

ABOUT KARACHI

Karachi is a bustling metropolis of over 20 million people, located on the southern coastline of Sindh province next to the Arabian Sea. It is the industrial and commercial hub of Pakistan with several industrial zones, an international airport, two seaports and tall and road linkages to the rest of the country. With several renowned universities located in the City, Karachi is a center for education and learning in South Asia and the Muslim world.

CONFERENCE VENUE

IEP Convention Center

The Institution of Engineers Pakistan, Karachi Centre, 9th Floor, IEP Building, Shahrah-e-Faisal, Opposite Hotel Regent Plaza, Karachi - Pakistan

CONTACTS

For further details, kindly follow conference links and emails below:

ieec@ned.edu.pk

Web links: <http://ieec.neduet.edu.pk>

<http://iepkkarachi.org.pk/ieec.html>

The Institution of Engineers Pakistan

Headquarters Office, IEP Building, Ground Floor
Liberty Roundabout, Gulberg II, Lahore - Pakistan.
Phone: +92-42-35754643, 35758974, Fax: +92-42-35759449
Email: iepp@p@gmail.com Website: www.iep.org.pk

The Institution of Engineers Pakistan Karachi Centre

4th Floor, IEP Building, 17712, Liaquat Saranaka,
Shahrah-e-Faisal, Opp. Hotel Regent Plaza, Karachi-75300 - Pakistan
Telephone: +92-21-32780235, 32781492
E-mail: main@iepkarachi.org.pk, info.iepk@gmail.com
Website: www.iepkarachi.org.pk

FEISCA MEMBERS



The Institution of Engineers Bangladesh (IEB)



The Institution of Engineers India (IEI)



The Institution of Engineers Pakistan (IEP)



The Institution of Engineers Sri Lanka (IESL)



Nepal Engineers Association (NEA)

FEIC MEMBERS



TECHNICAL COMMITTEE

Eng. Prof. Dr. Saad Ahmad Qazi
Eng. Prof. Dr. Muhammad Ali Waseem
Eng. Prof. Dr. S. Javed A. Shah
Eng. Dr. NHC. Shaukatullah
Eng. Dr. Imran Akbar
Eng. Dr. M. Anwar
Eng. Dr. Ghous Bahjat Khan
Eng. Dr. Saifur Rahman Farooq
Eng. Dr. Basim Raza Khan
Eng. Dr. Muhammad Ali Khalil
Eng. Dr. Muhammad Usman
Eng. Dr. M. Adil Farhan
Eng. Dr. Javed Sheikh
Eng. Dr. Syed Mubashir
Eng. Dr. Rizwan
Eng. Dr. Muhammad Ali Iqbal
Eng. Dr. Imtiaz Sabana
Eng. Dr. M. Akbar Anwar Javed Sheikh
Eng. Dr. Babar Latif Khan
Eng. Dr. Saad Sabana
Eng. Dr. Ghous Bahjat Khan
Eng. Dr. Bilal Qazi

Department of Electrical Engineering, NEDUET
Department of Electrical Engineering, NEDUET
Department of Electrical Engg., NEDUET
Department of Computer and Information Systems Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Computer and Information Systems Engg., NEDUET
Department of Computer and Information Systems Engg., NEDUET
Department of Computer and Information Systems Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
Department of Electronic Engg., NEDUET
MAUII Karachi,
PAU SBT

MANAGING COMMITTEE

Eng. Dr. Umar al Haq
Eng. Saad Jambhalji Ali Poonji
Eng. Mian Saifan Mahmood
Eng. Abdul Rauf
Eng. Dr. Muzaffar Mahmood
IEP
Eng. Farhat Aali
Eng. Capt. (Retd.) Sarfaraz Inayatullah, PN
Eng. Dr. M. Adnan Shaukht
Eng. Hafiz M. Ehsan ul Haq Qazi
Eng. Col. (Retd.) Mansoor Khan Khattak
Eng. Qazi Anwarul Haq
Eng. Prof. Dr. Babar Mubashir Khan
Eng. Khalid Rashid
Eng. Saad Raghbir Abbas Shah
Eng. Akhtar Ali Chaudhry
Eng. Asimuddin Samad, NEDUET
Eng. Saadia Zahar, NEDUET
Eng. S. H. Zahid, NEDUET
Eng. Abdulrahman Muneer, NEDUET
Eng. Shariq Shaikh, NEDUET
Eng. Usbat Nazam, NEDUET
Eng. Wassim Saqib, NEDUET
Eng. Gussar A. Mirwani, IEP
Eng. Abdul Aziz Buratto, IEP
Eng. Muzaffar A. Mirwani, IEP
Eng. Idris Malik, IEP
Eng. M. Karim Shaukht, IEP
Eng. Saadia Munira Faiz, IEP

President - IEP
Past President - IEP
Secretary General - IEP
Vice President (Electrical & Allied) - IEP
Vice President (Mechanical & Allied)

Vice President (Civil & Allied), IEP
Vice President - Marine & Allied - IEP
Chairman - IEP Lahore Centre
Chairman - IEP Islamabad Centre
Chairman - IEP Multan Centre
Chairman - IEP Faisalabad Centre
Chairman - IEP Hyderabad Centre
Chairman - IEP Gujranwala Centre
Eng. Hafeez Muhammad Kargan, NEDUET
Eng. M. Farooq Siddiqui, NEDUET
Eng. Talha Javed Sojani, NEDUET
Eng. Hiba Kamal Zuberi, NEDUET
Eng. Hamid Salim, NEDUET
Eng. Abdul Sattar, IEP
Eng. Dr. Bilal A. Ali, IEP
Eng. Adnan Zahoor, IEP
Eng. Afshar Ahmed, IEP
Eng. M. Amroz Ali, IEP
Eng. Taher A. Khan, IEP



9th & 10th
February 2018
Karachi, Pakistan

IEEC
2018

3rd International
Electrical Engineering
Conference

Aspiring Pathways in Electrical Engineering (ASPIRE-2018)

Jointly Organized by

The Institution of Engineers Pakistan
Karachi Centre



NED University of Engineering & Technology
Karachi



in collaboration with



Pakistan Navy
Engineering College - NWET



Sir Syed University of
Engineering & Technology



Dinnord University of
Engineering & Technology Karachi



DHA Staff
University, Karachi



IAF Karachi Institute of
Research & Technology



IEEE Power & Energy Society
Karachi Chapter



Federation of Engineering
Institutions of Islamic
Countries (FEIC)



Bahadur University of
Information Technology & Management
Sciences (BUIITMS), Quetta



Bahria University



Muhammad Ali Jinnah
University



Howard University



Human Institute of Technology



Institute of Industrial
Electronics Engineers



The Institution of Engineering
& Technology (IET)



International Electrical Engineering Conference (IEEC) is now a regular feature in the calendar of events of Institution of Engineers Pakistan and its organizing partner MED University of Engineering & Technology, Karachi. Two International Electrical Engineering Conferences have been organized in the past. Every year, IEEC is held under innovative themes related to contemporary advancements and challenges in Electrical Engineering.

2nd IEEC-2017 was held on May 19 & 20, 2017 at IEP Karachi. The Conference was organized in collaboration with Federation of Engineering Institutions of South & Central Asia (FISCA), Federation of Engineering Institutions of Islamic Countries (FEIC), Bahria University (BU), Baluchistan University of Information Technology, Engineering & Management Sciences (BUITEMS), Hamdard University (HU), Indus University (IU), Pakistan Navy Engineering College-NUST, Uman Institute of Technology (UIT), Sir Syed University of Engineering & Technology (SSUET), IEEE Power & Energy Society, Karachi Chapter (IEEE PES), The Institution of Electrical & Electronics Engineers Pakistan - Karachi Chapter (IEEPE), The Institution of Engineering & Technology, Karachi Chapter (IET). Theme of the Conference was "Innovation and Advances in Electrical Engineering". 35 papers were presented including those from United Kingdom, Malaysia, United States, Sweden, Qatar. The conference was attended by a number of delegates both from academia and industry that provided a great opportunity for the stakeholders to meet and discuss various challenges and advancements in Electrical Engineering.

This year the 3rd International Electrical Engineering Conference (IEEC - 2018) will be held on 9th & 10th February, 2018 under the theme "Skipping Pathways in Electrical Engineering". (IASPRE-2018) will serve as an ideal platform in providing stimulus to research and in addressing the challenges faced by technology.

CONFERENCE TRACKS

- Electrical Power Systems and Policies
- Renewable Energy Technology
- Control Robotics and Automation
- Signal Image and Speech Processing
- Information and Communication Technologies
- Computer Systems and Networks.
- IoT Big Data and Artificial Intelligence
- Electronics and Applications
- Embedded Systems

ORGANIZING COMMITTEE

Engr. Prof. Dr. S.F.A. Rafeeq Chairman, IEP Karachi Centre	Engr. Prof. Dr. Sarosh Hashnuri Lodi Vice-Chancellor, NEDUET
Rear Admiral (Retd.) Engr. Prof. Dr. Sarfaraz Hussain, (IOM, SI (M)) Vice-Chancellor, OHA, Saffa University	Engr. Prof. Dr. Faizullah Abbasi Vice-Chancellor, DUET
Engr. Ahmed Farooq Batai Vice-Chancellor, BUITEMS	Engr. Prof. Dr. M. Akmal Haque Vice-Chancellor, SSUET
Rear Admiral Imran Ahmed SEM Commandant, PNEC	Engr. Prof. Dr. Saad A. Qazi, Dean, Faculty of Electronics, Computer Engineering, MAUIET & Commerce IEC, 2018
Prof. Dr. Syed Shabb-ul-Hameed Vice-Chancellor, Hamdard University	Dr. Zahir Ali Syed Director, IUT
Dr. Zubair A. Shaikh President, MAUI	Engr. Dr. Farah Haroon In-charge Academics IEE
Prof. Dr. Haroon Rasheed HOD, Electrical Engg., Deptt. Bahria University	Prof. Dr. Muzaffar Mahmood Dean Academics, PAF-RET
Engr. Sahul Bashir Chief Organizer (IEEC-2018) & Vice-Chairman (Civil), IEP, Karachi Centre	Prof. Dr. Muhammad Ali Memon Chairman, Department of Electrical Engineering, NEDUET, Co-Convenor (IEEC-2018) & Chairman, IEEE-PES, Karachi Chapter
Engr. Ayaz Mirza Secretary, IEP, Karachi Centre	Engr. Dr. Riaz Uddin Deputy Chief Organizer, IEEC 2018 & Member Local Council, IEP, Karachi Centre
Engr. M. Idris Khan Vice-Chairman (Electrical), IEP, Karachi Centre	Dr. Muhammad Ali Ismail Chairman, IET, Karachi Chapter
Engr. Abdurrahman Javid Shaikh Program Secretary-I, NEDUET	Engr. Dr. Mirza Muhammad Ali Baig Program Secretary-II, NEDUET



THE INSTITUTION OF ENGINEERS PAKISTAN

The Institution of Engineers Pakistan (IEP) was established in 1948. It is the premier national body of engineers working for the advancement of engineering profession. It has headquarters at Lahore and centers in all major cities of Pakistan as well as in Riyadh and Jeddah, Saudi Arabia, Tri States (New Jersey, New York and Connecticut) & Bahrain. IEP has signed technical collaboration agreements with more than forty professional Engineering Organizations across the globe. IEP is also the member of six international / regional engineering bodies and has the honor to represent Pakistan at these forums. IEP Karachi Centre is the biggest center of IEP.

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

NED University is one of the oldest engineering institutions of Pakistan currently offering Bachelors, Masters and Doctoral degree programs. The programs are aimed at preparing students to shoulder their professional responsibilities and enable them to contribute in research and development in related fields. Various seminars and conferences are held every year which not only provide practical exposure to students but also a platform for academia-industry collaboration.

DEADLINES

Paper Submission	20th January, 2018
Full Paper Acceptance Announcement	25th January, 2018
Camera Ready Paper Submission	1st February, 2018

REGISTRATION FEE

Authors /Presenters/Foreign Delegates	GSMH
Early Bird IEP Non Members (Before 1st February, 2018)	PKR 3000 or USD 30
Late Registration IEP Non Members (After 1st February, 2018)	PKR 5000 or USD 50
IEP Members	PKR 2000 or USD 20
Students	PKR 1500 or USD 15
IEP Student Members	PKR 1000 or USD 10

Participants will get conference proceeding on DVD.

INSTRUCTIONS FOR AUTHORS

Manuscript template is available at the conference website. Authors are supposed to submit full paper, before the submission deadline. Papers will be submitted through easy chair website. <http://search.proceedings.com/conferences/2018-ieee2018/> where the authors will create their account and follow the instructions for submissions. For more details, please contact at: ieec@neduet.edu.pk Web link: <http://ieec.neduet.edu.pk>, <http://ieepakistan.org.pk/ieec.html>

RECOGNIZED CPD ACTIVITY

PEC will award credit points (CPD) to participating engineers as per these defined criteria.

GLIMPSES OF 2nd INTERNATIONAL ELECTRICAL ENGINEERING CONFERENCE

