

IEEC 2018 Program Schedule	
Day 1- Friday 9th February, 2018	
Time	Convention Centre
03:25- 04:10 pm	Registration
4:15 pm	Recitation form the Holy Quran
4:20 pm	National Anthem
4:25 pm	Conference Briefing by Engr. Sohail Bashir, FIF (Pak) Vice-Chairman, IEP, Karachi Centre & Chaif Organizer 3rd- IEEC-2018
4:30 pm	Address by Engr. Prof. Dr. Saad A. Qazi, Dean Faculty of Electrical & Computer Engineering, NEDUET & Convener IEEC-2018
4:35 pm	Welcome Address by Engr. Prof. Dr. S.F.A Rafeeqi, FIE(Pak) Chairman, IEP karachi Centre
4:40 pm	Address bhy Engr. Dr. Izhar ul Haq, President, IEP
4:45 pm	Asar Prayer
5:00 pm	Key Note Address by Dr. Fady Shibata Al Najjar, United Arab Emirates University & Brain Science Institute, Japan on " <i>Hybrid Robot-Virtual Avatar Autism Treatment &amp; Evaluation Systems</i> "
5:50 pm	Address by Engr. Main Sultan mahmood, FIE (Pak) Secretary General, IEP
5:55 pm	Address by Dr. Sarosh Hashmat Lodi, FIE (Pak) Vice - Chancellor, NEDUET
6:00 pm	Address by Guest of Honor
6:05 pm	Address by Chief Guest
6:10 pm	Presentation of Conference Memento
6:15 PM	vote of Thanks by Engr. Ayaz Mirza, FIE (Pak) Secretary, IEP Karachi Centre
6:20 pm	Conference photo with Chief Guest
6:25 pm	Maghrib Prayer
6:30 pm	Mushaira
7:40 pm	Isha Prayer
7:55 pm	Conference Dinner

<b>IEEC-2018 (Day II)</b>		
<b>PROGRAM SCHEDULE FOR ORAL SESSIONS</b>		
<b>Technical Session-I (Electrical Power Systems I)</b>		
Convention Center		
<b>Session Chairs:</b> Dr. Muhammad Ali Memon (NED), Prof. Dr. Talat Altaf (SSUET), Engr. Gulzar Memon (IEP)		
Time:	Paper ID:	Title and Presenters
09:30-10:00	Invited Talk	<i>Need for Arc Flash Analysis for Low Voltage Distribution System</i> by Dr. Muhammad Mohsin Aman, Associate Professor, Department of Electrical Engineering and Technology, NEDUET, Karachi
10:05-10:30	IEEC-2018-10	<i>Impact of reconfiguration and demand response program considering Electrical vehicles in smart distribution network</i> by Beenish Sultana and M.W. Mustafa
10:35-11:00	IEEC-2018-27	<i>Low Cost GSM based Smart Energy Meter Design: Capable of Demand Side Management and Data Logging</i> by Rana Asad Ali, Mudassir Hussain and Tahir Mahmood
11:00-11:10	Certificate Distribution	
<b>Technical Session-II (Renewables and Energy Conservation)</b>		
Convention Center		
<b>Session Chairs:</b> Engr. Dr. Hashim Raza (NED), Engr. Dr. Muhammad Faisal Khan (Hamdard), Engr. Abdur Rauf (IEP)		
Time:	Paper ID:	Paper Details
11:30-12:00	Keynote	<i>Boosting Economy through R&amp;D in software Industry: Healthcare Software Systems,</i> Dr. Shafaat Ahmed Bazaz, Dean Academia CASE
12:05-12:30	IEEC2018-26	<i>Energy Saving by Double Electrochromic Glazing- A Case Study for Central Library MUET, Jamshoro, Pakistan</i> by Oshaque Ali , Pervez H. Shaikh, Mazhar Uddin, and Zeeshan Anjum Memon
12:35-13:00	IEEC2018-42	<i>Increasing the Efficiency of Transformer for High Efficiency Isolated Boost Converter Design</i> by Muhammed Sohaib Anwer, Afia Khan, Danish Waheed, Syed Waqas Hussain, Muhammad Bazal Siddiqui, Amin-ul-Haq
13:00-13:10	Certificate Distribution	
<b>Technical Session-III (Information and Communication Technology-I)</b>		
Hall # 1		
<b>Session Chairs:</b> Engr. Dr. Imran Aslam (NED), Engr. Dr. Abdul Qadir (UIT), Engr. Dr. Sameer Qazi (PAF-KIET)		
Time:	Paper ID:	Paper Details
11:30-12:00	Keynote	What Infrastructure-free 5G will look like? by Dr. Faraz Hasan, Senior Lecturer Massey University, New Zealand
12:05-12:30	IEEC2018-13	<i>RADIO RESOURCE MANAGEMENT ISSUES IN 5G NETWORKS – A REVIEW</i> by Naureen Farhan and Bushra Aijaz
12:35-13:00	IEEC2018-09	<i>Software Defined Radio Waveforms implementation on GNU Radio</i> by Atif Javed, Abdul Samad, Faisal Saleem and Wajid Gulistan
13:00-13:10	Certificate Distribution	
<b>Technical Session-IV (Information and Communication Technology-II)</b>		
Hall # 2		
<b>Session Chairs:</b> Engr. Dr. Farah Haroon (IIEE), Engr. Dr. Sadia Muniza Faraz (IEP/NED) and Engr. Dr. Arshad Aziz (PNEC-NUST)		
Time:	Paper ID:	Paper Details
11:30-12:00	Keynote	<i>Rethink Product Development</i> by Owais Zahid Autodesk, Inc.

12:05-12:30	IEEC2018-11	<i>Design and Analysis of UWB-MIMO Antenna with Enhanced Isolation</i> by Muhammad Abid Ur Rehman, Sajid Ali, Amjad Iqbal and Muhammad Hameed Khan
12:35-13:00	IEEC2018-16	<i>Video Stream Transmission over Network on board UAVs for Surveillance Applications</i> by Muhammad Naveed and Sameer Qazi
13:00-13:10	Certificate Distribution	
<b>Technical Session-V (Electrical Power Systems II)</b>		
<b>Hall # 3</b>		
<b>Session Chairs:</b> Engr. Dr. Riazuddin (IEP/NED), Engr. Dr. Muhammad Mohsin Aman (NED), Engr. Idrees Khan (IEP)		
Time:	Paper ID:	Paper Details
11:30-12:00	Invited Talk	<i>Entrepreneurship in Electrical Engineering</i> by Mr. Danish Zahoor, BARQTRON
12:05-12:30	IEEC2018-32	<i>Short Circuit and Overload Current Sensing for Power Converters Using Indirect Current Sensing</i> by Atif Mehmood, Sajid Hussain, Faizan ur Rehman
12:35-13:00	IEEC2018-18	<i>Prospects and implementation of solar energy potential in Pakistan: Based on hybrid grid station employing incremental conductance technique</i> by Muhammad Hamza Latif, Ayesha Aslam, and Tahir Mahmood
13:00-13:10	Certificate Distribution	
<b>Technical Session-VI (Industrial Considerations and Applications )</b>		
<b>Convention Center</b>		
<b>Session Chairs:</b> Engr. Dr. Fady Alhajjar (UAEU), Engr. Dr. Vali Uddin (Hamdard), Engr. Dr. Haroon Rasheed (BAHRIA)		
Time:	Paper ID:	Paper Details
14:00-14:30	Invited Talk	<i>Implementing Safety in Electrical Utility</i> by Mansoor Akram, Head of Department, HSE for Generation & Transmission, K-Electric.
14:35-15:00	IEEC2018-33	<i>Design and Analysis of Anti-Lock Braking System</i> by Mansaf Ali Abro, Shoaib Shaikh, Ali Asghar, Syed Nadeem Mian
15:05-15:30	IEEC2018-41	<i>A Validity of Transparency Optimized 4-Channel Architecture in Bilateral Teleoperation</i> by Muhammad Hammad Saleem and Riaz Uddin
15:30-15:40	Certificate Distribution	
<b>Technical Session-VII (A.I. and Computer Systems)</b>		
<b>Hall # 1</b>		
<b>Session Chairs:</b> Engr. Dr. Muhammad Khurram (NED), Engr. Dr. Imtiaz Hussain (DSU), Engr. Syed Sarfraz Ali (SSUET/IEP)		
Time:	Paper ID:	Paper Details
14:00-14:30	Invited Talk	<i>Artificial Intelligence and its impact on the craft of Engineering</i> by Dr. Zeeshan Zia Senior Scientist, Microsoft Corporation, USA
14:35-15:00	IEEC2018-15	<i>An Overview of Lexicon-Based Approach For Sentiment Analysis</i> by Azeema Sadia , Fariha Khan and Fatima Bashir
15:05-15:30	IEEC2018-29	<i>Performance analysis of load balancer and Self Organized web servers using HA-Proxy</i> by Muhammad Shakeeb, Bilal Muhammad Khan
15:30-15:40	Certificate Distribution	

## PROGRAM SCHEDULE FOR POSTER SESSION

### Technical Session-VIII (Poster Presentations)

Time:	Seminar Room 2	Paper ID:	Paper Details	
10:00- 15:00	<b>Session Chairs:</b> Engr. Muhammad Javed, Engr. Uzma Perveen, Engr. Abdullah Munir, Engr. Fezan Rafique, Engr. Iqbal Azeem, Engr. Syed Muhammad Zahid, Engr. Arjumand Samad, Engr. Shahnaz Tabassum, Engr. Muhammad Umer Sajid, Engr. Samiya Zafar, Engr. Anila Abbas, Engr. Shariq Shaikh, Engr. Rashid Hussain, Engr. Nabeel Fayyaz, Engr. Najia Naveed, Engr. Saddam Hussain, Engr. Muhammad Waseem Sangi, Engr. Muhammad, Engr. Ayesha Khan, Engr. Muhammad Furqan, Engr. Uzair Ahmed Khan, Engr. Arshad Khan, Engr. Nimra Riaz Malik,	IEEC2018-07	Spent Fuel Calculation With Image Processing In Rod Bundle Nuclear Reactor Core Maqsood Jan Mohammad, Tahir Qadri and Shakil Ahmed	
		IEEC2018-25	Arc flash mitigation techniques Abeera Khan and Muhammad Mohsin Aman	
		IEEC2018-34	Management of Solar power with Thermal power Generation Unit Using FPGA based Algorithm Shehryar Ahmed , M. Nouman Hashmi, S. Shahzaib Shah , Ramiz Ahmed, S. Sheraz Ul Hasan Mohani S. Safdar Hussain	
		IEEC2018-40	Future of Renewable Energy Technologies In Pakistan: A Policy Recommendation For Energy Storage Systems Syed Atif Naseem , Athar Rashid, Riaz Uddin , Syed Wasif Naseem	
		IEEC2018-38	Tri-Stage Cascaded Data Compression Framework for Smart Distribution Systems Syed Muhammad Atif and Anees	
		IEEC2018-39	DC Motor Controlling and Modeling Through 3-Phase Thyristor based-Inverter Syed Atif Naseem , Athar Rashid, Riaz Uddin , Syed Wasif Naseem	
15:20-15:30		Certificate Distribution		