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- The Institution of Engineers Pakistan (IEP)
- The Institution of Engineers Sri Lanka (IESL)
- Nepal Engineers Association (NEA)



21 & 22
FEBRUARY, 2020
KARACHI, PAKISTAN

5th International Electrical Engineering Conference (IEEC-2020)

Jointly Organized by

The Institution of Engineers Pakistan
Karachi Centre
&
NED University of Engineering & Technology
Karachi

in collaboration with

FEISCA
Federation of Engineering Institutions of South & Central Asia (FEISCA)

FEIIC
Federation of Engineering Institutions of Islamic Countries (FEIIC)

- Balochistan University of Information Technology Engineering & Management Sciences (BUIITEMS), Quetta
- Balochistan University of Engineering & Technology Khuzdar
- Bahria University
- Dawood University of Engineering & Technology, Karachi
- DHA Suffa University, Karachi
- National University of Computer and Emerging Sciences
- National Centre of Robotics & Automation
- IEEE Power & Energy Society (Karachi Chapter)

- Hamdard University
- Iqra University
- Institute of Industrial Electronics Engineers
- PAF Karachi Institute of Economics & Technology
- Muhammad Ali Jinnah University
- Mehran University of Engineering and Technology Jamshoro
- Pakistan Navy Engineering College - NUST
- Sir Syed University of Engineering & Technology
- Quaid-e-Awam University of Engineering Science & Technology
- Usman Institute of Technology
- The Institution of Engineering & Technology (Karachi Chapter)

ASPIRING PATHWAYS
IN ELECTRICAL ENGINEERING

aspire
2020



INTERNATIONAL ELECTRICAL ENGINEERING CONFERENCE (IEEC-2020)

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

4th IECC-2019 was held on January 25 & 26, 2019 at IEP Karachi Centre. The conference was organized in collaboration with FEISCA, FEIIC, BUITEMS, BUET-Kuzdar, Bahria University, DUET, DHA Suffa University, National University of Computer and Emerging Sciences, Hamdard University, Iqra University, IIEE, PAF-KIET, MAJU, PNEC-NUST, SSUET, UIT, IET, IEEE, Karachi Chapter. Theme of the Conference was Aspiring Pathways in Electrical Engineering (ASPIRE-2019). 34 papers were presented. The conference was attended by a number of delegates both from academia and industry that provided a great opportunity for stakeholders to meet and discuss various challenges and advancements in Electrical Engineering considering the Advancement in Electrical Engineering IEP and its organizing partner NED University is going to organize 5th International Electrical Engineering Conference (IEEC-2020) on 21st & 22nd February, 2020 again under the theme: Aspiring Pathways in Electrical Engineering (ASPIRE-2020)

THE INSTITUTION OF ENGINEERS PAKISTAN (IEP)

IEP was established in 1948 as a premier national body working for the advancement of the engineering profession. Besides having biggest center at Karachi and headquarter in Lahore, IEP centers are in all major cities of Pakistan as well in Riyadh Saudi Arabia, New Jersey, New York and Connecticut in USA & 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. The IEP Karachi Centre successfully organized the 1st, 2nd, 3rd & 4th International Electrical Engineering Conferences, jointly with NED University in the years 2016, 2017, 2018 & 2019 respectively. The events received tremendous response from international and local researchers and participants. The benchmarking event emerged as platform for professional and academia collaboration.

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.

CONFERENCE TRACKS

The conference covers all areas of Electrical Engineering, including but not limited to the following:

- ★ Electrical Power Systems and Policies
- ★ Renewable Energy Technology
- ★ Bioinformatics, Bio-robotics and Biomedical Instrumentation
- ★ Controls, Robotics, and Automation
- ★ Signal, Speech and Image Processing
- ★ IoT, Big Data and Artificial Intelligence
- ★ Embedded Systems
- ★ Electronics and Applications
- ★ Information and Communication Technologies
- ★ Computer Systems and Networks

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 rail 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. The city is an ongoing bonanza of shopping surprises that dazzles with enchanting sights and sounds of amazing bargains. Most hotels, restaurants and many shops accept international credit cards. Pakistan standard time is Greenwich Time (GMT) + 5 hours. The electrical supply is 220-240 volts A.C.

CONFERENCE VENUE

1st Day Friday 21st February, 2020
Inaugural Session at Auditorium, NEDUET
2nd Day Saturday 22nd February, 2020
Technical Session at IEP, Convention Centre

FEIIC MEMBERS



CONTACT US

For further details, kindly follow conference links below:
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IMPORTANT DATES

Full Paper Submission	31st January, 2020
Full Paper Acceptance	10th February, 2020
Camera Ready Paper	15th February, 2020

REGISTRATION

Registration can be made on the prescribed forms available on the conference website. The filled forms should be emailed at ieec@ieepkarachi.org.pk. Payments for registration should be made through Pay Order / Cross Cheque in favour of "Institution of Engineers Pakistan, Karachi Centre" and sent through mail to the IEP Karachi Centre Postal Address.

REGISTRATION FEE

Author / Presenter	Gratis
IEP Members	PKR 2000 or USD 20
Non Members	PKR 3000 or USD 30
Students	PKR 1500 or USD 15
IEP Student Members	PKR 1000 or USD 10

All accepted and presented papers will be published in IECC proceedings. All participants will get conference proceedings on DVD or they may purchase a hard copy of the same for PKR 1000 or USD 10.

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, where the authors will create their account and follow the instructions for submissions. For more details, please contact at: ieec@neduet.edu.pk. Web links: <https://easychair.org/conferences/?conf=ieec2020>
<http://ieec.neduet.edu.pk>
<http://ieepkarachi.org.pk/ieec.html>

CPD

PEC will award 1 credit point to participating engineers as per their defined criteria.

Best Paper Award

Chairman IEP Gold Medal will also be awarded to the best paper selected by expert committee.

GLIMPSES OF 4th IECC-2019

