

The Institution of Engineers Pakistan Karachi Centre

Seminar on "Empowerment of Women in Engineering Profession"

January- March, 2015



Seminar on

Empowerment of Women in Professional Engineers

Seminar on Financial Management for Engineers

Workshop on Sustainable Urban **Transportation Policy**

Seminar on Power System Blackout Avoidance: Technical Measures and Strategies"

Workshop on Safety and Security of Transportation and **Educational Institutions** with respect to Sindh **Urban Transport** Policy



The Seminar on "Empowerment of Women in Engineering Profession" was held on Saturday the 17th January, 2015, at IEP Convention Center. The Seminar started from recitation of Holy Ouran by Engr. Sadia Muniza Faraz followed by national anthem. Engr. S. Jamshed Rizvi, President, IEP presented his Presidential speech, Engr.Farhat Adil, Chairman, IEP Karachi Centre presented the welcome address and announced that IEP Karachi Centre will award life time free membership to all position holders of accredited Engineering University in Karachi. Engr. Ayaz Mirza, Secretary IEP Karachi Centre all of them gave presentation. He invited all women engineer to become member of IEP and participate in its activities. He praised the efforts of the members of women engineers committee under Convenership of Engr. Asfia Aleem for organizing an exclusive event of its kind held at the IEP. Engr. Asfia Aleem presented the introduction of the Seminar. Concluding remarks were given by Engr. Nooruddin Ahmed, he appreciated the efforts put up by the IEP office bearers and members of the organizing committee. He expressed hope that women will continue to gather here, identify their problems and find practical solutions by taking ownership. He reassured that IEP will continue to support them in all respects. Engr. Aimen Ahmed and Engr. Misbah Ali conducted the seminar. Engr. S. Jamshed Rzivi, President, IEP, Engr. Farhat Adil Chairman, IEP Karachi Centre, Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the Seminar shields and memento to the Authors and all the members of the organizing Committee. The Seminar carried 0.5 CPD credit points.



the Seminar Participants

addressing

Speaker







Engr. Falak Maher Speaker

Engr. Anum Raza Speaker

Engr. Heera Nasim Presenting Presentng Vote of Thanks

Volume 43, Registration No: 288





Speaker

Dr. Sadia Muniza Faraz Engr. Mah Talat Mirza Presenting Vote of Thanks







Group Photographs



Engr. Asfia Aleem presenting the seminar memento to Engr. Mah Talat Mirza





Dr. Raza Ali Khan Speaker



Engr. Moien A.Khan Panelist



A Group of Panelist

Continue Seminar on "Empowerment of Women in Engineering Profession"

Following papers were presented in the Seminar.

"Motivation for Women Engineers by Resolution of Problems" by Engr. Dr. Shagufta Ishteyaque, Chairperson, Chemical Engineering Department, Karachi University. 'Student Perspective" by Engr. Falak Maher Khan, Student, NEDUET "The Confidence Gap: Women Lacking Self Esteem" by Engr. Anum Raza, Student, NEDUET

"Engineer Travels the World" by Engr. Heraa Nasim, Assistant Manager, K-Electric "Perspective of a Working Woman Engineer" by Engr. Sadia Muniza Faraz, Asstt Professor, NEDUET 'Guidance to Professional Development for Women Engineers" by Engr. Rukhsana Rahooja, Member Organizing Committee, WEC, IEP Karachi Centre.

The event formally came to an end with the vote of thanks by Engr. Maha Talat Mirza.



Engr. S.Jamshed Rizvi President, and Engr. Farhat Adil, Chairman IEP, Karachi Centre presenting the seminar Memento to Engr. Asfia Aleem, First Lady Engineer of Pakistan



Engr. S.Jamshed Rizvi President, and Engr. Farhat Adil, Chairman IEP, Karachi Centre presenting the seminar Memento to Dr. Sadia Muniza Faraz



Engr. S.Jamshed Rizvi President, and Engr. Farhat Adil, Chairman IEP, Karachi Centre presenting the seminar Memento to Engr. Rukhsana Rahooja

Seminar on Financial Management for Engineers Saturday 24th January, 2015



Seminar Facilitator

Speaker

Dr. Muhammad Asim Speaker



Engr.Jamal H Zubairi Speaker

The Seminar on "Financial Management for Engineers" was held on Saturday 24th January, 2015, at IEP Convention Center. The theme of the Seminar was "Determinants of Success for Organizational Excellence- A Glimpse from Financial Angle" The seminar started from recitation of Holy Quran by Mr. Muhmmad Shareef Khan. Engr. Dr. Farrukh Arif conducted the event, Engr. Sohail Bashir, Chairman, International Affairs, IEP was the moderator. Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks. Engr. Farhat Adil Chairman, IEP Karachi Centre, Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the seminar shield and memento to the authors and panelists. The seminar carried 0.5 CPD Points. Papers presented in the seminar were "Financial Management for Engineers" by Engr. Mirza Saleem Baig, Head of Islamic Banking, Habib Bank Limited.

"Role of Financial Management" by Engr. Dr. Muhammad Asim, Associate Professor, Karachi University Business School.

"Capital Budgeting: Techniques" by Engr. H. Jamal Zubairi, Head of Department of Accounting and Finance, Institute of Business Management.

A panel discussion was also held after the seminar. The panelists were:

- Dr. Raza Ali Khan, Associate Professor, NED University of Engineering and Technology, Karachi.
- Engr. Dr. Muhammad Asim, Associate Professor, Karachi University Business School.
- Engr. H. Jamal Zubairi, Head of Department of Accounting and Finance, Institute of Business Management.
- Engr. Moien A. Khan, Head of Technical Operations, Novartis Pharma Pak Limited.



Engr. Sohail Bashir, Chairman, International Affairs, IEP presenting the Appreciation Certificate to Dr. Saleem Janiua.



Engr. Ayaz Mirza, Secretary, IEP, Karachi Centre presenting the Appreciation Certificate to Dr. Mir Shabbar Ali



Engr. Sohail Bashir, Chairman, International Affairs, IEP presenting the Appreciation Certificate to Mr. Yar Muhammad

<u>Consultative Stakeholder's Workshop on Sustainable Urban</u> Transport Policy on Tuesday the 30th December, 2014

The Institution of Engineers Pakistan, Karachi Centre had arranged a consultative stakeholders' workshop on Sustainable Urban Transport Policy in collaboration with Sindh Component of Pakistan Sustainable Transport (PAKSTRAN) project, funded by United Nations Development Program (UNDP) on Tuesday 30th December 2014 at IEP Convention Center. The Seminar started from recitation of the Holy Quran by Mr. Muhammad Sharif Khan. Engr. Farhat Adil, Chairman, IEP Karachi Centre presented the introduction of IEP. Mr. Fazal Karim Khatri, Component Director CIU-Sindh, presented the welcome address and Engr.Ayaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks.



The objectives of the workshop included familiarization of the transportation stakeholders with the aims and objectives of PAKSTRAN, in general, and the principle guidelines prepared under this project for sustainable urban transport policy, in particular. Another important part of this workshop was the discussion and feedback from the stakeholders on these guidelines. This workshop was attended by officials from local transport authorities, transport service providers, academicians and researchers of this area, practicing engineers and other road users. The stakeholders were briefed about PAKSTRAN project by Dr. Saleem Janjua (National Project Manager; PAKSTRAN). Moreover, Prof. Dr. Mir Shabbar Ali (NED University) presented the salient features of the policy guidelines. Later on, a discussion session was jointly conducted by Mr. Yar Muhammad (Component Manager, PAKSTRAN) and Dr. Mir Shabbar Ali. The issues raised in this session were noted down to be included in the updated version of policy guidelines. Engr. Ayaz Mirza, Secretary IEP Karachi Centre alongwith Engr. Sohail Bahsir, Chairman, International Affairs, IEP presented the certificate to the Authors.

Following papers were presented in the Seminar.

"Transport and the Environment"

Prof. Dr. Raza Mehdi, NED University of Engineering and Technology "Conculsions and outputs of the workshop"

Engr. Dr. Mir Shabbar Ali, Professor (Transportation Engineering), Chairman Department of Urban and Infrastructure Engineering NED University of Engineering and Technology



Presenting Certificate to Mr.Aziz Khatri



Presetting Certificate to Dr. Uneb Gazdar



Panel Discussion



Engr. S.Jamshed Rizvi presenting shield to Engr. Waqar Farooqui



Engr. Sohail Bashir, Moderator and Dr. Farrukh Arif, Seminar Facilitator





Dr. Uneb Gazdar Speaker



Mr. Fazal Karim Khatri

Seminar on "Power System Blackout Avoidance: Technical Measures and Strategies" on 14 February, 2015

The "Seminar on Power System Blackout Avoidance: Technical Measures and Strategies" was held on Saturday the 14 February, 2015, at IEP Convention Center. The Seminar started from recitation of Holy Quran by Engr. Al Kazim Mansoor. Engr. Dr. Farrukh Arif, Asstt Professor, NED University of Engineering and Technology, Coordinator of the Seminar conducted the programme. Engr. S. Jamshed Rizvi, President, IEP, Engr. Sohail Bashir, Chairman, International Affairs, IEP Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the Seminar shields and memento to the Authors. In the end, Engr. Ayaz Mirza, Secretary, IEP Karachi Centre presented the vote of thanks. The Seminar carried 0.5 CPD Credit Point.



Following authors presented their papers.

Prof. Dr. Saad Ahmed Qazi Dean, Faculty of Electrical and Computer Engineering, NED University of Engineering & Technology.

Dr. Muhammad Ali Memon, Associate Professor, Department of Electrical Engineering, NED University of Engineering and Technology.

Engr. Naveed A. Siddique- an Expert on Power Sector.

A panel discussion was also held after the seminar. The following were the panelist:

- Prof. Dr. Saad Ahmed Qazi
- Dr. Muhammad Ali Memon
- Engr. Naveed A. Siddique and
- Engr. Waqar Farooqui

Engr. Sohail Bashir, was the moderator of the Panel Discussion.

Consultative Workshop on

"Safety and Security of Transportation and Educational Institutions with respect to Sindh Urban Transport Policy" on Saturday the 21 February, 2015

The Institution of Engineers Pakistan, Karachi Centre arranged a Consultative Workshop on "Defining Roles of Stakeholders in Delivering Road Safety" on Saturday the 21 February, 2015 am in collaboration with Sindh Component of Pakistan Sustainable Transport (PAKSTRAN) project, funded by United Nations Development Program (UNDP) at IEP Convention Center. The Seminar started with recitation of Holy Quran by Engr. Iqbal Ahmed Khan. Engr. Farhat Adil, Chairman, IEP Karachi Centre presented the introduction of IEP. Mr. Fazal Karim Khatri, Component Director CIU-Sindh, presented the welcome address and Engr.Avaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks. The objectives of the workshop included familiarization of the transportation stakeholders with the aims and objectives of PAKSTRAN, in general, and the principle guidelines to be prepared. Another important part of this workshop was the discussion and feedback from the stakeholders on these guidelines. This workshop was attended by officials from local transport authorities, transport service providers, academicians and researchers of this area, practicing engineers and other road users. The stakeholders were briefed about PAKSTRAN project by Dr. Saleem Janjua (National Project Manager; PAKSTRAN). A panel discussion session was also held and the following participated (Continued on Next Page)

Safety and Security of Transportation and Educational Institutions with respect to Sindh Urban Transport Policy"



Dr. Noman Ahmed Speaker



Seminar Participants



Mr. Yar Muhammad (Component Manager, PAKSTRAN) Dr. Mir Shabbar Ali, Professor (Transportation Engineering), Chairman Department of Urban and Infrastructure Engineering NED University of Engineering and Technology, Dr. Noman Ahmed, Professor and Chairman, Department of Architecture and Planning, NED University of Engineering & Technology

Dr. Mohammed Raza Mehdi, Professor Department of Urban & Infrastructure Engineering, NED University of Engineering & Technology.

Mr. Syed Salman, Additional DIG Traffic. The issues raised in this session by the participants were noted down to be included in the updated version. Engr. Ayaz Mirza, Secretary IEP Karachi Centre alongwith Engr. Sohail Bashir, Chairman, International Affairs, IEP presented the certificate to the Authors.



Mr. Yar Muhammad presenting the Shield to Mr. Syed Salman, Additional DIG Traffic



Mr. Aziz Khatri presenting the Shield to Dr. Saleem Janjua



Engr. Aziz Khatri presenting the Shield to Dr. Noman Ahmed

Seminar on "Innovations in Construction Materials" on 7 March, 2015



Dr. Amanullah Marri Presenting his paper



Panel Discussion Engr. Arif Kassam, Dr. Mir Shabbar Ali, Dr. Uneb Gazder, Dr. Amanullah Marri, Dr. Sarosh H. Lodi, Mr. Hasan Akhter and Engr. Al-Kazim Mansoor



IEP, Karachi Centre presenting the Welcome Address



Mr. Hasan Akhter presenting his paper

The Seminar on "Innovations in Construction Materials" was held on Saturday 7 March, 2015, at IEP Convention Center. The seminar started from recitation of Holy Quran. Engr. Dr. Farrukh Arif conducted the event, Engr. Sohail Bashir, Chairman, International Affairs, IEP was the moderator. Engr.Ayaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks. Engr. Farhat Adil, Chairman, IEP Karachi Centre, Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the Seminar shield and memento to the authors and panelists. The following papers were presented in the seminar.

An Inter-faculty Initiative of NED University Bringing Academia-industry Linkages by Dr. Uneb Gazder, Secretary CMRG, Assistant Professor, Department of Urban & Infrastructure Engineering, NEDUET

Use of Fly Ash as a Construction Material by Mr. Hasan Akhtar

Use of Natural Fiber as Soil Stabilizing Agent by Dr. Amanullah Marri, NED University of (Continued on Next Page) Engineering and Technology,

Seminar on "Innovations in Construction Materials



Engr. Farhat Adil presenting the shield to Dr. Mir Shabbar Ali, Secretary, Engr. Ayaz Mirza also seen in the picture

A panel discussion was also held after the seminar. The panelists were:

Engr. Dr. Sarosh H. Lodi, Dean Civil Engineering Department, NEDUET. Engr. Dr. Mir Shabbar Ali, Chairman, Urban and Infrastructure Engineering Department, NEDUET Dr. Syed Imran Ali, Assistant Professor, Polymer & Petrochemcial Engg. NEDUET Engr. Arif Kassam, CEO, Arif Associates





Seminar to Celebrate International Women Day – Make It Happen 28 March, 2015



Half day Seminar to celebrate International Women Day was held on Saturday the 28 March, 2015, at IEP Convention Center. The Theme of the Seminar was "Make It Happen". International Women's Day is globally held on March 08 to celebrate women's achievements throughout history and across nations. The event aimed to highlight the current status of working women, especially engineers in the country and attempted to suggest the way forward for improvement. The seminar started from recitation of Holy Quran by Engr. Dr. Sadia Muniza Faraz and followed by national anthem. Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the welcome address. He acknowledged the outstanding achievements of Engr. Asfia Aleem convener of the Women Engineers Committee and also praised the efforts of the members of women engineers committee for organizing an exclusive event of its kind held at the IEP. Engr. Asfia Aleem presented the introduction of the seminar.Engr. S. Jamshed Rizvi, President, IEP and Engr.Farhat Adil, Chairman, IEP Karachi Centre also attended the event. The keynote lecture on E-Entrepreneurship Road to Digital Livelihood was presented by Syed Azhar A. Rizvi, Vice-Chairman MIT Enterprise Forum of Pakistan. He was accompanied by Dr.Souzan and Ms. Sarwat Muzammil, Chief Executive Officer, Ecode Private Limited and he has a vast experience in the entrepreneurship knowledge. The lecture was followed by a Question & Answer session where the participants raised some relevant questions and got the specific answers. Mr. Azhar also invited Ms. Maria from Islamabad via Skype, she also briefed about her success in life. Concluding remarks were given by Engr. Nooruddin Ahmed and he appreciated the efforts put up by the IEP office bearers and members of the organizing committee. He expressed hope that women engineers will continue to gather here, identify their problems and find practical solutions by taking ownership. He reassured that IEP will continue to support them in all respects. Engr. Shehla Andleeb and Engr. Anum Raza conducted the seminar. Engr. S. Jamshed Rizvi, President, IEP, Engr. Ayaz Mirza, Secretary IEP Karachi Centre alongwith with Engr. Asfia Aleem, presented the seminar shields and memento to the Keynote Speaker, Authors and all the members of the organizing committee

The following papers were presented in the Seminar. **Keynote lecture on E- Entrepreneurship Road to Digital Livelihood** by Syed Azhar A. Rizvi, Vice-Chairman MIT Enterprise Forum of Pakistan (Continued on Next Page)

Seminar to Celebrate International Women Day - Make It Happen 28 March, 2015







Engr. Sadaf Fatima presenting her paper



Engr. Ayaz Mirza, Secretary, IEP presenting the shield to Engr. Asfia Aleem, First Lady Engineer of Pakistan





Mr.S.Moazzam H. Shah







"Introduction of the Event and philosophy of the Topic – Make it Happen by Engr. Rukhsana Rahooja, Member Organizing Committee, WEC, IEP Karachi Centre

"Women Individual Success Story – Proud to be a Woman and an Engineering Entrepreneur "by Engr. Bushra Nadeem Mufti

"Reflections as Independent Engineering Consultant" by Engr. Sadaf Fatima, Engineering Consultant The event formally came to an end with the vote of thanks by Engr. Beena Riaz.







Dr. Suzan

Ms.Qurat ul ain Memon



Group Photographs of Students with Dr. Sadia Muniza Faraz



Organizing Committee Members & Authors with Engr. Syed Jamshed Rizvi, President, IEP



Engr. Beena Raiz presenting Vote of Thanks

Presentation on International Affairs on 5th April, 2015



Engr. Syed Jamshed Rizvi, President, IEP presenting the shield to Mr. Janbaz Khan, Dy. Head of Mission/Minister, Embassy of Pakistan, Paris



Engr. Syed Jamshed Rizvi, President, IEP presenting the shield to Mr. S.Moazzam H. Shah Dy. Head of Mission, Embassy of Pakistan- Kabul



A Group Photographs



Interview Wg.Cdr. (Retd) Engr. Dr. Prof. Syed Ali Hasan, Past President- IEP by Engr. Iqbal Ahmed Khan Editor, IEP Newsletter

It was 23rd November, 2014 Sunday I wanted to meet Dr Hasan, as he was leaving Pakistan for USA, I visited him at 4 pm, he welcomed me, in his house. He was at the verge of winding up, as I could see all the Suit Cases and bags ready to be transported. I knew Dr. Hasan for years, he taught me in my final year of engineering, but never had a chance to know his personal and private life. As my friend Engr. Ghulam Abbas Cyclewala always talked very high about Dr Hasan. I got the chance to know about him from the Horse's mouth. I asked him, "Dr Sahib please tell me all about you as I wish to share with my other friends who would benefit from your world of experience" With a smile on his face, and clearing his throat, in the base voice he answered, Meri Kahani to bohat lambi hai, maghar tumYes, I was born in Partabghar Uttar Pradesh (UP) India, my father was a Zamidar, and was Honorary Magistrate. I have one brother and two sisters. I asked him, what about your back ground of education? He looked at the roof, and after a long pause, started, "I did my schooling in Partabghar from Government School, then joined Government College in Allahabad from where I did my Inter Science." Sir, what about your Engineering? Now Dr. Hasan was quite excited and ordered for the tea, while sipping the tea, he disclosed that he joined Aligarh Muslim University, and after one year, he came to Pakistan, his brother was in Lahore, and then he came to Karachi, and passed his Engineering in 1954. What about your family? With a low tone he continued, Year in 1959, I got married to an Educationist Doctor; I have one son who is in USA, and a daughter who is in Australia. Doctor Sahib, you have travelled a lot, please share your experience. He laughed I am not a rich man but I was lucky to get scholarships, after graduation, I had scholarship for Herschel Sohn Kassel (Germany), you know I worked in Steam/ Diesel Engines Railway Projects I was very good at these Engines. This expertise took me to UK, I joined Edinburg University did my M.Sc in Engineering in 1962 and did my PhD in 1973. He said that I had an opportunity for three years to work on various projects with world famous companies like Sulzerbrothers, Winterthur (Switzerland) and Werkpoor, Amsterdam (Netherland). Besides, I did research, while working with Rustler Hornsby Ltd London, when I was Studying in Edinburgh (UK). Doctor Hasan how did you make use of all this various experiences? He was quite for a while, then scratching his nose, broke out in gruff voice, look here, when you learn a lot, you cannot get a type of job that full fills all your requirements. I thought of teaching, and thus shared all I knew with the world for the betterment of Engineers in particular and human beings at large. I was lecturer in Department of Mechanical Engineering in the University of Edinburgh (UK). Professor and Head of Department of Aerospace Engineering Pakistan Air Force (PAF) College in Pakistan, Rector Usman Institute of Technology Karachi, Chief of Operations Training-Pakistan International Airlines (PIA) Karachi and, remained Professor with Karachi Institute of Economics & Technology. Sir, how do you manage, to cop up with all this, I know you are The Past President Institute of Engineers Pakistan, you have remained Vice-President, Pakistan Division, Royal Aeronautical Society, And a founder member of so many Organizations Like International Association for Exchange of students for technical Experience (IAESTE PAKISTAN), Advisor ASME for PN Engineering College Karachi....etc. He replied with a smile, when there is a will there is a way. He said it is the prayers of my students, and encouragement by my well wishers, Institution of Engineers Karachi Centre (IEP) has named a Hall all dedicated to me, all these keeps me going . I feel I can do much more, what I have done is very little.Dr. Syed Ali Hasan legend in his own right, he has finally "Hung up his boots" as an academician after 40 years in this field. Students from NEDUET, CAE, and NUST, colleges and institutes affiliated with Karachi University etc hold him in high esteem and have nothing but immense praise for Dr. Hasan. An instructor "Par excellence" he has not only taught but groomed them in the process as well. I wished him success in his new venture in USA. And I took his leave, I left him with tears in my eyes, as Pakistan will be deprived of such a good person.

Invitation for CPD Experts/Resource Persons

The Institution of Engineers Pakistan (IEP) Karachi Center under its Constitution and Bye-Laws is initiating courses for professional development of engineers compliant to the requirements of a registered Professional **Engineering Body (PEB) of Pakistan Engineering** Council. In order to cover wide range of subject areas and ensuring quality of CPD implementation in accordance to PEC IFP requirements, the 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) and

send to the following address:

FOCAL PERSON: CPD COURSES Engr. Ayaz Mirza, Secretary The Institution of Engineers Pakistan Karachi Centre 177/2, Liaquat Barracks, Shahrah-e-Faisal, Opp: Hotel Regent Plaza, Karachi Tel: 32780233, 32781492 E-mail: <u>main@iepkarachi.org.pk</u>, **info.iepkc@gmail.com**



(R/L) Engr. Ayaz Mirza, Secretary, IEPKC, Engr.Ozair Vohra, Engr. Ghulam Mohiuddin, Engr.Sk. M.Faiza,Engr. Syed Jamshed Rizvi, president, IEP, Engr.Adil Askari, Engr. Kashif Shaikh, Engr. Ali Naqvi

Forth Coming Activates of IEP, Karachi Centre

Entech-Pakistan-An Exhibition from 31st October to 2 Novewmber, 2015at Karachi Expo Center

5th International Mechanical Engineering Congress from 9th-10th, 2015 at Karachi Expo Center

7th International Civil Engineering Congress form 12th -13th June, 2015

at IEP Convention Hall,

10th National Seminar on Occupational Health Safety & Environment

Seminar on Alternate Dispute Resolution Seminar on Solid Waste Disposal Issues at Karachi Seminar on Sewage Issues at Karachi Seminar on Water Issues at Karachi

For Further Information Please Contact: Engr. Ayaz Mirza, Secretary, IEP, Karachi Centre 5th Floor, IEP Building, Shahrah-e-Faisal, Opposite: Hotel Regent Plaza, Karachi Tel: 32780233, 327814982 E-mail: main@iepkarachi.org.pk, info.iepkc@gmail.com

IEP BLOG

IEP Karachi Centre has developed a BLOG on its Website: <u>http://www.iepkarachi.org.pk</u> 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 oure-mail address: <u>main@iepkarachi.org.pk</u>, secretary@iepkarachi.org.pk

Vol. 43 Issue January-March-2015Reg. No: 288

Chairman Engr. Farhat Adil Secretary Engr. Ayaz Mirza Editor Engr.Iqbal Ahmed Khan Editorial Board Engr. Kashif Shaikh,

Engr. Adil Askari Engr. Syed Furqan Maqbool Published by Mr. Sikandar Mannan Secretary to Editor Mr. M. Shareef Khan Qadri Office Address The Institution of Engineers, Pakistan, Karachi Centre, 177/2, Liaquat Barracks, Shahrah-e- Faisal, Karachi Telephone/Fax:32780233, 32781492, 32783442 E-Mail: main@iepkarachi.org.pk Website: www.iepkarachi.org.pk