

289th/2013 Central Council Meeting  
**IEP-RIC TO HOST THE  
46TH IEP CONVENTION OF THE  
INSTITUTION**

The 46th IEP Convention of The Institution of Engineers, Pakistan is being organized at Islamabad on September 21, 2013 (Saturday). Programme is suggested to include (i) inaugural session, for which a distinguished engineer will be invited to be the Chief Guest, and (ii) technical session to consist of four papers to be presented by eminent engineers and scientists on energy-related issues. This was decided in the 289th Meeting of the Central Council held at Multan on 6th July.

The programme also includes presenting IEP Excellence Award to HE Prof. Bakytzhan Tursynovich Zhumagulov, President FEIIC and Minister for Education & Science of the Republic of Kazakhstan as already decided by the IEP Headquarters.



Central Council Meeting and Annual General Meeting (AGM) are scheduled on September 22, 2013 (Sunday). Necessary arrangements are being made by the IEP-RIC, including the repair and maintenance of the IEP Building that would be the venue of the events.

257th/2013 Local Council Meeting  
**STEPS TAKEN FOR EXTENSION OF IEP BUILDING**

Action has been initiated for the conceptual designing of the new building as extension of the IEP Building at Islamabad. A bankable feasibility report is also required to be undertaken enabling IEP decision-making and seeking project financing, the IEP- Rawalpindi-Islamabad (RIC) Local Council was informed in its meeting held on 29th June.

Highlighting the salient features of the project, the Chairman informed that the basic idea was to construct a state-of-the art structure, finally to be of 09 storey that is allowed under the CDA bye-laws, with modern facilities. In the first phase, however, only two-storey building is planned to be constructed, which is estimated to cost Rs. 50 million. Engr. Abdur Rab, Chairman of the Building Committee-II is looking after the project.

A bank is considering to extend a loan of Rs. 20 million under its Islamic Financing Scheme, payable within six years with one-year grace period. To complete the loan application formalities, various documentations are required by the bank from the IEP HQs (the owner), which are being arranged. For the balance amount of Rs. 30 million required for the construction of first-phase of the project, the IEP HQs would be asked to sanction loan, for which principle approval has already been accorded by the Central Council.

Local Council discussed, in detail, various aspects of the proposed building project, and approved activities of the conceptual designing and preparation of feasibility study.



IEP PRESENTS  
SOLUTIONS TO CAPITAL  
PROBLEMS & ISSUES

IEP-RIC Specialists' Committee, headed by Engr. Muhammad Anjum Malik, retired Member Engineering of the CDA has prepared a detailed paper, discussing civic, environmental, transport, waste-to-energy and other issues and projects, suggesting viable solutions.

The Paper besides discussing the present situation, has recommended a number of measures/solutions to various problems and issues. Almost all areas of municipal administration starting with the Masterplan, Water Supply, Sewerage, Drainage, Parks/Green Belts, Encroachments, Kiosks/Khokhas, Solid Waste Management, City Transportation etc are falling short of the expectations, due to lack of attention and commitment by all concerned. IEP has offered to make a presentation to CDA on the issues and problems of the Capital City as well as providing technical assistance to the Authority.

IEP FELICITATES  
CHAIRMAN PAKISTAN SCIENCE FOUNDATION  
ON RECEIVING THE FRENCH GOVERNMENT AWARD

IEP-RIC has felicitated Prof. Dr. Manzoor H. Soomro, Chairman of the Pakistan Science Foundation on having received the Award Grade 'D' Officer (Order of Academic Palms) from the Government of France.

Chairman RIC in a letter addressed to Prof. Dr. Manzoor H. Soomro has acknowledged it as a matter of great national pride for Pakistani engineers and scientists.

The Academic Palm is a distinction initiated by Napoleon Bonaparte in 1808 to reward scholars from the Universities of Paris. It was subsequently extended to individuals who contributed to French culture and education. Since 1955, The French Ministry of Education has awarded it to personalities in the educational field who have shown outstanding devotion and accomplishments for the promotion of education.

### OUR CLIENTS

- \* Gulberg Residencia & Greens, Islamabad
- \* MPCHS (Sectors B-17 & F-17), Islamabad
- \* ECHS (Sector D-18), Islamabad
- \* CDA Sectors D-12, E-12, I-14 & I-16, Islamabad



### *Message from*

Engr. Muhammad Bashir Bangash  
CEO

### SIMPLIFYING ELECTRICAL SOLUTIONS

It is my immense pleasure to describe my views on behalf of Power Consulting Engineers (PCE), an entity poised to provide highest quality services in the domain of electrical power.

Power Consulting Engineers was established with a basic aim to design external electrification of Domestic, Commercial, High rise buildings and Housing Societies. The entity has successfully achieved the experience and at present is undertaking multi-dimensional power projects including alternate energy applications and design of Grid Station. PCE is also engaged in resolving power tariff issues of consumers with NEPRA and is at a state of a well-reputed power consulting firm in Pakistan.

The customer satisfaction, being the focal point, also gives a driving source in accepting the challenges subsequently resulting in rapid growth. This has come due to the concerted efforts of the team at PCE in collaboration and assistance of our valued customers.

The quality to learn from the past short-comings is inculcated in the employees of PCE in order to build an organization that delivers even better services and value to our customers.

Engr. Muhammad Bashir Bangash  
CEO PCE, ISLAMABAD



# The Institution of Engineers, Pakistan

announces holding of

## 46th IEP Convention on September 21, 2013 at Islamabad

Theme of the Convention will be the Exploitation of Indigenous Energy Resources in Pakistan including Hydel, Coal and Alternate Energy

IEP Members are requested to send their Papers (soft and hard copies) latest by September 5, 2013 at the under mentioned address

Participation in the Convention (including Technical Sessions) shall be only through Registration on Payment of Rs. 1,000 for IEP Members and Rs. 1,500 for Non-Members in Cash or through Pay Order/Bank Draft in favour of IEP-Islamabad, latest by September 10, 2013.

The registration fee covers Convention Folder, Refreshments, Lunch & Dinner.

IEP Member Entrepreneurs may contact us for the release of their advertisements in The Pakistan Engineer and other related Publications.

### THE INSTITUTION OF ENGINEERS, PAKISTAN

Rawalpindi-Islamabad Centre

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e-mail: iepislamabadcenter@gmail.com website: www.iepislamabad.org

## IEP extends technical assistance to CDA

The Institution of Engineers, Pakistan has offered technical assistance to the Capital Development Authority (CDA) for conducting studies and feasibility reports and implementation of its various schemes and projects.

IEP-RIC Specialists' Committee, headed by Engr. Muhammad Anjum Malik, retired Member Engineering of the CDA, has prepared a detailed Paper, discussing civic, environmental, transport, waste-to-energy and other issues and projects, suggesting viable solutions.

The Paper has been presented to Mr. Nadeem Hasan Asif, Chairman CDA, whereas copies have also been forwarded to Mr. Ejaz Ahmed Qureshi, Grievance Commissioner at the Wafaqi Mohtasib (Ombudsman) and Ch. Ali Ahmed Mujahid, Chairman of Welfare Committee of the Senior Citizens Foundation of Pakistan.

***Pakistan Hydel Potential***  
**Chairman IEP-RIC speaks at the**  
**Roundtable discussion**  
**organized by the Institute of Policy Studies**

It is not merely technical and implementation related issues which undermine hydel potential of Pakistan but inconsistent government policies, control and interference by non-professionals in purely technical subjects and financial constraints too are making the people suffer the load shedding and power cuts.

It was observed by energy experts in a discussion on Pakistan's hydel potential and ways to harness it at the Institute of Policy Studies, Islamabad on 6th March 2010. Discussion was led by energy experts Engr. Imtiaz Majeed and Engr. Hussain Ahmad Siddiqui, Chairman, The Institution of Engineers, Pakistan, Rawalpindi- Islamabad Centre.

Engr. Hussain Ahmad Siddiqui said that among many impediments in harnessing the hydel potential, a key factor is heavy reliance on foreign technology and equipment. Highlighting the indigenous technological capacity he said that local industry had been progressing towards development of hydel stations when the national policy shifted its focus to thermal resource, and the process of indigenization suffered a setback.

Heavy Mechanical Complex had been able to produce around 40 turbo generators of small capacity which had been installed at various places in the Northern Areas of the country and are functioning till now. Local industry has also been producing components and parts as well as vital instruments of hydel power projects. Currently an indigenously manufactured hydel power project is under implementation, to be installed at Naltar in Gilgit-Baltistan. This capacity needs to be built upon and exploited, he stressed. He called

upon the government to adopt integrated approach to associate local industry despite opposition of giants taking profit in current setting.

***IEP pays Tribute to Engr. Kalam,  
Engr. Nizami and Engr. Saleem***

Condoling the recent demise of eminent engineers, the 257th Local Council Meeting of the IEP Rawalpindi-Islamabad Centre paid glowing tributes to Engr. Abul Kalam, Vice Chancellor, NED UET, highlighting his role in the advancement of technical education and development of engineering industries.

The Council also condoled the death of Engr. Z.A. Nizami, Chancellor of Sir Syed University of Engineering & Technology and Lt Col (Retd) Muhammad Saleem, a senior member of the IEP-RIC. Fateha for the departed souls was offered, and sympathies expressed with the bereaved families.

**Annual Budget Approved**

IEP-RIC has projected financial outlay for the year 2013-14, showing surplus budget. The Local Council, in its 257th Meeting held on 29th June 2013, has approved the Annual Budget 2013-14, stressing the need for revenue generation at a fast pace.

Chairman of the Building Committee-I, Engr. Lt Col (Retd) Nisar Ahmad informed the Council that screeding of roof of IEP Building has been completed to control seepage and that two washrooms on the first floor have been fully renovated. The Council approved the reconstruction of boundary wall.

***Local Council Members & Local Committees***

***Vice Chairmen***

Civil	Engr. Lt Col (R) Nisar Ahmad
Electrical	Engr. Muhammad Bashir Bangash
Mechanical	Engr. Rafatullah Khan
Chemical	Engr. Muhammad Yousaf
Telecommunication	Engr. Arjumund A. Sheikh
Aeronautical	Engr. Wg Cdr (R) Hamid Asad Khan

***Chairmen of Committees***

Coordination	Engr. Hussain Ahmad Siddiqui
Specialists	Engr. Muhammad Anjum Malik
Admin & Finance	Engr. Hussain Ahmad Siddiqui
Think-Tank	Engr. Arjumund A. Sheikh
Examination	Engr. Abdul Majeed Mirza
Building- I	Engr. Lt Col (R) Nisar Ahmad
Building- II	Engr. Abdur Rab
Publication & Library	Engr. Hussain Ahmad Siddiqui
Membership	Engr. Muhammad Yousaf
Public Relations	Engr. Javed Ahmad Khan Tipu
Welfare	Engr. Rafatullah Khan
Fund Raising	Engr. Muhammad Bashir Bangash
Student & Associate	Engr. Javed Ahmad Khan Tipu

***Local Council Members***

Engr. Amjad Hussain Malik	Engr. Muhammad Anjum Malik
Engr. Ashfaq Ali Shah	Engr. Muhammad Ajaib Raja
Engr. Naheed Ghazanfar	Engr. Syed Mahmood Ahmed
Engr. Ch. Abdul Rashid	Engr. Sami Akhtar
Engr. Lt Col (R) Mumtaz Ahmad Mumtaz	Engr. Ahmad Sajjad Khan
Engr. Abdur Rab	Engr. Dr. Khurram Nisar
Engr. Nadeem Hussain Malik	Engr. Ghulam Sarwar
Engr. Dr. Attaullah Shah	Engr. Muhammad Asif Javed
Engr. Qudrat Ullah	Engr. Ajaz Bashir
Engr. Lt. Col (R) Khalid Naseer Butt	Engr. Tahir Hussain
Engr. Muhammad Tahir Faisal	Engr. Dr. Nasir Mehmood
Engr. Gr. Capt. (R) Najamuddin	Engr. M. Ashraf Khalid
Engr. Syed Ibrahim Shah	Engr. Tauqir Ahmad
Engr. Abdul Majeed Mirza	Engr. Amjad Saeed Yazdani
Engr. Javed Ahmad Khan Tipu	Engr. Zahid Hussain
Engr. Abdul Jameel Khan	Engr. Azadar Hussain Mazhar
Engr. Lt. Col (R) Tahir Pervaiz Dar	Engr. Hamza Haider
Engr. Maj(R) Jamil Hassan Bukhari	Engr. Ahmad Shamim

***Staff***

Syed Ghias Haider	Admin/Accounts Officer
Mr. Yasir Nazeer	IT/Comp Assistant

### Engineers' body offers help to government

**RAWALPINDI (APP):** A vibrant group of 25,000 engineers has extended its unconditional support to the newly elected government to meet the prevailing energy crisis, increase industrial growth and devise technical education plan, focusing to improve the national economy. The Institution of Engineers, Pakistan (IEP) established in 1948 is an Islamabad-based professional organization working for development of industries, communications and infrastructure in the country.

### Engineers' body extends help to overcome energy crisis

RAWALPINDI: A vibrant group of 25,000 engineers has extended its unconditional support to the PML-N government to overcome the ongoing energy crisis, increase industrial growth, devise technical education plan and improve economy.

The Institution of Engineers, Pakistan (IEP) established in 1948 is an Islamabad-based professional organization working for development of industries, communications and infrastructure in the country.

IEP Chairman Engineer Hussain Ahmad Siddiqui said that he had written letters to federal ministers for water and power, petroleum and natural resources, planning and development and industries and production extending the ipex body's technical expertise in vital sectors to tackle economic challenges in an effective manner.

He said that experienced engineers were ready to play their role in nation-building and suggested the government to include the IEP members in related committees formulating pragmatic policies for effective implementation of development plans.

Globally, Siddiqui said, the importance of engineers' role was recognized in all sectors of economy including agriculture, industry and business, adding "Engineers have vital role to play in national development."

Sharing some suggestions, he said that qualified and competent engineers should be given key role in technical projects, especially to those who worked during last two tenures of the PML-N.

He said the Planning Commission and the boards of directors of various government organisations should invariably have a couple of engineers having good reputation and experience.

The IEP Chairman said a think-tank comprising senior engineers should be formed in the Ministry of Planning and Development to assist the minister in developing future vision. APP

### Local Council adopts roadmap for three years

Engineers have a vital, rather crucial, role to play in national development - more so under the given scenario. But, on the other hand, there is despondency and frustration among engineers for genuine reasons. The dilemma is that engineers' role is not duly recognized.

Engineers are deprived of top technical positions in the government. In fact, they are made subservient to the bureaucrats. Nothing has so far been done to structuring the proposed National Engineering Services either.

Unfortunately, engineer's prestige, image and importance in Pakistan have eroded over a period of time. We need to restore the position of engineers and significance of engineering profession.

For the purpose The Institution of Engineers, Pakistan has decided to join hands with other engineering organizations like Pakistan Engineering Council, Pakistan Engineering Congress, Institution of Electrical & Electronics Engineers and others.

This Centre has to contribute its own share in all these activities. The first step therefore would be to transform the Centre into a vibrant and effective body. Short-term and medium term programs are chalked out to achieve the goals.

Main feature of the short term plan include, on priority, placing the Centre on sound financial footings. Concerted efforts will therefore be made to seek financial contributions, grants/donations from members, industrialists, businessmen, government bodies and others.

Voters list will be updated for which work has already been initiated. Regular interaction and cost effective communication with all will be established. The Newsletter will be released on a regular basis. An effective drive for membership will be launched.

Pakistan Engineering Council (PEC) has renewed our registration for conducting Continuing Professional Development (CPD) courses for a period of another three years. Efforts will also be made to develop commercial oriented CPD and other technical courses.

A series of lectures, seminars, conferences, symposia and workshops on various technologies and national issues will be conducted. Focus will be on Emerging Technologies.

Feasibility of establishing a Digital Library at the Centre will be looked into.

Exchange of knowledge and ideas will be fostered to develop a clear road-map of professional thinking and practices. A Think Tank is formed. The recommendations of the Think Tank will be sent to the federal and provincial governments for considering adoption.

Salient features of the plan spanning three years period include construction of another floor of the building, design of another building at the same premises, starting diploma and degree classes in affiliation with a university already recognized by the Higher Education Commission.

An International Conference on Mechanical Engineering is being arranged in November 2013.



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