



PEC Newsletter

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Federal Minister for S&T Visited PEC

On 25th April 2019, the Federal Minister for Science and Technology Mr Fawad Ahmad Chaudhry visited PEC. The Chairman Task Force on Energy Mr Nadeem Babar also accompanied him. 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 efforts for quality of engineering education, creating job opportunities for fresh engineers and ensuring active role of local consulting and contractors firms in the execution of 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. During this session, Dr Baquer Raza, Director General, Pakistan Council for Renewable Energy Technologies (PCRET) also made a detailed presentation relating role, functions, achievements and partnership activities of his organization, under the Ministry of Science and Technology.



34th PEC Governing Body Meeting

The 34th Governing Body meeting was held on 2nd May 2019 at PEC HQ Islamabad. The major agenda items besides Oath taking of newly nominated/ elected Members, confirmation of minutes and progress; included matters relating engineering education, PEC HR affairs, and amendments in Constructors Byelaws. The Governing Body resolved for not compromising the quality of engineering education and maintaining the highest standards and best practices besides welfare activities for the betterment of the engineers.



National Consultative Workshop on Engineering Curriculum Development

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 setting standards for courses of engineering education/ curricula review and development. A high-level Experts Committee has been constituted under the 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.

As part of the process, PEC organized a National Consultative Workshop at Islamabad on 29th April 2019 by involving all relevant stakeholder mainly industry, academia and alumni while taking into consideration national and global trends, policies and economic dynamics. The workshop was attended by Vice Chancellors, Rectors and Deans of Engineering Universities besides representatives from HEC, industry, public organizations and consulting firms such as NESPAK, ACE, Nestle Pakistan, POF, WAPDA, IRS, EDB, FWO, NHA, CDA, PCRWR, NIE.

The PEC initiative on stakeholder consultation was much appreciated and it was unanimously agreed for establishing a strong link between academia and industry so that the program design and curriculum development should encompass the dynamics of technological advancement, industrial needs and management cum communication skills for engineering graduates. Such kind of consultative sessions were also recommended to be organized in other parts for the country for wider coverage.



Chairman PEC inaugurated ACEP Secretariat at Karachi

The first-ever secretariat of the Association of Consulting Engineers Pakistan (ACEP) was inaugurated by Engr Jawed Salim Qureshi, Chairman, Pakistan Engineering Council (PEC) while Advisor to Sindh Chief Minister, Engr Ashfaq Memon, and Engr Najeeb Haroon, MNA, were the Guest of Honour on the occasion. Speaking on the occasion, Engr Javed Salim congratulated the ACEP for having established its own secretariat to help coordinate its activities on national level. He gave his firm assurance to engineers to protect their due rights besides other related matters like sales tax, foreign consultancy, positioning of non-engineers on engineer's posts and status of diploma engineers.



The PEC Chairman informed about the reforms taken by during his tenure to transform the Council into a vibrant, friendly and one-window operation service for engineers. He declared that the PEC planned to start an engineers' bank for the welfare of engineering fraternity. Engr Ashfaq Memon also commended the ACEP and extend his support for resolving the issues of consultant engineers with the Sindh Government. Engr Naeem Haroon, MNA, advised all the consultants to come forward and sit together to work for the betterment of engineer.

Industrial Consultation Workshop for Capacity Building & Skill Enhancement of Engineers

On 18th May 2019, an Industrial Consultation Workshop was held at Lahore Chamber of Commerce and Industry. Engr Almas Haider, President LCCI was also present besides other members of the Chamber and from the industry.



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 intended role in the industry as well as to be competitive in the national and international job-markets. The workshop was mainly attended by the representatives from industry, consulting

firms, and academia. This was part of PEC efforts for the professional growth and skill enhancement of ever growing engineering community.



Under New Vision of CPD Framework, specialized job-oriented and global certification courses are being introduced to enhance employability and on-job performance. For wider coverage and remote outreach, webinars and video-conferencing facilities have also been integrated. This Vision envisages 100,000 jobs for fresh engineers in next 5-years not only in national but international job-markets. Nevertheless, the effectiveness of all such efforts rests with the stakeholder's feedback and need-assessment for which industrial consultative workshops are being organized in various parts of the country.

14th EPE held for elevation of Engineers from RE to PE

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 14th EPE was held in Spring-2019 wherein 252 eligible engineers from different disciplines appeared in the exam out of 283 applicants. The passing rate of candidates in Part-I was 68% whereas 63% 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 (Fall-2019) is scheduled to be held in the last week of October 2019 for which announcement is being made through newspapers & also on PEC website.

PEC organized 1st ever Training for newly appointed Assistant Registrars

With the passage of time, PEC has transformed into a world-renowned professional body with international linkages and regional connections. Further setting facilitation centres through branch offices and expanding functional activities, require qualified and trained professionals to undertake the new tasks and technical affairs. PEC has organized a three-weeks training during June 2019 for its newly appointed Assistant Registrars. The main objective was getting familiar with the PEC Act, Byelaws and regulations besides hands-on training in various departments of PEC, making them more effective in performing their job at Headquarter as well as in the Branch Offices.



92nd Meeting of Engineering Accreditation Board/ EA&QEC

The Engineering Accreditation Board/ EA&QEC held its 92nd meeting on 12th April 2019 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 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 working of other Sub-Committees of EAB and accreditation visits are continuing to expedite the accreditation process under Washington Accord framework and other reforms towards quality engineering education under OBE system.



25th EPDC meeting on CPD Affairs

Engineering Professional Development Committee (EPDC) is responsible for the planning, monitoring and implementation of continuing professional development activities for the engineers. The 25th meeting of EPDC was held on 3rd May 2019 at PEC HQ Islamabad. The main agenda items covered; framework for improving efficiency and monitoring of registered PEBs (Professional Engineering Bodies) through 07 Regional Committees, endorsement of 14th EPE result, CPD activity calendar-2019, developing framework for International Professional Engineer and allied affairs. The EPDC also constituted Sub-Committees to review and update the EPE Curricula for all engineering disciplines making compatible with IPEA requirements. Further to develop curricula for new/ emerging disciplines being accredited and thereby registered with PEC such as Geoinformatics, Geological, Food and Energy Engineering.

