



The 4th FEIAP Convention and 25th General Assembly Meeting 2017

by Ir. Dr Leong Wai Yie

Ir. Dr Leong Wai Yie is currently the Chairman of Women Engineers Section (WES).

The 4th FEIAP Convention and 25th General Assembly Meeting was held from 16-17 May 2017 in Islamabad, Pakistan organized by The Pakistan Engineering Council (PEC) and National University of Sciences & Technology (NUST) with the theme of the convention as “Innovation and Engineering Education for Society, Development, and Sustainability”, focusing on the challenges, current practices and advancement in the engineering profession and its contributions to the society. The Convention also included the four subthemes of “Engineering Education”, “Environmental Engineering”, “ICT Role in Sustainable Solutions”, and “Natural Disaster Support Engineering”, which were associated with the Standing Committees of FEIAP.

During the Opening Ceremony at the National University of Sciences & Technology (NUST), the President of FEIAP, Prof. Dr John Li Chien-Chung indicated that this convention has provided a strategic networking platform for the region’s research and development experts, and academics and technopreneurs in the field of engineering. The Convention was declared opened by Mr Rana Tanveer Hussain, Federal Minister for Science and Technology on the morning of 16 May 2017. Also present at the opening ceremony was the Chairman of Pakistan Engineering Council Engr. Jaweed Salim Qureshi, the Convener Engr. Zahid Arif, NUST Rector Lieutenant General Naweed Zaman, FEIAP Immediate Past President, Academician Dato Ir Prof. Dr Chuah Hean Teik, and FEIAP Secretary General, Ir. Tan Yean Chin.

In the one-day program, there were 5 keynote speakers and 27 paper presentations for the four sessions. FEIAP Immediate Past President, Academician Dato Ir. Prof. Dr Chuah Hean Teik, Dr Khairiyah Mohd Yusof (UTM, Malaysia), Mr Ahmad Kamal (NDMA, Islamabad), Dr. Javed Iqbal EPA (Punjab) and Dr. Shoab Khan (CEME, NUST) were the keynote speakers for the five sessions. The authors from Malaysia, namely Ir. Dr. Leong Wai Yie, Ir. Dr. Norlida Buniyamin and Dr. Habibah Norehan Haron shared their innovative contribution on “Engineering Education, Standardization and Accreditation System”. The convention program has provided invaluable resources of information for the brightest engineering minds to interact in technical exchanges, shared personal experiences and networked on related issues concerning Asia and the Pacific region.

In the evening, PEC hosted a welcome reception to the delegates from Taiwan, China, Korea, Malaysia, Philippines, Myanmar, Singapore, Indonesia, Nigeria, Netherland and Pakistan at the National University of Sciences & Technology (NUST).

The Members of the FEIAP economies were gathered on 17th May 2017 for the meetings of the various Standing Committees. The Standing Committee on Environment Engineering chaired by Er Chong Kee Sen of IES, updated on issues of setting-up Green Product Listing and Active, Beautiful, Clean Waters (ABC Waters). The Standing Committee would be able to provide more training courses to the FEIAP economy. The Standing Committee on Engineering Education chaired by Academician Dato Ir. Prof Dr Chuah Hean Teik looked into mentorship training and had embarked on the effort to guide member economy such as Myanmar Engineering Council (MEngC), Philippines Technological Council (PTC), The Council for the Regulation of Engineering in Nigeria (COREN) and The Institution of Engineers, Papua New Guinea (IEPNG) to attain a status recognized by FEIAP Engineering Education Guidelines which is an equivalent to the accreditation process of Washington Accord. This outcome based engineering education training by FEIAP as Mentors to these economies had now extended to other economy such as Association Nation of Engineers, Timor Lester (ANETL) and for this UNESCO had agreed to finance the mentorship training effort to Cameroon and Nigeria in Africa. Ir Lee Boon Cheong and Ir Dr. Tan Chee Fai updated the accreditation workshop held in Lagos in Nigeria, to evaluate for compliance with the FEIAP Engineering Education Guidelines. The Secretary General, Ir. Tan Yean Chin represented Mr , Navin Vasoya, President of The Institution of Engineers, India, (IEI) to chair the Standing Committee on Information and Communication Technology, touching on updating, financing and maintaining of the FEIAP website. The Natural Disaster and Preparedness Work Group had been upgraded to the status of the Standing Committee and chaired by Mr Sugk-Yong Yoon of Korea Professional Engineers Association (KPEA). Various discussions and strategies were exchanged on initiatives and contributions on issues of preparedness for disaster and mitigation efforts.

The Convention and meetings concluded with the 25th FEIAP General Assembly on the afternoon of 17 May 2017. Also present at the General Assembly was Dr Shahbaz Khan Director of UNESCO Cluster Office in Jakarta and Regional Bureau for Science in Asia and the Pacific serving as UNESC Representative to Indonesia, Brunei Darussalam, Malaysia, the Philippines and Timor Leste who took time to join FEIAP in its annual activities.

The General Assembly also admitted The Royal Netherlands Society of Engineers (KIVI) as a member economy. The General Assembly had agreed to a careful study of the constitution to allow countries in Central Asia to consider joining FEIAP. FEIAP was also looking into the preparation for guidelines for mentorship of technologists and technicians which is the world trend in providing recognitions.

FEIAP was pleased to announce that Er Tan Seng Chuan, APEC Chair and a Past Chairman of FEIAP and IES (nominee of IES), and the Chair UNESCO-ISTIC, Academician Dato Ir Lee Yee Cheong (nominee of IEM) had won the Engineers of the Year 2017 award. Both Award winners presented their word of thanks on 17th of May on the night of the award held during the farewell banquet dinner.

The General Assembly ended with the Banquet Dinner at Pakistan National Council of the Arts with cultural performance in the evening of 17th May 2017. Beside the presentation of the award, the programme for the night included the cultural dances and traditional music from musical instrument of Pakistan.

A technical trip was arranged on 18th May 2017 to YF-17 Thunder Project, Karma, Taxila Museum and Centaurs Mall. The delegations were taken on a tour of the construction of the war planes site after a briefing session.

The event ended with a privately arranged sight-seeing tour of the town of Pakistan on 19th May for some of the delegation before they boarded the plane back to their respective countries.

Members were invited to bring a delegation to the coming 26th FEIAP General Assembly Meeting 2018 in Malaysia.



More than 300 delegates attended the The 4th FEIAP Convention at National University of Sciences & Technology (NUST)



Token of Appreciation from FEIAP to PEC



Technical trip was arranged on 18th May to YF-17 Thunder Project, Karma