

The Institution of Engineers Pakistan

Karachi Centre

NEWSLETTER

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



Engr. Ayaz Mirza
Secretary, IEP, Karachi Centre

Most probably this would be the last issue of Newsletter for this term of the Council, however, you will be witnessing more improvement while retaining the form and frequency as the new council takes the responsibility of running the affairs of IEP, Karachi Centre. The schedule of election for the term 2019-2021 has already been announced and we hope that we would be welcoming more able, sincere and enthusiastic members for this term. Thanking you all for helping us out in many of our endeavours Chairman, IEP, Karachi Centre

The Institution of Engineers Pakistan, Karachi Centre celebrated Engineers Day 6th May, 2018 at NEDUET Auditorium

The Institution of Engineers Pakistan was founded on 7th May, 1948 at Chittagong with the blessing of the Father of the Nation, Quaid-e-Azam Muhammad Ali Jinnah. The Institution of Engineers Pakistan throughout Pakistan and abroad celebrate its foundation day as "Engineers Day" every year in the month of May. The Institution of Engineers Pakistan Karachi Centre celebrated the Engineers Day ceremony on **Sunday 6th May, 2018** at the Auditorium of NED University of Engineering and Technology, Karachi and awarded Life Time Achievement Award to distinguished Engineers in various categories:

Engineering Education, Sports, Public Service & Administration, Judiciary, Culture, Welfare & Social Services, Entrepreneurship, Commerce & Industry, and also awarded Posthumous Life Time Achievement Award of the following categories:

Engineering Education, Engineering & Technology, Culture

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

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- Gold Medals awarded to the 1st position holder students of Hamdard University of Engineering & Technology



Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP, Karachi Centre, Engr. Farhat Adil, Vice President, IEP, Engr. Prof. Dr. Sarosh H. Lodi, Vice-Chancellor, NEDUET, Engr. Mian Sultan Mahmood, Secretary General, IEP, Engr. Al-Kazim Mansoor, Engr. Ayaz Mirza, Secretary, IEP Karachi Centre, Engr. Nabil Kaloo and Engr. Sohail Bashir Vice-Chairman, IEP, Karachi Centre speaking on this occasion



Engr. Brig. Syed Basim Saeed, Engr. Muhammad Najeeb Haroon, Engr. Aftab Siddiqui receiving the IEP Life Time Achievement Award from Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP, Karachi Centre

- Gold Medal awarded to the 1st position holder student of PAF-Karachi Institute of Economics & Technology
- Gold Medals awarded to the 1st position holder students of Sir Syed University of Engineering & Technology
- Gold Medals awarded to the 1st position holder students of NED University of Engineering & Technology
- Gold Medals awarded to the 1st position holder Students of Usman Institute of Technology
- Seminar on Pakistan Oil Refining Challenges & Strategies for Staying Competitive
15 February, 2018
- 3rd International Electrical Engineering Conference on 9th & 10th February, 2018
- TC -22 Workshop on Retrofitting and Strengthening of Existing Structures/Infrastructures on 23 & 24 February, 2018
- 8th International Mechanical Engineering Conference 26 & 27 January, 2018
- Seminar on Phenomenal Stress and Management Systems Awareness Session on 10th March, 2018
- 9th International Civil Engineering Conference 22 & 23 December, 2017
- Forthcoming Events
- Iftar Dinner hosted by Engr. S.Jamshed Ali Rizvi
- 574th Local Council Meeting on 28th April, 2018
- Flag Hoisting Ceremony
- Seminar on Technology Development and the future of Jobs on 8th September, 2018
- Central council Meeting
- Inaugural Ceremony of Shuttle Service
- Seminar on How to Achieve Excellence in life, 22nd September, 2018
- ACECC 35th Executive Committee Meeting on 8-10 Oct. 2018 at Melbourne, Australia
- Obituary



Engr. Munsarim Arif , Engr. M. Shoaib Ahmad Siddqui and Engr. Adnan Azdar receiving the IEP Life Time Achievement Award from Engr. Prof. Dr. S.F.A.Rafeeqi, Chairman, IEP, Karachi Centre



Engr. Asad Ashraf Malik, Engr. Saleem Ali Baig and Engr. Dr. Ashad Ali receiving the IEP Life Time Achievement Award from Engr. Prof. Dr. S.F.A.Rafeeqi, Chairman, IEP, Karachi Centre



Engr. Justice Zulfiqar Ahmad Khan , Engr. Saiyed Asif Mahmood and Engr.Syed Mazhar Ali receiving the IEP Life Time Achievement Award from Engr. Prof. Dr. S.F.A.Rafeeqi, Chairman, IEP, Karachi Centre

Posthumous Life Time Achievement Awards



Engr. Umar Makhdumi son of late Engr. Prof. Dr. S.M.Makhdumi , Son of Late Engr. Umar Munshi and Son of Engr. Junaid Jamshed receiving the IEP Life Time Achievement Award Posthumous on behalf of their fathers from Engr. Prof. Dr. S.F.A.Rafeeqi, Chairman, IEP, Karachi Centre



Engr. Shahabuddin receiving the Life Time Achievement Award of Engr. Saeed Anwar and Engr. Khalid Mirza, son of Late Engr. Zaheer Mirza, Member,CCM receiving IEP Life Time Achievement Award Posthumous of his father from Engr. Prof. Dr. S. F. A. Rafeeqi, Chairman, IEP Karachi Centre

A large number of engineers around 800 attended the programme. There was enthusiasm among young engineers. Engr. Sohail Bashir, Vice-Chairman (Civil), IEP Karachi Centre conducted the programme. Engr. Farhat Adil, Vice-President (Civil), IEP presented the welcome address.

Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre, Engr. Prof. Dr. Sarosh Hashmat Lodi, Vice-Chancellor, NED University of Engineering and Technology also addressed the audience and stressed upon the engineers, engineering students and engineering community to play their due role for the development of engineering profession and the country.

Engr. Ayaz Mirza particularly thanked Engr. Prof. Dr. Sarosh Hashmat Lodi, Vice-Chancellor, NEDUET for his full support and allowing IEP Karachi Centre to hold its Engineers Day in NEDUET. He also thanked his entire team who worked hard day and night for the success of this event.

Engr. Ayaz Mirza specially thanked Engr. Sohail Bashir for his efforts and full support, coordination and cooperation for this successful Engineers Day.

Glimpses of IEP Engineers Day Celebration on 6th May, 2018 at NED Auditorium





Petroleum Institute of Pakistan (PIP), a representative body of the oil and gas sector in collaboration with the Institution of Engineers Pakistan (IEP) Karachi Centre and NED University of Engineering & Technology organized an Oil & Gas Conference in Karachi on 05th May 2018 with the theme "Emerging Fuel Mix for Pakistan & Markets Outlook".

The purpose of the conference was to provide a valuable platform for presenting the emerging fuel mix for Pakistan over the next 15 years in view of changing energy demand-supply scenarios. The conference contoured the HR developments & requirements, oil and gas demand/supply forecast, creating value for the E&P industry, infrastructure needs and energy security for long term sustainability.

Mr. Qazi Muhammad Saleem Siddiqui, Director General Gas & Director General Petroleum Concessions was the Guest of Honor. Mr. Siddiqui appreciated PIP's efforts in organizing an event on the emerging fuel mix of the country and enlightened the audience that DGPC office has been working closely with the Oil & Gas industry in ensuring growth and prosperity of the sector.



The topics covered in the conference were:

1. Emerging Fuel Mix for Pakistan by Dr. Javed Haneef Asst. Professor, Dept. of Petroleum Engineering NEDUET
2. Energy Security for Developing Economies by Dr. Liu Qiang, Secretary General of Global Energy Security Forum, Chinese Academy of Social Sciences, China
3. Oil Industry Plan to Address Incoming Challenges by Dr. M. Ilyas Fazil, CEO OCAC
4. Creating Value from E&P Sector by Upstream Companies View by Mr. Zaheer Alam Head of Exploration, UEPL
5. Reinvigorating the E&P Activities in Pakistan by Directorate General Petroleum Concessions
6. Pakistan Gas Market and Infrastructure Development by Mr. Asim Tirmizi, PD LGs, SSGC



Engr. Prof. Dr.S.F.A. Rafeeqi Chairman, IEP Karachi Centre presenting the conference memento to the Speakers Engr. Asim Murtaza Khan, CEO,PIP presenting the memento to Engr. Prof. Dr. S.F.A. Rafeeqi Chairman, IEP, Karachi Centre and Engr. Ayaz Mirza, Secretary, IEP, Karachi Centre

For Further information please visit www.pip.org.pk

The Institution of Engineers Pakistan, Karachi Centre organized a Seminar on “Paradigm Shift from Job to Business” on 28th April, 2018 in IEP Convention Center. The Seminar was conducted by Engr. Muhammad Umer Siddiqui, Senior Engineer (Maintenance), Drilling & Well Engineering Department, Pakistan Petroleum Limited



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

Engr. Umer Siddiqui conducting the Seminar

Engr. Abdul Rahim presenting the Vote of Thanks

Engr. Ayaz Mirza, Secretary, IEP Karachi Centre presenting the Shield and certificate to the Speaker Engr. Umer Siddiqui

Reception

Reception in honor of Engr. Syed Hasan Mehdi Kamal on 1st April, 2018 in IEP Council Hall

Reception in honor of Engr. Syed Hasan Mehdi Kamal from NED International Alumni Network, North America was held on 1st April, 2018 in IEP Karachi Centre, Council Hall



Seminar

Seminar on “Is CPEC a Game Changer?” on 17th March, 2018



The Institution of Engineers Pakistan, Karachi Centre organized a Seminar on “Is CPEC a Game Changer?” on Saturday the 17th March, 2018 in IEP Convention Center.

Mr. Mohammad Hanif Ajari
Director Global Export Network, Intuitional Business & Company Secretary, Getz Pharma

Sardar Shoukat Popalzai
President, Balochistan Economic Forum

Mr. Aamir Khan
Head of Research & Business Development, China Overseas Ports Handling Company Pakistan (Pvt) Limited

THE SEMINAR WAS CONDUCTED BY:

Engr. Admiral (Retd) Munir Wahid, SI(M)
Advisor Technical DCNS (France Mission), Karachi

**International Women Day
Press for Progress**

**Seminar on Phenomenal Stress and Management Systems Awareness Session
Theme: Press for Progress on Saturday the 10th March, 2018**



Engr. Prof. Dr.S.F.A.Rafeeqi , Chairman, IEP Karachi Centre presenting the shield and Certificate to the speakers, Engr.Asfia Aleem, and Engr.Ayaz Mirza, Secretary, IEP Karachi Centre are also seen in the picture

To commemorate the International Women’s Day, the Women’s Engineers Committee of the Institution of Engineers Pakistan, Karachi Centre organized a **Seminar on Phenomenal Stress and Management Systems Awareness Session** on 10th March, 2018 in IEP Convention Center. The theme of the International Women’s Day 2018 was “ **Press for Progress**”.

The Seminar was conducted by:

Ms. Ambreen Hameed a certified Stress & Self-Management Consultant with Consultants for Our Future World, U.S.A. LLC.(COFW). **Ms. Aamna Shaikh** a certified Stress & Self-Management Consultant with Consultants for Our Future World, U.S.A. LLC.(COFW).

Mr. Ather Ahmed a certified Stress & Self-Management Consultant with Consultants for Our Future World, U.S.A. LLC.(COFW). He has taken part in transforming the lives of thousands of clients in their achievement of living a Stress-Free, Joyful and Abundant life.

From the year 2016 the Institution of Engineers Pakistan, Karachi Centre started awarding Gold Medals to the 1st position holder students of accredited engineering programs of Universities in Karachi. Below are the glimpses of the convocation of various Universities along with the names of students who were awarded gold medals

HAMDARD UNIVERSITY OF ENGINEERING & TECHNOLOGY



Glimpses of 22nd Convocation of Hamdard University of Engineering & Technology held on 24 February, 2018

GOLD MEDALIST OF HAMDARD UNIVERSITY OF ENGINEERING & TECHNOLOGY

Engr. Muhammad Mudassir - BE (EE) Fall-2013-HIET
 Engr. Nizar Ali - BE (EE) Spring-2013-HIET
 Engr. Abdul Rahim - BE (CSE) Fall-2013-HIET
 Engr. Kamran Hassan -BE (CSE) Spring -2013-HIET
 Engr. Areeba Roshan -BE (BME) Fall-2013-HIET

Engr.Abeera Jamil -BE (BME) Spring-2013-HIET
 Engr.Eisha Bint Khalid -BE (BME) Fall-2012-HIET
 Engr. Muhammad Waqas - BE (TE) Spring-2013-HIET
 Engr.Mohammad Affan Khan -BE (Energy) Fall-2013- HIET
 Engr.Samad Ahmed -BE (Energy) Spring-2013-HIET

GOLD MEDALIST OF USMAN INSTITUTE OF TECHNOLOGY

Engr. Areeba Afaq EL (EE) (EK-UT-13-049)
 Engr. Mahnoor Khalid EL(CE) (EK-UT-12-202)

Engr. Sohaib Sarfraz EL (EE) (EK-UT-13-148)
 Engr. Muhammad Yawar Arshad EL(PE) (EK-UT-13-082)

PAF-KARACHI INSTITUTE OF ECONOMICS & TECHNOLOGY



Glimpses of 15TH Convocation of PAF-KIET held on 16TH February, 2018

GOLD MEDALIST OF PAF-KIET

Engr. Mehak Maqbool BE (Electronics) 2017
 Engr. Saaniya Suleh Faisal BE (Electrical) 2018

SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY



Glimpses of 21st Convocation of Sir Syed University of Engineering & Technology held on 11th March, 2018

GOLD MEDALIST OF SIR SYED UNIVERISTY OF ENGINEERING & TECHNOLOGY

- * Engr. Haniya Manzoor (Biomedical)
- * Engr. Nawazish Rabbani Bhojani (Computer Engineering)
- * Engr. Muhammad Washakh (Civil Engineering)
- * Engr. Muhammad Adeel Sarwar (Electronic Engineering)
- * Engr. Muhammad Abdullah (Telecommunication Engineering)

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY



Glimpses of 22nd Convocation of NED University of Engineering & Technology held on 6th January, 2018

GOLD MEDALIST OF NED UNIVERISTY OF ENGINEERING & TECHNOLOGY

Engr. Aqeeb Stattar - Automotive Engineering	Engr. Uzma – Bio Medical Engineering
Engr. Moshin Rizwan - Chemical Engineering	Engr. Mahanoor Afzal Khan – Civil Engineering specialization in Construction
Engr. Muhammad Rizwan - Civil Engineering	Engr. Hafiza Amna Tahir - Computer & Information Systems Engineering
Engr. Yusra Rauf - Electrical Engineering	Engr. Muhammad Hashir Bin Khalid - Electronics Engineering
Engr. Sabiha Fatima Sajjad - Food Engineering	Engr. Wara Fatima - Industrial & Manufacturing Engineering
Engr. Talha - Materials Engineering	Engr. Muhammad Zahid - Mechanical Engineering
Engr. Syed Mujtaba Rizvi - Metallurgical Engineering	Engr. Sindhia Abbasi - Petroleum Engineering
Engr. Ayesha Khan - Telecommunication Engineering	Engr. Faiza Amber – Urban Engineering
Engr. Syed Shahrukh - Petroleum Engineering	Engr. Iqra Bibi - Software Engineering
Engr. Anjila Nasir Khan - Textile Engineering	

Gold Medalist of National University of Computer & Emerging Sciences - FAST

- Engr. Sumaiyah - BS Electrical Engineering (Batch Spring - 2017)
- Engr. Muhammad Ali BS Electrical Engineering (Batch Spring - 2018)

The Institution of Engineers Pakistan, Karachi Centre and Petroleum Institute of Pakistan jointly organized a Seminar on “Pakistan Oil Refining Challenges & Strategies for Staying Competitive” on 15th February, 2018 in IEP Convention Center,

The Seminar was conducted by: **Mr. Rashid Iqbal**, Technical Specialist –Refining at Bechtel, Over 45 years of experience, Holds 9 patents, authored over 10 papers, presented at major conference Worldwide



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

Engr.Asim Murtaza Khan,CEO, PIP speaking about the Seminar

Mr. Rashid Iqbal conducting the Seminar

A Group photo

INTERNATIONAL CONFERENCE IEEC-2018

3rd INTERNATIONAL ELECTRICAL ENGINEERING CONFERENCE Held on 09th & 10th February, 2018 AT KARACHI

The 3rd International Electrical Engineering Conference (IEEC-2018) jointly organized by the Institution of Engineers Pakistan, Karachi Centre and NED University of Engineering and Technology, Karachi on 09th & 10th February, 2018 at IEP Convention Center, in collaboration with Federation of Engineering Institutions of Islamic Countries (FEIIC), Federation of Engineering Institutions of South & Central Asia (FEISCA), Pakistan Navy Engineering College-NUST, Balochistan University of Information Technology, Engineering & Management Sciences (BUIITEMS), Sir Syed University of Engineering & Technology (SSUET), Bahira University (BU), Dawood University of Engineering & Technology (DUET), Muhammad Ali Jinnah University (MAJU), DHA SUFFA University (DSU), Hamdard University (HU), PAF Karachi Institute of Economics & Technology (PAF-KIET), Usman Institute of Technology (UIT), Institute of Industrial Electronics Engineering (IIEE), IEEE Power & Energy Society, Karachi Chapter (IEEE-PES) and The Institute of Engineering & Technology, Karachi Chapter (IET). The Theme of the Conference was “Aspiring Pathways in Electrical Engineering (ASPIRE-2018)”.



Engr. Sohail Bashir
Chief Organizer
IEEC-2018

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

Engr.Dr.Izhar Ul Haq
President, IEP

Dr.Saad A.Qazi
Convener IEEC-2018

Dr. Fady Shibata Al Najjar
Keynote Speaker



Engr Prof. Dr. Sarosh H.Lodi
Vice-Chancellor
NEDUET

Engr.Mian Sultan Mahmood
Secretary General, IEP

Engr. Jawed Salim Qureshi
Chairman, PEC

Engr..Dr.M.Ali Memon
Co-Convener, IEEC -2018

Engr. Dr.Riazuddin
Chief Organizer,IEEC-18

Engr. Ayaz Mirza
Secretary, IEPKC

The Conference started with recitation of the Holy Quran by Engr. Muhammad Taha. Engr. Jawed Salim Qureshi, Chairman Pakistan Engineering Council was the Chief Guest. Engr. Sohail Bashir, Chief Organizer of the 3rd International Electrical Engineering Conference presented the welcome address and briefed about the Conference. Engr. Prof. Dr. Saad Ahmed Qazi, Dean, Faculty of Electrical & Computer Engineering, NEDUET & Convener, 3rd IEEC-2018 presented his address. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented his address. Engr. Dr. Izharul Haq, President, IEP, Engr. Mian Sultan Mahmood, Secretary General, IEP and Engr. Prof. Dr. Sarosh Hashmat Lodi, Vice-Chancellor, NEDUET also spoke on this occasion. The Key Note presentation was presented by **Dr. Fady Shibata Al Najjar**, United Arab Emirates University & Brain Science Institute, Japan on “**Hybrid Robo-Virtual Avatar Autism Treatment & Evaluation System**” which was highly appreciated. Engr. Prof. Dr. S.F.A.Rafeeqi, Chairman, IEP Karachi Centre, alongwith Engr. Sohail Bashir, Chief Organizer, 3rd IEEC-2018, and Engr. Ayaz Mirza, Secretary, IEP Karachi Centre presented the Conference shield to the Chief Guest. Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks. Engr. Dr. Riaz Uddin, Assistant Professor, Electrical Engineering Department, NEDUET conducted the Inaugural Session.

A Mushaira was also arranged after the inaugural session of 3rd IEEC-2018 followed by Dinner

(For further information please visit our website www.ieepkaachi.org.pk)



Engr. Prof. Dr. S.F.A.Rafeeqi, Chairman, IEP, Karachi Centre presenting the conference mementos to Engr. Jawed Salim Qureshi, Chairman, PEC and Chief Guest of the Inaugural Session, Engr. Inam Ahmed Osmani, Senior Vice Chairman, PEC, **Dr. Fady Shibata Al Najjar**, United Arab Emirates University & Brain Science Institute, Japan, Keynote Speaker, Engr. Dr. Izhar UI Haq, President, IEP. Engr. Prof. Dr. Sarosh Hashmat Lodi, Vice-Chancellor, NEDUET, Engr. Prof. Dr. Saad Ahmed Qazi, Dean, Faculty of Electrical & Computer Engineering, NEDUET & Convener, 3rd IEEC-2018, Engr. Dr. Muhammad Ali Memon, Chairman, Electrical & Computer Engineering, NEDUET & Co-Convener, 3rd IEEC-2018, Engr. Mian Sultan Mahmood, Secretary General, IEP and and Engr. Ayaz Mirza, Secretary, IEP Karachi Centre are also seen in the pictures

CLOSING CEREMONY



Dr. Mirza M.Ali Baig
Program Secretary

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

Dr. Fady Shibata Al Najjar
Keynote Speaker

Engr. Mian Sultan Mahmood,
Secretary General, IEP

Engr. Amer Zia, Head of
Distribution Operations, K-Electric
Limited - Chief Guest of the Closing Session

The Closing Session started with recitation of Holy Quran by Engr. Muhammad Taha. Engr. Amer Zia, Head of Distribution Operations, K-Electric Limited, was the Chief Guest, while Engr. Mian Sultan Mahmood, Secretary General, The Institution of Engineers Pakistan, was the Guest of Honor. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre, Engr. Sohail Bashir, Chief Organizer, presented their addresses. Engr. Prof. Dr. Muhammad Ali Memon, Chairman, Electrical Engineering Department presented the Conference Recommendations. The Key Note presentation was presented by Dr. Fady Shibata Al Najjar, United Arab Emirates University & Brain Science Institute, Japan on “Wearable Robotic Hand for Home Rehabilitation Operated by the Patient Intention, Therapist Instructions and Mobile Games” which was highly appreciated. The Concluding remarks and vote of thanks was presented by Engr. Ayaz Mirza, Secretary, IEP Karachi Centre. IEP Karachi Centre announced the “Chairman IEP Karachi Centre Medal” to the best paper of the Conference. Selection Committee comprising of session chairs decided the best paper of the 3rd IEEC-2018. The best paper award was given to Engr. Muhammad Naveed and Engr. Dr. Sameer Qazi on presenting their paper on Video Stream Transmission over Network on board UAVs for Surveillance Applications.



Dr. M.Ali Memon
Co-Convener, IEEC-18

Dr. Sameer Qazi receiving the
best paper award from
Chairman, IEP, Karachi Centre

Chairman, IEP Karachi Centre
presenting shield to Engr. Amer Zia
Chief Guest of the Closing Ceremony

Chairman, IEP Karachi Centre
presenting shield to Engr. Dr. Saad
A.Qazi, Convener, IEEC-2018

Engr. Dr. Saad A.Qazi, Convener,
IEEC-2018 presenting the shield to
Engr. Abdurrahman Javid Shaikh



TC -22 Workshop on Retrofitting and Strengthening of Existing Structures / Infrastructures 23rd & 24th February, 2018



The Institution of Engineers Pakistan, Karachi Centre and the Department of Earthquake Engineering, NED University of Engineering and Technology organized TC 22 National Workshop on Retrofitting and Strengthening of Existing Structures / Infrastructures, in collaboration with the Asian Civil Engineering Coordinating Council, Japan Society of Civil Engineering, Korean Society of Civil Engineering, Chinese Institute of Civil and Hydraulic Engineering, American Society of Civil Engineering, Institution of Engineers Bangladesh, Nepal Engineers Association, The Institute of Civil Engineers India, Philippine Institute of Civil Engineers, Engineers Australia and MACE on 23rd & 24th February, 2018 at NED University of Engineering & Technology





Recitation of the Holy Quran by Engr. Uzair Yousuf

Conference being conducted by Engr. Prof. Dr. Nasir Uddin Shaikh, Secretary IMEC - 2018

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

Keynote presentation by Engr. Faisal Iqbal Siddiqui, General Manager (Technical), Sindh Engro Coal Mining Company

Engr. Prof. Dr. Sarosh Hashmat Lodi Vice-Chancellor NEDUET



Engr. Dr. Muhammad Tufail Pro-Vice-Chancellor, NEDUET and Convener IMEC - 2018

Engr. Sohail Bashir Chief Organizer 8th IMEC - 2018 Briefing about the Conference

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

Prof. Dr. S.F.A. Rafeeqi Chairman, IEP Karachi Centre Presenting Shield to Engr. Faisal Iqbal Siddiqui Keynote Speaker

Prof. Dr. S.F.A. Rafeeqi Chairman, IEP Karachi Centre Presenting Shield to Engr. Prof. Dr. M. Tufail, Pro Vice Chancellor, NEDUET

The 8th International Mechanical Engineering Conference (IMEC-2018) jointly organized by the Institution of Engineers Pakistan, Karachi Centre and NED University of Engineering and Technology, Karachi, was held on 26th & 27th January, 2018 in collaboration with Federation of Engineering Institutions of Islamic Countries (FEIIC), Federation of Engineering Institutions of South & Central Asia (FEISCA), Balochistan University of Information Technology, Engineering & Management Sciences (BUIITEMS), Dawood University of Engineering & Technology, DHA Suffa University – Karachi, Pakistan Navy Engineering College – NUST Karachi, The theme of the 8th International Mechanical Engineering Conference was **“Emerging Technologies and Industrial Applications”**.

The Conference started with recitation of the Holy Quran by Engr. Uzair Yousuf. Engr. Sohail Bashir, Chief Organizer of the 8th International Mechanical Engineering Conference presented the welcome address and gave brief about the Conference. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented his address. Engr. Dr. Muhammad Tufail, Pro-Vice-Chancellor, NEDUET and Convener, IMEC-2018 also spoke on this occasion. A Key Note presentation on **“The Coal Mining & Power Projects”** was presented by Engr. Faisal Iqbal Siddiqui, General Manager (Technical), Sindh Engro Coal Mining Company, which was highly appreciated. Engr. Sohail Bashir, Chief Organizer, IMEC-2018, and Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the Conference shield to the Chief Guest, Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks. Engr. Prof. Dr. Nasir Uddin Shaikh, Secretary IMEC-2018, Member, Local Council, IEP Karachi Centre conducted the Inaugural Session. The Conference was spread over nine (09) technical sessions in two days at Convention Center and parallel sessions at Dr. S.A. Hasan Hall and Engr. Asfia Aleem Hall. The Inaugural Session came to an end before Maghrib Prayer followed by an entertainment programme “Dastan Goi” (Storytelling), an old tradition of Subcontinent by Dastango a group from NAPA. Dastango is a group who do it professionally. They presented an extract from 'Tilsim Hosh Ruba' a popular Dastan of Sub continent.

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Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre Presenting Shield to Engr. Prof. Dr. Sarosh H. Lodi, Vice Chancellor, NEDUET

Conference Group Photo

Photograph of the participants of 8th International Mechanical Engineering Conference (IMEC - 2018)



International Women's Day 2018

International Women's Day 2018
Seminar on Phenomenal Stress and Management Systems Awareness Session
Theme: Press for Progress on 10th March, 2018



Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP, Karachi Centre Presenting the certificates to the speakers Ms. Ambreen Hameed, Ms. Amna Shaikh and Mr. Ather Ahmed. Engr. Asfia Aleem, Chairperson Women Engineers Committee IEP, Karachi Centre and Engr. Mirza, Secretary are seen in the picture

The Women's Engineers Committee of the Institution of Engineers Pakistan, Karachi Centre organized a **Seminar on Phenomenal Stress and Management Systems Awareness Session** on 10th March, 2018. The theme of the International Women's Day 2018 is " Press for Progress".

The Seminar was conducted by:

Ms. Ambreen Hameeds a certified Stress & Self-Management Consultant with Consultants for Our Future World, U.S.A. LLC.(COFW).

Ms. Aamna Shaikh is a certified Stress & Self-Management Consultant with Consultants for Our Future World, U.S.A. LLC.(COFW)

Mr. Ather Ahmed is a certified Stress & Self-Management Consultant with Consultants for Our Future World, U.S.A. LLC.(COFW).



Engr. Dr. Farrukh Arif,
Co-Convenor, 9th ICE-2017
Conducted the Inaugural
Session



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



Engr. Mian Sultan Mahmood,
Secretary General, IEP during his
address presented a presentation



Keynote address was presented by
Engr. Prof. Dr. Sarosh H. Lodi,
Vice Chancellor, NEDUET and
Convenor, 9th ICEC - 2017



Engr. Dr. Izhar Ul Haq,
President, IEP



Engr. Sohail Bashir
Vice-Chairman (Civil) IEP
Karachi Centre and Chief
Organizer 9th ICEC - 2017



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



A View of Participants



The 52nd IEP Convention alongwith 9th International Civil Engineering Conference on “Striving Towards Resilient Built Environment” was held on 22nd and 23rd December, 2017 in collaboration with The Asian Civil Engineering Coordinating Council, (ACECC), Federation of Engineering Institutions of Islamic Countries (FEIIC), Federation of Engineering Institutions of South & Central Asia (FEISCA), Sir Syed University of Engineering & Technology (SSUET) and Council for Works and Housing Research (CWHR). The 9th International Civil Engineering Conference was a joint venture of the Institution of Engineers Pakistan, Karachi Centre and NED University of Engineering and Technology. Engr. Dr. Izhar ul Haq, President, IEP was the Chief Guest at the Inaugural Session. The Inaugural Session of the Conference was held on 22nd December, 2017 at IEP Convention Center, Karachi. The Conference started from recitation of Holy Quran by Engr. Ali Bin Sohail followed by The National Anthem. Engr. Sohail Bashir, Vice-Chairman (Civil) IEP Karachi Centre and Chief Organizer of 9th ICEC-2017 presented brief introduction of the Conference. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the welcome address.

The keynote address was presented by Engr. Prof. Dr. Sarosh Hashmat Lodi, Vice-Chancellor, NED University of Engineering and Technology and Convenor, 9th ICEC-2017 was appreciated very much by the participants. Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the Conference shield to the Chief Guest. Engr. Ayaz Mirza, Secretary IEP Karachi Centre presented the vote of thanks. Engr. Dr. Farrukh Arif, Co-Convenor, 9th ICEC-2017 conducted the Inaugural Session. The Conference was spread over 09 technical sessions which were held on 23rd December, 2017 and 40 technical papers was presented. Engr. Dr. Farrukh Arif, Co-Convenor 9th ICEC-2017 conducted all the sessions. A closing session was held after the 09th technical session of the Conference. Engr. Dr. Farrukh Arif Co-Convenor, ICEC-2017 presented the Conference Highlights and also Conducted the Closing Session. Engr. Sohail Bashir, Vice-Chairman,(Civil), IEP Karachi Centre & Chief Organizer, 9th ICEC-2017 presented the concluding remarks, Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre presented the closing address. Engr. Dr. Izhar Ul Haq, President, IEP also spoke on the occasion. Engr. Ayaz Mirza, Secretary, IEP Karachi Centre presented the vote of thanks. Engr. Mian Sultan Mahmood, Secretary General, IEP during his address presented a presentation on “Smart Solutions for Ending Pakistan’s Energy Crisis”

- ICONICS'18 – 2nd International Conference on Innovations in Computer Science & Software Engineering to be held on 5 & 6 December, 2018
- First International Conference on Carbon Neutral Built Environment - A Step Towards Sustainable Future to be held on 20 & 21 December, 2018
- First South Asia Conference on Earthquake Engineering to be held on 21 & 22 February, 2019
- 10th International Civil Engineering Conference
- 9th International Mechanical Engineering Conference
- 4th International Electrical Engineering Conference
- 2nd International Environmental Conference
- National Seminar on Earthquake Engineering



Prime Minister of Pakistan Shahid Khaqan Abbasi inaugurated the National Incubation Center at NEDUET, Karachi



Iftar Dinner hosted by Former President, IEP Engr. Syed Jamshed Ali Rizvi



Group photographs of council members IEP, Karachi Centre taken on the occasion of 574th local council meeting held on 28th April, 2018



As a humble gesture to facilitate students of public sector University, IEP Karachi Centre partly funded the two student shuttle vans which were presented to NED University of Engineering & Technology in June, 2018

Engr. Syed Murad Ali Shah, Chief Minister Sindh inaugurated the Shuttle Service sponsored by The Institution of Engineers Pakistan, Karachi Centre, Engr. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre, Dr. Ataur Rehman, Dr. Sarosh H. Lodi, VC, NEDUET, Engr. Sohail Bashir, Vice-Chairman, and Engr. Ayaz Mirza Secretary, IEP Karachi Centre also attended the function at NEDUET on 14th August, 2018



Engr. Beena Riaz
Member LCM

Engr. A. Rahim
Member LCM

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

Engr. Rukhsana Rahooja
Member LCM

Dr. Abdul Azim Akber
Speaker



Engr. Pervez Sadiq
Speaker

Group Photo

Presenting the Shield to Speakers

The Institution of Engineers Pakistan, Karachi Centre arranged a Seminar on “Technological Developments and the Future of Jobs” on 8th September, 2018 in IEP Convention Center.


The following speakers conducted the Seminar

Dr. Abdul Azim Akbar


Consultant in Oil, Gas, Petrochemicals, Energy, Business Management and Project Management. He has vast experience with the UAE’s Abu Dhabi National Oil Company (ADNOC), one of the major oil company in the world. During this time ADNOC has grown from a small oil exporting firm to a diversified conglomerate operating in all sectors of the oil, gas and petrochemicals industries. He had held positions covering all of these areas.

Engr. S. M. Pervez Sadiq




Specialist in Manufacturing, Tooling, Product Designing, Teaching, Mechanical /Industrial Engineering Lighting, Luminaires. He is also teaching Mechanical, Industrial Engineering and Management related subjects. He is Chairman of Industrial Advisory Board, Member Board of Studies and External Examiner (DUET), Member Board of Studies (MUET), Visiting Faculty Member (IoBM), presently he is an Industrial Engineering Consultant.



Congratulations



**The Chairman & Members of the Local Council IEP Karachi Centre
Congratulates President, IEP & Members of IEP, Karachi Centre
On being successful in the Election of Pakistan Engineering Council
for the term 2018-2021**

							
Engr. Dr Izharul Haq As Member Governing Body (Civil & Allied) Punjab	Engr. Syed Jamshed Rizvi As Senior Vice- Chairman	Engr. M. Shafique as Vice- Chairman Sindh	Engr. Ayaz Mirza As Member Governing Body (Mechanical & Allied Sindh	Engr. M. Idris Khan As Member Governing Body (Electrical & Allied) Sindh	Engr. Dr. M. Tufail As Member Governing Body (Mechanical & Allied) Sindh	Engr. M. Farhat Khan As Member Governing Body (Electronics & Allied) Sindh	Engr. S.M. Amir Razvi As Member Governing Body Electronics & Allied) Sindh



The Institution of Engineers Pakistan, Karachi Centre held an impressive ceremony on Monday the 14th August, 2017 to celebrate 70th Independence Day of Pakistan. The flag hoisting ceremony began with recitation from the Holy Quran by Chairman, IEP Karachi Centre Engr. Prof. Dr. S.F.A. Rafeeqi and he also hoisted the National Flag, alongwith Secretary and other eminent engineers, the National Anthem was also played. The Chairman congratulated the Engineers and Engineering community and said "Today when we are celebrating the 71st Independence Day we should cherish, and realize its importance and should be proud to be a citizens of an independent country." We hope that we will fulfill the promise of a better future for the forthcoming generations. A large number of Council Members and senior members along with their families attended the ceremony particularly. Engr. Ayaz Mirza, Secretary, IEP Karachi Centre thanked the participants, the event came to an end followed by Breakfast.

Discussing related matter with technical staff on F & M Laboratory

Engr. Prof. Dr. S.F.A. Rafeeqi Pro Vice Chancellor NEDUET & Chairman, IEP, Karachi Centre Inaugurating the F & M Laboratory, Korangi, Karachi.

303rd Central Council Meeting Held at IEP, Karachi Centre

President, IEP, Dr. Izhar-ul-Haq presenting the fellow membership certificate to Engr. Neelofar Hameed Khan

Engr. Dr. Ikram-ul-Haq Siddiqi an accomplished Professional Engineer and a Renowned Poet



Engr. Dr. Ikram ul Haq Siddiqi passed away on 12th August, 2018 leaving behind several mourners. Born on 3rd July, 1936 in Kairana, India, Engr. Dr. Ikram ul Haq Siddiqi acquired Civil Engineering Degree from University of Engineering and Technology, Lahore, Pakistan in 1957. His passion for higher education led him to receive his Ph.D in

Construction Engineering and Administration at a ripe age of almost sixty seven. After acquiring professional degree in 1957 there was no turning back and he kept on pursuing his remarkable career earning distinctions in almost all the areas he worked in before embarking on establishing his own firm by the name of Muslim Constructors and Traders in 1985. He remained actively involved in uplifting of the profession by serving National and International learning Societies, Institutions and regulatory bodies, in various capacities ranging from member to the level of President. His professional career undoubtedly remained exceptional and he would be remembered by the fraternity as an accomplished professional. Apart from his professional endeavours he was regarded as a seasoned senior Urdu poet and wrote several poems, ghazals etc under the name of "SHAUQ". He remained associated with several Urdu literacy Societies until his last breath. Having served Institution of Engineers Pakistan in various positions he remained as a house hold name among the fellow members. His long life contribution to IEP cannot be summed up in a note of obituary as of this. May Allah SWT rest him in peace in the VIP Lounge of Alam-e-Barzakh for onwards journey to Jannah.

Obituary

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

Wife of Engr. Dr. Nazimuddin Qureshi
Father of Dr. Farrukh Arif,
Engr. Abdul Qadri
Engr. Khursheed Pervaiz,
Engr. Kausar Abbotabadwala,
Engr. Maqsood A. Mian,
Engr. Junaid Shahzad,
Nephew of Engr. Tariq Haque
Engr. M. Sameeh Shafi

Engr. H.M. Sohail,
Brother of Engr. Aftab Ahmed Farooqi,
Brother of Engr. M. Idris Khan,
Wife of Engr. Khalid Rashid Quraishi
Mother of Engr. Salman Mobeen,
Mother of Engr. Farooq Arbi,
Wife of Engr. M.A. Ansari
Dr. A. Farooqi,



Training Programme on The Art of Influence

The Institution of Engineers Pakistan Karachi Centre through its Future Leaders Forum organized a Training Programme on “The Art of Influence” conducted by Engr. Nabil Kaloo on Saturday the 28th July, 2018 at Convention Center



Training Programme on Image Management

The Institution of Engineers Pakistan, Karachi Centre through its Future Leaders Forum organized a Training Programme on “Image Management” conducted by Ms. Kanwal Akhtar: Senior Consultant and Learning Facilitator on Saturday the 12th August, 2018 at IEP Council Hall.



Training Programm on Emotional Intelligence

The Institution of Engineers Pakistan, Karachi Centre arranged a Training Programm on “Emotional Intelligence” conducted by Ms. Azra Maqsood on 18th August, 2018 at IEP Council Hall.

Inauguration of IEP Karachi Centre Future Leaders Forum



IEP Karachi Centre took a lead in recognising the potential of young engineers by forming a Future Leaders Forum (FLF). Engr. Mian Sultan Mahmood, Secretary General IEP inaugurated the IEP Karachi Centre, Future Leaders Forum (FLF) on the occasion of Engineers Day Celebrations which was held on 6th May, 2018 at NEDUET Auditorium, Karachi. FLF would be a knowledge sharing, self-grooming and collaborative impact making forum to help young engineers explore, polish and utilize their potential to solve problems and to help them develop all the leadership skills to climb the leadership pyramid with more ease and grace. The vision of FLF is to provide leadership skills to engineering graduates and prepare them for a promising global career and playing an inspiring role for the future generation.

FLF strives to develop leadership and capacity building programmes to transform engineers of today into leaders of tomorrow. FLF is to build a community of young, talented and skillful engineering leaders to solve local, national and international problems and to contribute in making a better tomorrow.

FLF shall comprise of Engineers from all backgrounds, disciplines and regions, divided into core body, general body and members. Representation from all engineering universities and organizations will be made possible through FLF ambassador initiative and the FLF team shall consist of fresh graduates to mid managerial level engineers. The vital role played by Engr. Sohail Bashir shall always be remembered in this regards.

The Institution of Engineers Pakistan, Karachi Centre arranged a Seminar on How to Achieve Excellence in Life on 22nd September, 2018 in IEP Convention Center, Mr. Nusrat Ali conducted the Seminar.



Engr. Jilani Yousuf
Vice-Chairman (Mech.)
IEP Karachi Centre
Conducting the Seminar



Engr. Prof. Dr. S.F.A. Rafeeqi
IEP Karachi Centre Presenting
Welcome Address



Mr. Syed Nusrat Ali
Conducting the Seminar
"How to Achieve
Excellence in Life"



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 memento and Certificate to Guest Speaker Mr. Syed Nusrat Ali, Engr. Ayaz Mirza, Secretary, IEP, Karachi Centre and Engr. Neelofar Hameed Khan, Member Central Council, IEP also seen in pictures



(L/R) Engr. Neelofar Hameed Khan, Member Central Council, IEP, Engr. Jilani Yousuf, Vice-Chairman (Mech.) IEP Karachi Centre, Engr. Tafseer Ahmed Khan Member Central Council and Engr. Prof. Dr. S.F.A. Rafeeqi, Chairman, IEP Karachi Centre

NOMINEES OF IEP BAGS TWO INTERNATIONAL AWARDS



Engr. Sohail Bashir, Vice-Chairman, IEP, Karachi Centre and Engr. Ghulam Farooq Maniar, Council Member, IEP, Karachi Centre attended the 35th Executive Meeting of ACECC held on 8-10 October, 2018 at Melbourne, Australia



Awaran Project



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

IEP Delegation led by Engr. Sohail Bashir, Vice –Chairman, IEP, Karachi Centre & Member Executive Committee, ACECC attended the 35th Executive Committee Meeting of Asia Civil Engineering Coordinating Council (ACECC) on 8-10 October, 2018 at Melbourne, Australia. In this meeting "The Asian Civil Engineering Coordinating Council" (ACECC) announced the awards for outstanding projects and individual achievements award in Asia. This competition was carried out among 13 member countries of ACECC which includes ASCE-USA, Engineers-Australia, JSCE-Japan, KSCE-Korea, CICHE-Taiwan, PICE-Philippines, HAKI-Indonesia, IEC-India, IEB-Bangladesh, IEP-Pakistan, NEA-Nepal, UFCEA-Vietnam and MACE-Mongalia. Each ACECC member nominated one project and one individual for the competition in the categories of project and individual Achievement. The IEP nominees were declared winner among the middle income group of ACECC Countries. The IEP Project Award winner is the Housing Reconstruction Awaran Project and the Individual Achievement Award winner is Engr. Prof. Dr. S.F.A. Rafeeqi Ex-Pro Vice Chancellor of NED University of Engineering & Technology, Karachi, who is presently the Chairman, Institution of Engineers Pakistan, Karachi Centre. The awards will be conferred during CECAR (Civil Engineering Conference in the Asian Region) on April 16-19, 2019 at Tokyo, Japan. This news is a source of great pleasure and inspiration for Institution of Engineers Pakistan & NED University of Engineering & Technology, Karachi.

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Chairman

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

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