

NEWS LETTER

January-December, 2016

Volume 45

Registration No: 288



The Institution of Engineers Pakistan Karachi Centre

Unfortunately the Newsletter could not be published this year only due to unavailability of some dedicated member to undertake the task. Only to somewhat dilute the misgiving the Newsletter in hand takes you to a Journey of all activities conducted during 2016 which were undertaken during 2016 due to very sincere and dedicated hard work of my colleagues at IEP.

Engr. Dr. Prof. S.F.A.Rafeeqi, Chairman, IEP Karachi Centre

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Chairman

Engr. Prof. Dr. S. F.A.Rafeeqi, FIE (Pak)
Elected as Chairman
The Institution of Engineers Pakistan,
Karachi Centre for the Term 2016-2018



Secretary

Engr. Ayaz Mirza, FIE (Pak)
nominated as Secretary of the Institution of
Engineers Pakistan, Karachi Centre
for the term 2016-2018

Newly elected body of the Institution of Engineers Pakistan Karachi Centre for the term 2016-2018

PRESIDENT:

Engr. Dr. Izhar Ul Haq
(F-1461)



SECRETARY GENERAL

Engr. Mian Sultan Mehmood
(F-1881)



VICE-PRESIDENTS

Electrical, Electronics, Computer Telecommunication and Aeronautical

Engr. Engr. Abdul Raouf
(F-1651)



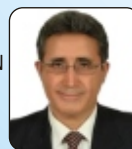
Mechanical, Industrial, Textile & Mechatronics

Engr. Dr. Muzaffar Mehmood
(F-1676)



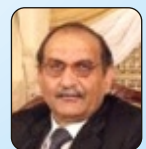
Chemical, Metallurgical, Petro Gas Mining, Nuclear & Marine

Engr. Capt. Sarfaraz Inayatullah PN
(F-1846)



Civil & Agriculture

Engr. Farhat Adil
(F-1738)



VICE-CHAIRMEN

Civil & Structural

Engr. Sohail Bashir
(F-1864)



Mechanical & Textile

Engr. Jilani Yousuf
(M-10706)



Electrical & Telecommunication

Engr. M. Idris Khan
F-1897)



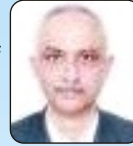
Electronics & Computer

Engr. Farhat M. Khan
(M-16339)



Marine, Metallurgical, Petro Gas, Nuclear & Aeronautical

Engr. Col (Retd) Syed Mukhtar Asif
(F-1830)



Chemical

Engr. Ghulam Mohiuddin
(M-16413)



Industrial

Engr. Ghulam Mohammad
(M-6424)



Marine / Metal / Petro Gas /Nuclear

Engr. Capt. Sarfaraz Inayatullah PN
(F-1846)



CENTRAL COUNCIL MEMBERS

Civil, Structure & Agriculture

Engr. Sartaj Ahmed Khan
(F-1388)



Engr. Ms. Asfia Aleem
(F-1669)



Engr. Al-Kazim Mansoor
(M-16592)



Engr. Dr.Sarosh Hashmat Lodi
(F-1894)



Engr. Prof. Dr.Saeed Maqbool Makhdumi
(M-4484)



Engr. Saeed Ahmed
(M-5727)



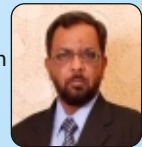
Engr. Khalil Ahmed
(M-5963)



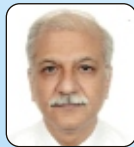
Engr. Abdul Aziz Khatri
(11562)



Engr. Nadeem Rasheed Khan
(M-12332)



Engr. Khalid Mirza
(M-12999)



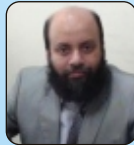
Engr. Ali Mehdi Kazmi
(M-16787)



Engr. Ejaz Ahmed Khan
(M-16200)



Engr. Prof. Rizwan ul Haq Farooqui
(M- 17876)



Engr. Beena Riaz
(M- 18228)



Engr. Bushra Nadeem Mufti
(M-19067)



Electrical, Electronics, Computer Telecom, Aeronautical

Engr. Gulzar A. Memon
(F-1886)



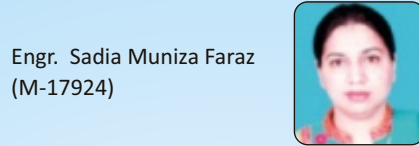
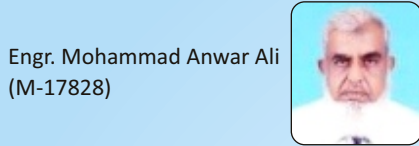
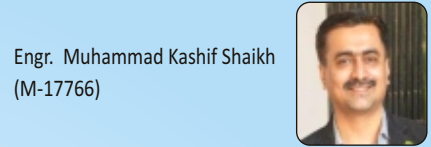
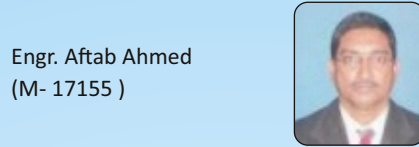
Engr. Abdul Sattar Khatri
(M-11599)



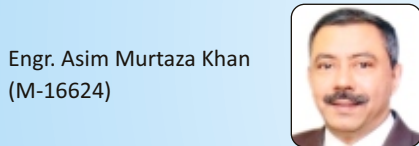
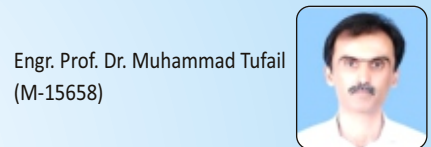
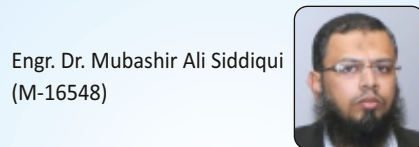
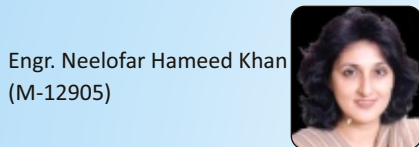
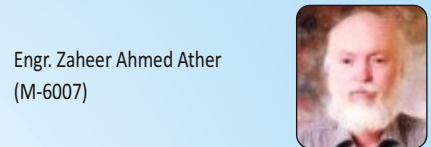
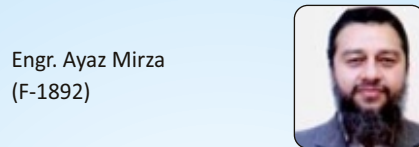
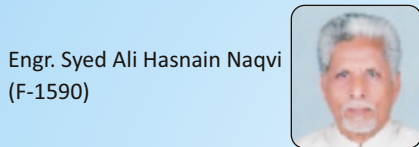
Engr. Abdul Aziz Bhutto
(M-12482)



**Electrical, Electronics, Computer
Telecom, Aeronautical**

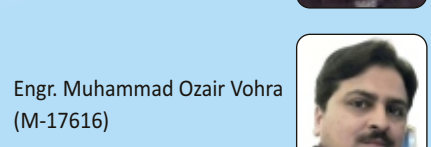
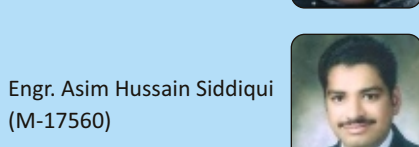
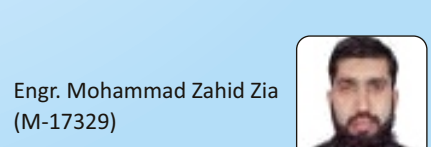
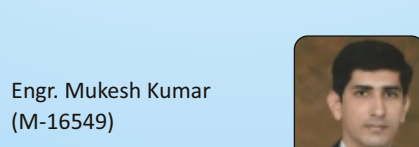
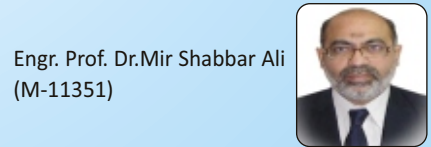
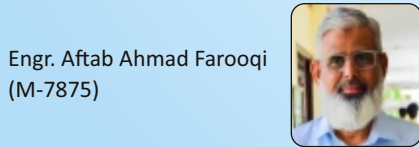
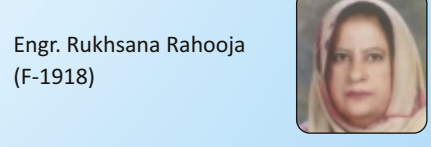
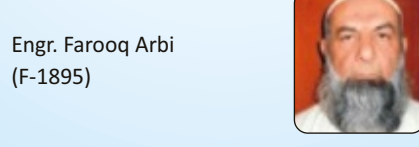
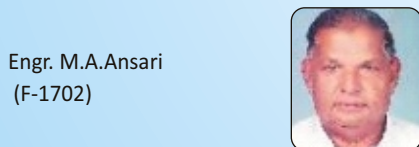


Mechanical, Industrial & Textile



LOCAL COUNCIL MEMBERS

Civil & Structural

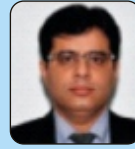


Civil & Structural

Engr. Syed Ali Hasan Naqvi
(M-17618)



Engr. Dr. Abdul Jabbar Sangi
(M-18092)



Engr. Sadaf Fatima
(M-19226)



Mechanical & Textile

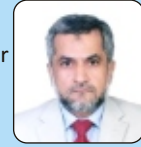
Engr. Abdul Rahim
(F-1917)



Engr. Moien Ahmed Khan
(M-11352)



Engr. Ghulam Farooq Maniar
(M-12066)



Engr. Muhamamd Taufiq Bilwani
(M-12909)



Electronics & Computer

Engr. Sarfraz Natha
(M-16599)



Engr. Adil Askari
(M-18122)



Engr. Muhammad Anwar Ahmed
(M-18146)



Engr. S. M. Taqi
(M-18200)



Engr. Muhammad Sohaib Farooqui
(M-18537)



Electrical & Telecommunication

Engr. Tafseer Ahmed Khan
(F-1905)



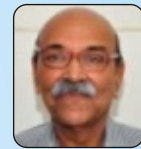
Chemical

Engr. Syed Muhammad Amir Jaferi
(M-19160)



Aeronautical

Engr. Reyaz S.K.Malik
(M-2677)



Marine, Petro Gas & Nuclear

Engr. Raisuddin Siddiqui
(F-655)



Metallurgical

Engr. Meraj Ahmed Khwaja
(M-16156)



Immediate Past- President:

Engr. S. Jamshed Rizvi
(F-1737)



Immediate Past-Chairman

Engr. Farhat Adil
(F-1738)



IEP Gold Medals Awarded to the 1st Position Holders of all Accredited Engineering Disciplines of Engineering Universities of Karachi

The Institution of Engineers Pakistan Karachi Centre started awarding Gold Medals to all the 1st position holders student of Accredited engineering disciplines of Engineering Universities of Karachi from 2016. Following students were awarded Gold Medal at their respective convocations.

NED Univeristy of Engineering & Technology

Haseeb Jawaid Soomar Akber (Petroleum)

Samreen Gohar (Civil)

Saqlain Raza Abbas(Mechanical)

Muhammad Wajahat Ahmed (Industrial & Manufacturing)

Muhammad Mohib Khan (Computer & Information Systems)

Maliha Arif (Telecommunication)

Faiza Saeed (Urban)

Tooba Zaman(Electrical)

Maliha Ashraf(Electronics)

Yumna Arif (Textile)

M.Ahsan Rauf(Automotive)

Owais Ahmed (Chemical)

Huba Kamal(Materials)

S. Nabeel Ahmed (Metall)

Zeeshan Khalid (Polymer & Petrochemical)

Muqadas Fatima(Software)

Hafiza Sana Rauf(Construction)

Iqra Siddique Alvi (Food)

Sana Ashraf(Bio Stream)

Hina Iftikhar (Medical Stream)

Sir Syed Univeristy of Engineering & Technology - Sadia Ghani Malik(Computer), Gul-e-Zehra (Electronics), Fiza Burney (Telecommunication), Rabia Mahmood (Bio-Medical) & Muhammad Waseem (Civil)

Chemical Engineering Department, Karachi University - Mehwish Shabbir (Chemical)

PAF-Karachi Institute of Economics & Technology - Muhammad Ammar Hassan (Electronics)

*Seminar on “
Energy Efficient Buildings,
Districts and Smart Cities Learning
from latest Trends and
Development for Pakistan) & Panel
Discussion on 12th March, 2016
(pg # 6)*

*Seminar to Celebrate International
Women Day on Pledge for Parity
held on 19th March, 2016
(pg # 6)*

*Seminar on Strengthening &
Seismic Retrofitting of RC and
Masonry Structures with FRP and
TRM: Behavior and Design
held on 29th March, 2016
(pg # 7)*

*Seminar on Climate Change
-Mitigation and Adaption (To
Commemorate the International
Earth Day held on 30th April, 2016
(pg # 7)*

*1st International Conference on
Environmental Engineering and
Management held on 4th June, 2016
(pg # 7)*

*6th International Mechanical
Engineering Congress held on
15 & 16 July, 2016
(pg # 9)*

*Seminar on Thar Coal Project held
on 20th August, 2016
(pg # 10)*

Seminar on “ Prospects of Intelligent Transportation Systems (ITS) 6th February, 2016



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi Centre presenting
the Seminar Memento to Dr. Farrukh Arif,
Speaker. Engr. Ayaz Mirza
is also seen in the picture



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi Centre presenting
the Seminar Memento to Engr. Ashar Lodi,
Speaker. Engr. Ayaz Mirza
is also seen in the picture

The Institution of Engineers Pakistan Karachi Centre had arranged a Seminar on “Prospects of Intelligent Transportation Systems (ITS) on Saturday the 6th February, 2016 at IEP Convention Centre. Engr. Prof. Dr. Mir Shabbar Ali, Chairman, Urban & Infrastructure Engineering NEDUET. Engr. Ashar Lodi, Director, Exponent Engineers, Engr. Dr. Farrukh Arif, Assistant Professor, Civil Engineering Department, NEDUET were among Speakers. A panel discussion was also held after the seminar. The panelist were: Dr. Mir Shabbar Ali, Engr. Ashar Lodi, Engr. Hammad Siddiqui, UNDP-Islamabad. The Seminar was attended 60 delegates.

Interactive Seminar on “Women Entrepreneurship” 20th February, 2016



Ms. Tahira Raza
Presenting her
presentation on
Women Entrepreneurship



Chairman, IEP,
Karachi Centre
Engr. Prof. Dr.
S.F.A. Rafeeqi
Presenting the
Flower Bouquet to
Ms. Tahira Raza



Chairperson IEP
Women Committee
Engr. Asfia Aleem
presenting the
Shield to
Ms. Tahira Raza



A Group Photo
of Women
Engineers
Committee
members with
Ms. Tahira Raza

The Institution of Engineers Pakistan, Karachi Centre organized an Interactive Seminar on “ Women Entrepreneurship” on 20th February, 2016 at IEP Council Hall, Ms. Tahira Raza, President First Women Bank Limited delivered the Lecture.

Seminar on “ TQM Awareness & its Industrial Needs : Quality Excellence to Enhance you Boost your Organization Bottom Line” 27th February, 2016

The Institution of Engineers Pakistan, Karachi Centre and Department of Mechanical Engineering, NED University of Engineering and Technology arranged a Half Day Seminar on “ TQM Awareness & its Industrial Needs : Quality Excellence to Enhance you Boost your Organization Bottom Line” (Session-1) conducted by Engr. Ali Zulqarnain, Acting Director, DIL, NEDUET on Saturday the 27th February, 2016 in IEP Council Hall.



Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP
Karachi Centre presenting the IEP Memento to
Engr. Ali Zulqarnain, Speaker, Engr. Ayaz Mirza,
Dr. Muhammad Tufail, are also seen in the picture



A group photo taken on the occasion L/R)
Engr. M. Jamil, Engr. Abdul Rahim, Engr. Prof. Dr.
S.F.A. Rafeeqi, Engr. Ayaz Mirza, Dr. M. Tufail,
Engr. Ali Zulqarnain, Engr. Meraj A. Khawaja,
Engr. Taufeeq Bilwani & Engr. S. M. Pervez Sadiq

*Training Programme
"Job Seeking Techniques for
Young Engineers"
1st October, 2016
(pg # 11)*

*Workshop on The Art of Thinking
out of the Box
held on 29th October, 2016
(pg # 11)*

*Workshop on
Essentials of Strategic Management
held on 5th November, 2016
(pg # 11)*

*Workshop on Discover Your
Intelligence held on
12 November, 2016
(pg # 12)*

*Workshop on Personal Excellence
Through NLP
held on 26th November, 2016*

*Visit Younas Wind Mill
Power Project at Jhampir
held on 3rd December, 2016
(pg # 12)*

*A talk on "Export Credit -
Financial Structuring Solution"
on 8th December, 2016
(pg # 12)*

*8th Civil Engineering Congress
23rd & 24th December, 2016
(pg # 13)*

*IEP Member Appointed/Nominated
on various Committees (pg # 13)*

*IEP Karachi Sub Centre in USA
(pg # 13)*

*Forth Coming Programmes
(pg # 14)*

*Programme
held in year 2017 (pg # 14)*

Achievements (pg # 14)

Congratulations (pg # 14)

Technical Lectures (pg # 14)

Obituary (pg # 14)

Seminar on "Energy Efficient Buildings, Districts and Smart Cities Learning from latest Trends and Development for Pakistan) & Panel Discussion on 12th March, 2016



**Dr. Abdul Samad Kazi
presenting his presentation**

The Institution of Engineers Pakistan, Karachi Centre and Department of Mechanical Engineering, NED University of Engineering and Technology arranged a Half Day Seminar on "Energy Efficient Buildings, Districts and Smart Cities Learning from latest Trends and Development for Pakistan & Panel Discussion. The seminar was conducted by Dr. Abdul Samad Kazi, Vice-President, Research Strategy and Foresight VTT Technical Research Centre, Finland on 1st March, 2016 in Convention Centre. The Seminar was well attended 66 delegates.

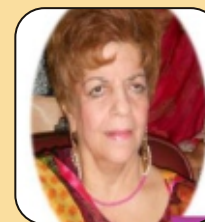
Seminar to celebrate International Women Day on "Pledge for Parity" on 19 March, 2016,



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi Centre



Engr. Ayaz Mirza
Secretary, IEP, Karachi Centre



Engr. Asfia Aleem
First Lady Engineer of Pakistan



Engr. Dr. Shahgufta Ishtyaque



Engr. Rehana Ghulam Ali



Engr. Dr. Sadia Muniza Faraz



Engr. Rashida Sohni



Engr. Asfia Aleem presenting
the Shield to Speaker

Seminar to celebrate International Women Day was held on Saturday the 19 March, 2016, at IEP Convention Center. The Theme of the seminar was "Pledge for Parity". 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. Sadia Muniza Faraz. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, 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, reflecting the dedication of the women engineers organizing committee. Engr. Nooruddin Ahmed, in his speech appreciated the efforts put up by IEP Karachi Centre Women Engineers Committee, office bearers and members of the organizing committee.

(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))

Seminar on “ Strengthening & Seismic Retrofitting of RC and Masonry Structures with FRP and TRM: Behavior and Design” 29th March, 2016



Engr. Prof. Dr.
S.F.A. Rafeeqi



Dr. Abdul Jabbar Sangi



Prof. Thanasis
Triantafillou

The Institution of Engineers Pakistan, Karachi Centre arranged a Half Day Seminar on “ Strengthening & Seismic Retrofitting of RC and Masonry Structures with FRP and TRM: Behavior and Design”. The Seminar was conducted by Prof. Thanasis Triantafillou, Department of Civil Engineering, University of Patras, Greece on 29th March, 2016 at IEP Convection Centre.

(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))

Seminar on Climate Change-Mitigation and Adaption (To Commemorate the International Earth Day” on 30 April, 2016



Engr. Prof. Dr.
S.F.A. Rafeeqi



Engr. Farhan Anwer
Speaker



Dr. Noman Ahmed
Speaker



Engr. Beena Riaz
Conducting the Seminar

Seminar on Climate Change - Mitigation and Adaptation to commemorate the International Earth Day was held on Saturday the 30th April, 2016 at IEP Convention Center. The Seminar started with recitation of Holy Quran by Engr. Malik Nasir Mahmood followed by National Anthem and an International Earth Day song. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the welcome address. He acknowledged and praised the outstanding efforts of Engr. Asfia Aleem; Chairperson of the Women Engineers Committee and her team in organizing an exclusive event of its kind held at the IEP, reflecting the dedication of the Women Engineers Organizing Committee. Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented an overview of the Institution of Engineers Pakistan. He also appreciated the efforts of IEP Karachi Centre Women Engineers Committee particularly Engr. Asfia Aleem, Chairperson of the Women Engineers Committee for making the event a success. 77 delegates attended the Seminar. (For details please visit our website [www: iepkarachi.or.pk](http://www.iepkarachi.or.pk))

1st International Electrical Engineering Congress 13th & 14th May, 2016 at Karachi

The 1st International Electrical Engineering Congress (IEEC-2016) jointly organized by the Institution of Engineers Pakistan, Karachi Centre and NED University of Engineering and Technology, Karachi, in collaboration with Federation of Engineering Institutions of Islamic Countries (FEIIC), Federation of Engineering Institutions of South and Central Asia (FEISCA), K-Electric, The Institution of Electrical & Electronics Engineers Pakistan (IEEEP-Karachi Chapter) The Institution of Engineering & Technology (IET Karachi Chapter) and IEEE Power & Energy Society (IEEE PES-Karachi Chapter), was held on 13th & 14th May, 2016 at IEP Convention Centre. Engr. Khalid Javed, Deputy Chief, Generation & Transmission Officer was the Chief Guest at the Inaugural Session. Engr. Azfar Alam, Senior Director, Energy Management & Transmission Solution, Siemens Pakistan Engineering Co. Ltd was the Guest of Honor. Theme of the Congress was “Innovation and Advances in Electrical Engineering”. 24 Oral and 18 Poster Presentation were Presented in the Congress the best Paper Award was given to Engr. Kashif Iqbal Ghazi and 118 delegated attended the Congress.

(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))



(L/R) Engr. Idris Khan, Dr.Saad Qazi, Dr. Afzal Haque ,Engr.Sohail Bashir, Engr. Prof .Dr. S. F. A. Rafeeqi, Engr.Ayaz Mirza, Engr.Rizuddin & Engr. Hammad



President, IEP Dr. Izhar Ul Haq presenting Congress Memento to Engr. Azfar Alam, Chief Guest of the Inaugural Ceremony.



Engr. Prof. Dr.S.F.A Rafeeqi, Chairman, IEP Karachi Centre presenting the Congress shield to Keynote Speaker Prof. Ir. Dr. Mohd Wazir Bin Mustafa, Deputy Dean (Academic) from Universiti Teknologi, Malaysia (UTM).



Engr. Mian Sultan Mahmood, Secretary General, IEP presenting the Congress Memento to Dr. Muhammad Ali Memon, Co- Convener, 1st IEEEC

Seminar on Finance for Engineers on 21st May, 2016



Engr. Neelofar Hameed Khan conducting the seminar and Engr. Prof. Dr.S.F.A. Rafeeqi, Chairman, IEP, Karachi Centre presenting the shield to Mr. Moiz Ahmed and Mr. Saleem Ahmed, Guest Speakers

The Institution of Engineers Pakistan, Karachi Centre had organized a Seminar on Finance for Engineers. Mr. Moiz Ahmed, Management Consultant, Trainer and a visiting Faculty at Institute of Business Administration and Mr. Saleem Ahmed, Head Market & liquidity Risk Management, National Bank of Pakistan conducted the Seminar on 21st May, 2016 at IEP Convention Centre. 52 delegates attended the Seminar.

Interactive Seminar on “Performance Measurement of a Supply Chain & Supply Chain Integration” on 28th May, 2016



Engr. Abdul Rahim presenting the introduction of the seminar



Engr. Prof.Dr.S.F.A. Rafeeqi Chairman, IEP, Karachi Centre presenting the welcome address.



Mr. Akmal Ataullah presenting his presentation

The Institution of Engineers Pakistan, Karachi Centre arranged a Interactive Seminar on “Performance Measurement of a Supply Chain & Supply Chain Integration” on 28th May, 2016 in IEP Convention Center.

Mr. Akmal Ataullah, Director, Institute of Balanced Scorecard Pakistan was the guest speaker. 71 delegates attended the Seminar.

1st International Conference on Environmental Engineering and Management on 4th June, 2016



Engr. Prof. Dr.
S.F.A. Rafeeqi



Engr. Dr.
M. Afzal Haque



Engr. Dr.
Sarosh H. Lodhi



Group Photo



Panel Discussion

The Institution of Engineers Pakistan, Karachi Centre in collaboration with NED University of Engineering and Technology had arranged The 1st International Conference on Environmental Engineering and Management followed by Panel Discussion on 4th June, 2016. The Seminar started from recitation of Holy Quran. Engr. Prof. Dr. S.F.A. Rafeeqi presented his welcome address. The Keynote lecture was presented by Prof. Dr. Heekwan Lee, Professor, Incheon National University, Korea. Engr. Prof. Dr. Sarosh Hashmat Lodi, Dean, Civil Engineering and Architecture, NEDUET presented the vote of thanks. The Conference was spread over 3 Technical Sessions as follows: 1st Technical Session on "Air Pollution, Climate Changes and Environmental Sustainability". 2nd Technical Session on "Environmental Legislation (Panel Discussion) conducted by IEP Karachi Centre Women Engineers Committee. 3rd Technical Session on "Wastewater Engineering and Municipal Waste Management. The event formally came to an end with the concluding remarks by Prof. Dr. Asif Ahmed Shaikh, Chairman, Department of Environmental Engineering, NEDUET. The Conference was well attended and 124 Participants was registered. **(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**

6th International Mechanical Engineering Congress (6 IMEC-2016) 15th & 16th July, 2016



Engr. Shoail Bashir
Chief Organizer



Dr. M. Afzal Haque
Guest of Honor



Engr. Prof. Dr.
S.F.A. Rafeeqi



Dr. Muzaffar Mahmood
Chief Guest



Dr. Muhammad Tufail,
Convener of the Congress
presenting the Congress
introduction

The 6TH International Mechanical Engineering Congress (6IMEC-2016) jointly organized by the Institution of Engineers Pakistan, Karachi Centre and NED University of Engineering and Technology, Karachi, in collaboration with Federation of Engineering Institutions of Islamic Countries (FEIIC), Federation of Engineering Institutions of South and Central Asia (FEISCA), Higher Education Commission of Pakistan (HEC) was held on 15th & 16th July, 2016 at IEP Convention Centre. Engr. Prof. Dr. Muzaffar Mahmood, Dean Academic, PAF-KIET and Vice-President (Mechanical and Allied), IEP, was the Chief Guest at the Inaugural Session. Theme of the Congress was "Green Systems and Innovations". 25 Papers were Presented to the Congress. The best paper award was given to Engr. Syed Asad Ali Naqvi, Engr. Muhammad Fahad, Engr. Muhammad Atir, Engr. Muhammad Zubair and Engr. Musharaf Shehzad from NEDUET on their paper entitled "Design and Evaluation of Layout for an Energy Efficient Facility". **(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**



Engr. Ayaz Mirza,
Secretary,
IEP Karachi Centre
presenting
the vote of thanks



Engr. Prof. Dr. S.F.A. Rafeeqi Chairman,
IEP, Karachi Centre presenting the congress memento
to Keynote Speaker Prof. Dr. Wan Mohd Norsani Bin Wan Nik,
Deputy Dean (Academic and Student), Maritime Technology Department,
School of Ocean Engineering, Universiti Malaysia, Terengganu.



Engr. Ayaz Mirza, Secretary IEP, Karachi Centre presenting the congress memento to Engr. Syed Asif Mahmood and Dr. M. Afzal Haque, Vice-Chancellor, NEDUET

International Workshop on Earthquake Engineering 29th-31st July, 2016



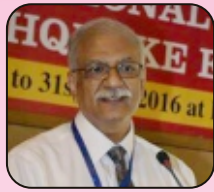
Engr. Sohail Basir



Engr. Prof. Dr. S.F.A. Rafeeqi



Dr. Sarosh H. Lodi



Engr. Khalid Mirza



Prof. Dr. Polat Gulkan
conducting the workshop



Prof. Syed Tanvir Wasti
conducting the workshop



Engr. Ayaz Mirza
presenting the
Vote of Thanks



Engr. Khalid Mirza,
Prof. Dr. Polat Gulkan,
Engr. Sohail Bashir and
Prof. Syed Tanvir Wasti



A Group Photograph
with the participants
of the Workshop

The Institution of Engineers Pakistan, Karachi Centre in collaboration with NED University of Engineering and Technology arranged an International Workshop on Earthquake Engineering, from 29th-31st July, 2016. Professor Syed Tanvir Wasti, Professor Emeritus in the Civil Engineering Department at Middle East Technical University (METU), Ankara, Turkey, and Prof. Dr. Polat Gulkan, Former President of the International Association for Earthquake Engineering (IAEE) conducted the Workshop. Engr. Sohail Bashir, Vice-Chairman (Civil), IEP Karachi Centre introduced the Workshop Trainers. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the welcome address. He acknowledged and praised the outstanding efforts of Engr. Khalid Mirza, Member Central Council, and Engr. Sohail Bashir for taking very keen interest in organizing this workshop apart from a very valuable coordinating support from NED University of Engineering and Technology. The Workshop was well attended by 84 delegates. **(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**

Seminar on "Thar Coal Project" 20th August, 2016



Engr. Beena Riaz



Engr. Prof. Dr. S.F.A. Rafeeqi



Engr. A.A. Chandani



Mr. Nasir Soomro, Engr. Dr. Azim Akbar, Engr. Dr. Kishan Chand Mukawa, Engr. M.A. Shishmahal
presenting their papers



Mr. Javed Jabbar



Engr. Ayaz Mirza



Group Photo

Seminar on "Thar Coal Project" was held on Saturday the 20th August, 2016 at IEP Convention Center. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the welcome address. He acknowledged and praised the outstanding efforts of IEP Karachi Centre Women Engineers Committee and particularly Engr. Asfia Aleem; Chairperson and her team in organizing an exclusive event of its kind held at the IEP, reflecting the dedication of the Women Engineers Organizing Committee. Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented an overview of the Institution of Engineers Pakistan. He also appreciated the efforts of IEP Karachi Centre Women Engineers Committee, particularly Engr. Asfia Aleem Chairperson of the Women Engineers Committee, Engr. Beena Riaz, Engr. Rukhsana Rahooja and Engr. Bushra Nadeem Mufti in making the event a success. Engr. Beena Riaz conducted the seminar. 104 delegates attended the Seminar. **(For details please visit our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**

Training Porgamme "Job Seeking Techniques for Young Engineers" 1st October, 2016



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi
presenting the welcome address



Engr. Muhammad Umar
Conducting the Seminar



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



Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP, Karachi Centre
presenting the Seminar memento to Engr. Muhammad Umar-Trainer.

The Institution of Engineers Pakistan, Karachi Centre organized a Training Porgamme on "Job Seeking Techniques for Young Engineers" on 1st October, 2016. Training was conducted by Engr. Muhammad Umer Siddiqui, he is Mechanical Engineer from NED University of Engineering & Technology, Karachi, having experience of more than thirteen years with reputable and large energy sector organizations. His qualifications are recognized by Engineers Australia. He is certified by International Register for certified auditors (IRCA) as OHSAS 19001 Lead Auditor. Engr. Siddiqui is delivering lectures and conducting different courses and events related to Mechanical Maintenance and QHSE for past few years. 53 delegates attended the Seminar. **(For details please our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**

Workshop on "The Art of Thinking out of the Box" 29th October, 2016



Engr. A.Raheem



Engr. Faisal Bin Badar
Trainer



Engr. Ayaz Mirza



Engr. Prof. Dr. S.F.A. Rafeeqi
presenting shield to the Trainer

The Institution of Engineers Pakistan Karachi Centre organized a Workshop on "The Art of Thinking out of the Box" (An Interactive activity-based workshop specifically designed for Engineers on 29th October, 2016. Workshop was conducted by Engr. Faisal Bin Badar he is a Strategist, Change Catalyst, Entrepreneur, Consultant and Trainer, PhD Scholar (entrepreneurship), MBA(IBA), MS-Electrical (NUST), Deputy Director NUST-Pakistan Navy Engineering College, Professional Development Center and Master Trainer SMEDA/UNDP Entrepreneurship Program. 126 delegates attended the Seminar. **(For details please our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**

Workshop on "Essentials of Strategic Management" 5th November, 2016



Engr. Muhammad Furqan
Conducting the workshop



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi
presenting the Shield to
Engr. Muhammad Furqan-Trainer



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi Center
Engr. Sohail Bashir,
Engr. Mujtaba Shiakh,
Engr. Khalid Parwez

The Institution of Engineers Pakistan, Karachi Centre organized a Workshop on "Essentials of Strategic Management" on 5th November, 2016 Workshop was conducted by Engr. Muhammad Furqan, Graduated B.E from NED University in Industrial & Manufacturing Engineering and M.S from Jonkoping University, Sweden, in product development & materials engineering. Worked as an Assistant Manager in Dawood Yamaha Limited, team leader of operations and quality management in R&D Engineering Company and researcher in material & manufacturing technology department in Jonkoping University, Sweden. Established students associations in SWEDEN and worked as a public speaker for Swedish educational nationwide organizations "ABF and Ibn-rushd" to conduct training for youth in Sweden. More than 100 delegates attended the Seminar. **(For details please our website [www: iepkarachi.org.pk](http://www.iepkarachi.org.pk))**

Workshop on “Discover Your Intelligence!” 12th November, 2016



Mr. Ravat Khan
conducting the workshop on
Discover Your intelligence



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP, Karachi Centre
presenting the Shield to
Mr. Ravat Khan-Trainer

The Institution of Engineers Pakistan Karachi Centre organized a Workshop on “Discover Your Intelligence!” on 12th November, 2016, Workshop was conducted by Mr. Ravat Khan, he is an International Certified Master Trainer (Up your Service College - Singapore), with over 15 years of professional experience in Training & Development, Banking, Customer Services, Enterprise Operations, Marketing, Business & Education Management. Worked in the capacity of Master Trainer, Branch Manager, Operations Manager, Customer Services Manager, Administrator and Faculty Member at various prestigious institutes of Pakistan. Currently working in the capacity of Director at TOP (Talent Optimization of People) with a strong focus on empowering youth (individuals & professionals) to help them discover their talents and realize their true potential. The Workshop was attended by over 100 delegates attended the Seminar. **(For details please visit our website [www:iepkarachi.or.pk](http://www.iepkarachi.or.pk))**

“Workshop on Personal Excellence through NLP” Saturday the 26th November, 2016



Engr. Neelofar Hameed Khan
introducing the Speaker



Engr. Payam Siddiqi
conducting the workshop



Engr. Ayaz Mirza Secretary,
IEP, Karachi Centre presenting
the Shield to
Engr. Payam Siddiqi

The Institution of Engineers Pakistan Karachi Centre organized a Workshop on “Personal Excellence through NLP” on Saturday the 26th November, 2016 at IEP Convention Center, Workshop was conducted by Engr. Payam Siddiqi, an internationally certified trainer and master practitioner of NLP. 80 delegates attended the Seminar.

(For details please visit our website [www:iepkarachi.or.pk](http://www.iepkarachi.or.pk))

Visit to Younas Wind Mill Power Project at Jahmpir” on 3rd December, 2016.

The Mechanical Division of The Institution of Engineers Pakistan, Karachi Centre had arranged a visit to “Younas Wind Mill Power Project at Jahmpir” on 3rd December, 2016.



Engr. Idris Khan,
Engr. S. Jamshed Ali Rizvi,
Engr. Meraj A. Khawaja,
Engr. Jilani Yousuf



Engr. Abdul Aziz Bhutto,
Engr. Abid Ali Hirani,
Engr. Tafseer A. Khan,
Engr. Mumtaz A. Memon



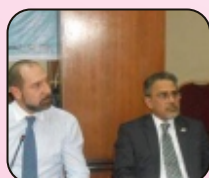
A Group Photographs taken on the occasion



A talk on “Export Credit – Financial Structuring Solution” on 8th December, 2016



Engr. Asim Murtaza Khan



Mr. Marco Ferioli



Engr. Sohail Bashir
presenting the IEP Bag
to Guest.

The Institution of Engineers Pakistan, Karachi Centre, arranged a talk on “Export Credit – Financial Structuring Solution” on 8th December, 2016 Talk was delivered by Mr. Marco Ferioli: He is the General Manager, SACE S.P.A. Dubai Office and is Head of MENA Region. SACE, is an Italian Export Credit Agency, providing export credit insurance, investment protection, financial guarantees, sureties and other financial solutions best suited for projects and initiatives involving Italian partners or related supplies from Italy. SACE covers risks in 189 countries.

8th International Civil Engineering Congress 23rd & 24th December, 2016



Dr Farrukh Arif
Co-Convenor
8th ICEC-2016



Engr. Sohail Bashir
Chief Organizer
8th ICEC-2016



Prof. Dr. Sarosh H. Lodi,
Convenor
8th ICEC-2016



Engr. Prof. Dr. S.F.A. Rafeeqi,
Chairman, IEP,
Karachi Centre



Prof. Dr. Muhamamd Afzal Haque,
Vice-Chancellor,
NEDUET



Engr. Ayaz Mirza
Secretary, IEP,
Karachi Centre



Prof. Martin Smith presented the keynote speech and **Dr. M. Afzal Haque, VC-NEDUET** presented the Shield to **Prof. Martin Smith** and **Engr. Prof. Dr. S.F.A. Rafeeqi** presented the shield to **VC-NEDUET**



The Institution of Engineers Pakistan Karachi Centre jointly organized with NED University of Engineering and Technology, the 8th International Civil Engineering Congress (8th ICEC-2016) on **23rd & 24th December, 2016**. The Inauguration of the Congress was held on 23rd December, 2016 at Video Conferencing Hall, Civil Engineering Department, NED University of Engineering & Technology and 2nd days event at IEP Convention Center, Karachi in collaboration with The Asian Civil Engineering Coordinating Council (ACEC), Federation of Engineering Institutions of Islamic Countries (FEIIC), and Federation of Engineering Institutions of South & Central Asia (FEISCA). Theme of the 8th International Civil Engineering Congress was **“Ensuring Technological Advancements Through Innovation based Knowledge Corridor”**. Mr. Martin Smith, MD, Matrics Consultants Pvt Ltd-Uk presented the Keynote Speech, Prof. Dr. Muhammad Afzal Haque, Vice-Chancellor, NED University of Engineering & Technology was the Chief Guest. 41 Papers was presented in the Conference and Best Paper Award was given to Engr. Anwaar Hazoor

(For details please visit our website www.iepkarachi.org.pk)

IEP Members appointed/Nominated on various committees

- Engr. Prof. Dr. S.F.A. Rafeeqi appointed member Syndicate, NEDUET
- Engr. Farhat Adil appointed member Syndicate, NEDUET
- Engr. Prof. Dr. S.F.A Rafeeqi appointed member of Search Committee for VC of Engineering Universities of Sindh
- Engr. Prof. Dr. S.F.A Rafeeqi nominated in the Sindh Building Control Authority Committee for Registration of Proof Engineers.
- Engr. Ayaz Mirza nominated member Governing Body of Sindh Board of Technical Education Committee

- Engr. Sohail Bashir nominated in the Sindh Building Control Authority Committee for Environmental & Building Services Section and Licensing Committee.
- Engr. Gulzar A. Memon nominated in the Sindh Environmental Protection Agency Committee

IEP Karachi Sub-Centre formed in USA –Tri State

A sub-Centre affiliated with IEP Karachi Centre has been formed in USA Tri-States comprising of New York, New Jersey and Connecticut. Engr. Rizwan Mumtaz has been nominated as Convenor of this Sub-Centre.

Technical visit to Karachi Harbour Cruising on 30th April, 2016

The Mechanical Division of the Institution of Engineers Pakistan Karachi Centre arranged a technical visit to Karachi Harbour Cruising on Saturday the 30th April, 2016

Congratulations



Engr. Syed Murad Ali Shah
Elected as Chief Minter of Sindh



Engr. Tayyab Hussain
Elected as Mayor of Hyderabad



Engr. Dr. Arshad Abdullah Vohra
Elected as Deputy Mayor of Karachi



Engr. Prof. Dr. Sarosh H. Lodi
being appointed as Vice-Chancellor, NEDUET



Engr. Prof. Dr. Afzal ul Haque
appointed as Vice-Chancellor, SSUET



Engr. Prof. Dr. Muhammad Tufail,
elevated to the position as Pro Vice Chancellor, NEDUET



Engr. Prof. Dr. Mir Shabber Ali,
Promoted as Dean, Faculty of Civil & Architecture Engineering, NEDUET



Engr. Gulzar A. Memon,
nominated as Chairman SARSO

Technical Lectures

The Institution of Engineers Pakistan Karachi Centre in collaboration with Pakistan Division Royal Aeronautical Society arranged a technical lecture on "Introduction to Space Technology and Applications in Aerospace" by Air Cdre Arshad H. Siraj, SUPARCO on February 25, 2016 at PIA Training Centre Auditorium, Karachi

The Institution of Engineers Pakistan Karachi Centre arranged a technical lecture on "Risk Management in Aviation" by Captain Mohsin Ausaf, Commanding A320 as an Instructor Pilot in PIA and Engr. Mrs. Seema Zaman, Deputy General Manager Corporate Quality Assurance, PIA on 26th April, 2016 in collaboration with The Royal Aeronautical Society, Pakistan Division, Society of Air Safety Investigators Pakistan (SASI Pakistan) at PIA Training Centre, Karachi.

Obituary

The Editorial Board on behalf of IEP, Karachi Centre expresses Profound grief on the sad demise of the following:

Engr. Yaqub Karim, Engr. Mustafa Hasan, Brother in Law of Engr. Anwar ul Haq Siddiqui, Mother in Law of Engr. Farhat Adil, Mother of Engr. Prof. Dr. Shagufta Ishteaque, Grandmother and Cousin of Engr. M.Ozair Vohra, Engr. Bashir Choudhry, Mother of Engr. Shamim Khan Ghouri, Brother in Law of Engr. Bushra Nadeem Mufti, Nephew of Engr. Sarfraz Natha, Engr. Shoaib Islam, Engr. M.H.Zoomkawala, Father of Engr. Al-Kazim Mansoor, Mr. Arif Rehman, Mr. Abdul Sattar Edhi, Engr. Ashiq Ali Hemani, Engr. Zaffar Ahmed Khan, Engr. Nadeem Ansari, Mother of Engr. Masood Rao, Uncle of Mr. M. Sualeh Khan, Jawed Akhter father of Imran Jawed, Engr. Hamidullah, Sister in Law of Engr. Meraj A. Khwaja, Brother of Engr. Zahid Hussain Lashari, Mother in Law of Engr. Sadia Muniza Faraz, Mother of Engr. Prof. Dr. Muzaffar Mahmood, Father in Law of Engr. Asim Murtaza Khan, Brother in Law of Engr. Idris Khan, Engr. Saima Adil, Mother of Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre, Engr. Prof. Dr. S.M.Makhdumi, Member, Central Council, IEP, Engr. Shakeel, Brother of Engr. Mukhtiar A. Shaikh, Mother of Engr. Shabiul Hasan, Mother of Engr. Rashid Khan, Mother of Engr. Niaz Ahmed Memon, Mother of Engr. Rukhsana Rahooja.



Achievements

- IEP Gold Medal Award to Position Holders.
- Chairman's Award for the Best Paper of the International Conferences /Congresses.
- Formation of IEP Karachi Sub Centre in USA Tri States comprising of New York/New Jersey & Connecticut.
- Holding of 5 International Conferences in a year .
- Preparing a Documentary Film of IEP .
- Holding of CPD related Activities on regular basis.
- Refurbishment of IEP, Karachi Centre.
- Local Council Meetings on regular basis.

Forthcoming Programmes

- 5th International Conference on Infrastructure
- Engineering In Developing Countries (IEDC-2017) will be held on 14 & 15 July, 2017.
- 1 Day 2nd International Environmental Conference
- 1 Day 1st International Multi-Disciplinary Congress
- Half Day Seminar on Stress and Self-Management for Engineers
- 1 day 1st International Electronics Engineering Conference
- 9th International Civil Engineering Conference will be held in December, 2017
- Annual Convention will be held in December, 2017
- Function related to all Position holders to be held on 8th July, 2017
- Seminar on "Construction Management will be held on 5th August, 2017

Programme held in 2017

- Seminar on "Emerging Technologies" held on 21st January. 2017
- Seminar on "Productivity Improvement Through Kaizen & 5S Process" held on 25th February, 2017
- "7th International Mechanical Engineering Conference" held on 24th & 25th March, 2017
- Workshop on "Fraud Investigation" held on 1st April, 2017
- Workshop on "Corporate Governance" held on 8th April, 2017
- Seminar on "Exploring Job Opportunities for women Engineers Part Time, Full Time and Home Based" held on 15th April, 2017
- Seminar on "Communication Skills for Engineers" held on 22nd April, 2017
- Workshop on "CPEC Myths and Realities" held on 13th May, 2017
- Seminar on "Pressing Needs of the Oil Sector" held on 18th May, 2017
- "2nd International Electrical Engineering Conference" held on 19th & 20th May, 2017, (Details will be given in next Issue)



A Group Photographs of Members Central Council Meeting who attended the Central Council Meeting held on 7th December, 2016 at Gawadar.

Invitation for CPD Experts / Resource Persons

The Institution of Engineers Pakistan (IEP) Karachi Centre under its Constitution and Bye-Laws is initiating courses for professional development of engineers compliant to the requirements of a registered Professional Engineering Body (WEB) of Pakistan Engineering Council. In order to cover wide range of subject areas and ensuring quality of CPD implementation in accordance to PEC requirements, the IEP Karachi Centre 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 at 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: main@iepkarachi.org.pk, info.iepkc@gmail.com

Forthcoming International Conference/Seminar/Convention

Korean Society of Civil Engineers has arrange a Civil Engineering Conference in the Asian Region: CECARB held on 16-18 April, 2019 at Tokyo-Japan.

World Engineering Forum (WEF 2017) from 26 November to 2 December 2017, in Rome.

World Engineers Convention in Australia from 18 – 19 November 2019 Melbourne

For information please contact
Director General, IEP
Tel: 042-35750699, 35754043
E-mail: iephq@gmail.com

Updation of Members List

IEP Karachi Centre is upgrading its membership list. We have found that a number of Engineers have changed their addresses and have failed to intimate the office.

All members are requested to update their particulars. We have also discovered that there are a large number of members who have not paid their dues for some time. It is requested that they pay their dues at the earliest failing which their name maybe struck off from the membership list as per IEP Constitution and Bye-Laws

LIFE MEMBERSHIP (LIMITED TIME OFFER)

In Order to enhance membership IEP has reduced Life Membership Fee from Rs. 1000/= to Rs. 500/= for a Limited period upto December, 2017



President, Republic of Pakistan Mamnoon Hussain with foreign delegates and members organizing committee during a seminar on "China-Pakistan Economic Corridor: Opportunities and Challenges " jointly organized by National University of Science & Technology and Institution of Engineers Pakistan , Islamabad Centre on March 29, 2017, Rana Tanveer Hussain Minister for Science & Technology and Sun Weidong, Ambassador of China also seen the picture.

Vol. 45 Issue January- December, 2016 Reg. No: 288

Chairman

Engr. Prof. Dr. S.F. A. Rafeeqi

Secretary, Editor & Published by

Engr. Ayaz Mirza

Secretary to Editor

Mr. Sikandar Mannan
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

From Editorial Desk

In view of foregoing , we conclude by extending prayers to Almighty to kindly and gracefully forgive and pardon us all and guide us the wisdom and strength to continue to serve all humanity in general and the engineering community in particular. For this endeavor, we extend warm welcome to all our engineering brethren to take a bold step of forgive and forget and join us to make a formidable team for the ultimate benefit of all.



The Institution of Engineers, Pakistan
KARACHI CENTRE

The Institution of Engineers Pakistan

KARACHI CENTRE

177/2, Liaquat Barracks, 4th Floor, IEP Building, Shahrah-e-Faisal

Opposite: Hotel Regent Plaza, Karachi-75530

Tel: 021-32780233, 32781492

E-mail: main@iepkarachi.org.pk, info.iepkc@gmail.com