords pertaining to engineering accreditation and professional system of FEIIC.

FEIIC Engineers Register (FER) was also inaugurated under Makkah Accord to register Professional Engineers to facilitate cross-border mobility among the member Islamic countries resulting in the enhanced job opportunities for engineering professionals and providing a database of relevant professionals for engineering companies.

Visit of China Association of Science and Technology (CAST) to PEC

In order to promote the International cooperation and progression of engineering profession, a Memorandum of Understanding (MOU) was signed in a ceremony between China Association of Science and Technology (CAST) and PEC in a ceremony held on 8th November 2019 at PEC Headquarter Islamabad. The CAST delegation was led by Mr Meng Qinghai, Vice President CAST.



The MOU would facilitate bilateral cooperation by providing training opportunities for PEC registered and professional engineers, academic exchange programs, visits and professional trainings. Moreover, both bodies agreed for mutual cooperation through mutual recognition of accreditation and registration system towards standardization as per international best practices in-line with the IPEA.

40th Committee Meeting of Vice Chancellor of Engineering Universities

On 2nd December 2019, the 40th meeting of Vice Chancellors of Engineering Universities was held at PEC HQ Islamabad to discuss road map towards the future challenges of defining academic model, qualification framework and regulatory requirement for career growth. The meeting was attended by Vice Chancellors of various engineering universities over the country and chaired by the Chairman PEC. The Committee agreed to launch identified courses, certifications and postgraduate programs to produce highly knowledgeable and skillful engineers who can effectively contribute towards the success of CPEC project and development of the country.



Industrial Consultation Workshop on Capacity Building & Skill Enhancement for Engineers at ICCI

An Industrial Consultation Workshop on “Capacity Building & Skill Enhancement for Engineers” was conducted on 3rd December 2019 at Islamabad Chamber of Commerce and Industry (ICCI). The workshop was attended by large number of representatives from industry, consulting firms, technical organizations and academia besides senior management form ICCI and Engr. Shoaib Ahmed Siddiqui and Engr Dr Ali Sajid from PEC.

The main objective of the workshop was stakeholder consultation to exchange trends and challenges being faced in the engineering and industrial sector, and skill-sets needed for the engineers to play their productive role in the industry as well as to be competitive in the national and international job-markets. The workshop participants shared their feedback in connection with the role of

engineers in the growth and development of industry. The ICCI Management extended all its support to join hands with PEC towards capacity building and internship facilitation for the young engineers through an MoU.



26th Meeting of Engineering Professional Development Committee (EPDC)

The Engineering Professional Development Committee (EPDC) held its 26th meeting on 7th November 2019 at PEC HQ Islamabad to review and evaluate the progress of various initiatives and activities under CPD Department for skill enhancement and capacity building of engineers besides endorsement of result of 15th EPE. The EPDC was also apprised about the outcomes of consultative workshops held at Lahore Chamber of Commerce & Industry (LCCI) and Karachi Chamber of Commerce & Industry (KCCI) as a part of need-assessment for capacity building and skill enhancement of engineers.



5th meeting of Engineering Curriculum Review & Development Committee (ECRDC)

The 5th meeting of Engineering Curriculum Review & Development Committee (ECRDC) was held on 5th October 2019 at PEC HQ Islamabad to review the progress regarding curriculum review of existing as well as development for new/ emerging disciplines based on OBE system. Altogether 30 disciplines were being taken by PEC

including review and development of 16 undergraduate engineering disciplines.

The meeting was chaired by Engr. Prof Dr Fazal Ahmad Khalid as Convener whereas Engr. Raza Chohan, Director General (Acad) Higher Education Commission and all other members of the Committee were also present. The Committee was apprised about the progress made towards curriculum review and development of various disciplines by respective ECRDCs. The Committee also agreed for mandatory faculty training/ internship in order to have latest knowledge and learning about advanced technologies ultimately reflective in their teaching and assessment.

Japanese Delegation Visit to PEC

On November 13th 2019, a Japanese delegation visited PEC HQ to have a detailed conversation about role of PEC regarding the regulation of engineering profession and Codes in Pakistan. As a part of PEC efforts towards international recognition, PEC being a signatory of WA and member of various international fora, exchanged ideas towards international collaboration among countries for progression of engineering profession.



PEC conducted 15th EPE for elevation of Engineers from RE to PE

As a part of PEC efforts towards professional growth of engineers under CPD framework, the 15th EPE was successfully held on 27th October 2019 in all five major cities simultaneously wherein 266 eligible engineers from different disciplines appeared. The next EPE will be held on 19th April 2020 for which formal announcement has been made.