

INTERACTIVE WORKSHOP ON CPD FRAMEWORK FOR PROFESSIONAL DEVELOPMENT OF ENGINEERS ON 25 AUGUST, 2014 AT IEP KARACHI CENTRE



Engr. Farhat Adil
Chairman



Engr. Ayaz Mirza
Secretary

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Engr. Farhat Adil ,
Chairman, IEP Karachi
Centre presenting the
Welcome Address



Dr. Ashfaq Ahmed Shiekh
Additional Registrar-CPD-
PEC Conducting the
Workshop



Engr. Sohail Bashir
Chairman, International
Affairs, IEP facilitated the
Workshop



Engr. Ayaz Mirza,
Secretary, IEP Karachi
Centre presenting the
Vote of Thanks

Pakistan Engineering Council (PEC) arranged an Interactive Workshop on CPD Framework for Professional Development of Engineers in collaboration with Institution of Engineers Pakistan, Karachi Centre. (IEP) on 25th August, 2014 at Convention Centre of IEP Building, Karachi Dr. Ashfaq Ahmed Sheikh, Additional Registrar-CPD-PEC conducted the workshop, Engr. Ayaz Mirza, Secretary presented the vote of thanks, Engr. Sohail Bashir facilitated the program, in the end certificates were presented by Engr. Syed Jamshed Rizvi, President, Engr. Farhat Adil, Chairman, IEP, Karachi Centre & Engr. Ayaz Mirza, Secretary, IEP, Karachi Centre to the participants which carried 0.5 credit points.

Pakistan Engineering Council under its mandate is pursuing professional development of engineers for enhancement of their technical knowledge, management and communication skills in line with international standards and practices, besides safeguarding the professional interests of engineers. Based on well-defined criteria and benchmarks of engineering education and practice of engineering, PEC has attained provisional membership of "Washington Accord" in 2010 followed by "Engineers Mobility Forum (EMF)" in 2011 of International Engineering Alliance (IEA). This would facilitate international equivalence of engineering qualification, cross-border mobility and competitiveness in international job markets. Professional Development of Engineers Bye-Laws-2008 stipulates continuing professional development (CPD) needs of engineers registered with PEC. From July 2010 onwards, acquiring CPD is mandatory for renewal of existing Professional Engineers (Pes) as well as for newly Registered Engineers (Res). Further, the CPD activities and Engineering practice Examination (EPE) are mandatory for "Res" to get the prestigious title of "Professional Engineer (PE). He "PE" has privilege over "RE" in terms of technical sanction authority, design/process certification, and reference for higher levels leading towards international practice.



A view of Participants



Dr. Ashfaq A. Sheikh
presenting certificate to
Engr. Sohail Bashir



Engr. Syed Jamshed Rizvi
presenting certificate to
Engr. Asfia Aleem



Engr. Farhat Adil, Chairman, IEP Karachi Centre presenting the certificates (L/R) to Engr. Beena Riaz, Engr. Shagufta Ishtiaque, Engr. Rukhsana Rahooja, Engr. Aftab Ahmed Farooqui, Engr. Mukesh Kumar, Engr. S. M. Pervez Sadiq, Engr. Muhammad Jamil and Engr. Zafar Pasha Rizvi. Engr. Syed Jamshed Rizvi, President, IEP and Engr. Ayaz Mirza, Secretary, IEP, Karachi Centre also see in the picture

CPD Activities and Credit Points by Pakistan Engineering Council

Category	Applicable CPD Program	Duration Credit Hour	Credit Points	Remarks
Category-a Formal Education (Higher Education Recognized by PEC/HEC)	a. Post Graduate		2	(6-9 months)
	Diploma (CGD)		4	(9-12 months)
	b. Award of Post Graduate Degree (Engineering IT, Finance, Management Economics, Law etc.)		4	(Course work only)
	c. Award of Doctorate (Ph.D.) in Engineering		12	
Limit= 4 Credit Points/Year	Work Experience (Engineering related work including relevant aspects of Management)	400	1	Limit = 2 credit points/year
Category-b Work Based Activities				
Category-c* Development Activities	1. Membership of a recognized professional association/body		1	National
	2. Participation in Training & Development Porgammes		2	International
	3. Participation in Conference	02	1	Limit=2 membership/year
	4. Participation in Seminar	02	0.5	
	5. Participation in Lectures	02	0.5	
	6. Participation in Workshop	One Day	1	
Limit for Category-C= 2 Credit Points per Year				

	7. Refresher Course/Short Course	One Day	1
Category-D* Individual Activities	1. Invited Lecture		1.5
	2. Symposium Panelist		0.5
	3. Writing and publishing a research article in Journals/technical report		1.5
	4. Writing Conference Paper		3.0
	5. Authoring la Book		0.5
	6. Part of Activities such as emergency/recognized social work		1.5
	7. Participation in statutory. Technical /Non-Technical Committees		5.0
	8. Managing Technical Event		1.0
			2.0



Engr. Farhat Adil presenting Certificate to Engr. Abdul Raheem



Engr. Farhat Adil presenting Certificate to Dr. Mir Shabbar Ali

- Limit for Category C and D (Each)=2 Credit Points per

Visit to DESCON on 19th June, 2013



A Group Photographs



Engr. Mumtaz Ali giving presentation about Descon



Engr. Qaiser Jawaid briefing about the project at Site

The Institution of Engineers Pakistan, Karachi Centre arranged a field trip to Descon Wind Turbine Manufacturing Plant in Karachi at Bin Qasim. Initially the plan was to just visit the manufacturing plant but later it was decided by the Descon Management to extend the same to Gharo Field where Descon is working on a turn-Key project of 100 MW for Fuji Foundation. All the Members gathered at the IEP Office and left for Bin Qasim at 0910 Hours. We reached at Descon Manufacturing plant at 1015 Hours and were given a very warm welcome at the main entrance. Engr. Mumtaz Ali In charge of Production at the plant greeted us. Engr. Mumtaz Ali gave presentation giving all the details of Descon operations and the setup they have in Karachi. After the presentation the delegation went to the manufacturing plant and there Engr. Mumtaz Ali and his team devoted good time in explaining all the details of the manufacturing of the Wind Turbine Towers for the Gharo Foundation Wind Energy Limited (FWEL-1 and 2). The height of the tower is 80 Meters and the same is manufactured in four parts in their plant. The weight of the 1st section is 67 Tons, 2nd Section 55 Tons, 3rd Section 27 Tons and the last section is 24 Tons. After grit blasting and painting the same is transported to the field where all the four sections are joint together and then is put on the base which is constructed by the Civil Group in the field. After the workshop visit we all head towards Gharo. Which Gharo is about 25 KM from the main highway and the complete field is all controlled by Descon. After lunch we all went to the Office block where Engr. Qaiser Jawaid, Manager Construction Management gave a detailed presentation about the field. The Field is divided in two sections FWEL-1 and FWEL-2 (Foundation Wind Energy Limited) and each side there are 20 each Wind Turbine Towers are to be installed. Each Tower will produce 2.5 MW and each side will produce 50 MW and a total of 100 MW will be produced and will be transferred to WAPDA via the grid Station which is built in FWEL-1 and is under construction and all electrical work for Descon is done by ABB Company. Engr. Hafiz Rehan is In-charge and he explained all the details. The project was to be handed over to Fuji Foundation in July but due to some material not reached in time the new expected time of completion is September 2014.

For the installation of the towers the base is constructed on 18 piles and after the base is done then to erect the towers a 600 Tons crane has been leased from Germany for eight months along with the Operator. The boom of the crane is 120 Meters and is very efficient and as of date doing an excellent job. The Operator is Licensed and is from Germany and Descon has assigned one of their operator to help him as well as to learn the new technology. All the members enjoyed at the site and visiting such a huge crane all enjoyed their stay at the wind Turbine Site. Engr. Shahid Saleem and their team for the hospitality and the time they all devoted for IEP Team Members. The trip was a success and all enjoyed it and thanked the IEP Management for arranging such a Technical Field Trip and expect to have more in future.



Engr. S.M.Pervez Sadiq, Engr. Badar Khan and Engr. Shahid Saleem



Engr. M.Jamil, Engr.Mumtaz Memon, Engr. Nida Rind, Engr.Iqbal A.Khan, Engr.Pervez Sadiq, Engr. Badar Khan, Engr. Abid Ali Hirani



A group photograph of IEP Karachi Centre delegates



- Print only plain Visiting Cards, don't mention residential address.
- Never sit inside the car when parked, especially at isolated place.
- Be watchful, inside and when leaving Lockers, Banks, Money changers and approaching ATM machines.
- When approaching any of the above, visually scan the area before getting out of your car.
- If you feel any suspicious movement, like someone just standing around or people in nearby vehicle and no one near the ATM, leave the area immediately and use another ATM.
- When transaction is completed, immediately take your ATM card, receipt, money, etc and leave. Discreetly divide money in different pockets and count later at a safe place.
- Ladies, when in lockers to take jewelry, advisable to put it on; never carry it in your purse. Put your "Dupatta" around it and be watchful while leaving the area.
- Banks and Moneychangers are always hot targets of criminals. They may be standing beside you while drawing cash. Be extremely cautious and alert when returning.
- To counter Obnoxious/ Annoying Telephone Calls, Always install a digital telephone line with Caller ID.
- Instruct children to check the Caller-ID before answering the phone and only answer the phone calls from recognized numbers.
- Don't hesitate to report Chronic harassing phone calls to the Police or CPLC.
- Phone calls from "friendship magazine" are for blackmailing, be careful.
- Take care when photographed at parties which might be misused.
- Be careful while chatting with strangers on Internet or to lead any personal relationship, especially guide your children on this account.
- Never give out any personal information, financial information or a credit card number during an unsolicited phone survey or sales promotion.
- Do not fall prey to the claim that "You've Won a Prize!" ultimately the caller will ask your credit card number or to call him back. Tell the caller to notify you by mail through respective company; don't provide anything at your own or call him back.

PERSONAL SECURITY MEASURES by Engr. Irshad Ali

Continuous Professional Development (CPD)

IEP Karachi Centre is registered as professional Engineering Body (PEB) with Pakistan Engineering Council to conduct Continuous Professional Development Courses (CPD). We are pleased to offer CPD Courses at IEP Karachi Centre. Calendar of Courses will be announced shortly. In order to cover wide range of subject areas and ensuring quality of CPD implementation in accordance to PEC requirements, the IEP KC invites Experts/Resource Persons for CPD activities in different engineering disciplines. All interested Experts Resource Persons are requested to send their profile on prescribed format available on IEP, Karachi Centre website: www.iepkarachi.org.pk

For further information please contact:

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IEP BLOG

IEP Karachi Centre has developed a BLOG on its Website:
<http://www.iepkarachi.org.pk>

where members can discuss matters of technical interest & share their experience. All members are requested to visit BLOG and forward their comments for its improvement on our e-mail address:

main@iepkarachi.org.pk
secretary@iepkarachi.org.pk

Other Activities

Seminar on Initiative for Energy Independence jointly organized by IEEEEP & IEP, Karachi Centre on 22nd May, 2014 at IEP Convention Centre

Technical Lecture on Pakistan Aviation Outlook and Key Issues" by Mr. Mustafa Khan on 26th June, 2014 at PIA Training Centre jointly organized by Pakistan Division, Royal Aeronautical Society & Institution of Engineers Pakistan

Announcement

IEP is very grateful to all the sponsors of ENTECH-PAKISTAN-2014.

It will be a regular annual feature of IEP, Karachi Centre.
Date of next Entech-Pakistan will be announced soon

For further information please contact:

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Engr. Farhat Adil, Chairman, Engr. Ayaz Mirza, Secretary IEP Karachi Centre conducting the meeting, Engr. Syed Jamshed Rizvi, President also attended the 548th Local Council meeting



Engr. Najamul Hasnain, Engr. Abdul Raof and Engr. Sohail Bashir attended the 548th Local Council Meeting of IEP Karachi Centre

International Activities

108th Annual Sessions of the Institution of Engineers, Sri Lanka will be held on Friday the 10th October, 2014 and FEISCA Seminar on Saturday the 11th October, 2014 at Colombo

Interested person are requested to please contact:
Eng. Ms. Arundathi Wimalasuriya
Executive Director, IESL
E-mail: iesl@slt.lk & ed@slt.net.lk

Obituary

The Editorial Board on behalf of IEP, Karachi Centre expresses profound grief on the sad demise of the following. We pray to Almighty to grand forgiveness to the departed soul-Ameen

Engr. Muhammad Anjum Malik, LCM-IEP Rawalpindi Centre, Daughter of Khalid Rashid Quraishi, Engr. Sajid Mahmud, Engr. Habib ur Rehman, Mother of Engr. Syed Ahmed, Engr. Naseer Hasan Warsi, Brother –in-law of Engr. M. Idris Khan, Engr. Abdul Nabi Pathan, Engr. Farzana Ali, Advocate Jamaluddin Ansari, Mother of Engr. Shahab Afroz and Sister –in- Law of Engr. Iqbal Ahmed Khan, Member Central Council

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Engr. Farhat Adil

Secretary

Engr. Ayaz Mirza

Editor

Engr. Iqbal Ahmed Khan

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