

ICE(TE)² 2018

March 27th -28th

INTERNATIONAL CONFERENCE ON
EMERGING TRENDS IN
TELECOMMUNICATION AND ELECTRONIC
ENGINEERING ICE (TE)²

NED University of Engineering & Technology,
University Road, Karachi



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About Karachi

Karachi is an ever growing metropolitan city of over 20 million people. It is the most populous city of Pakistan and sixth most populous metropolitan city in the world. It is located on the southern coastline and is the provincial capital of Sindh. The city is Pakistan's premier industrial and financial center. Karachi is also Pakistan's most cosmopolitan city. It accommodates various industry zones, two sea ports, an international airport and a sophisticated network of roads and rail connecting the city to the rest of the country.

In collaboration with



International Conference on Emerging
Trends in Telecommunication and
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Contact Information

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27th - 28th Feb 2018,
NED UNIVERSITY
of Engineering and Technology

About NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

NED University is one of the oldest engineering institutions of Pakistan. Currently, it is offering Bachelors, Masters and Doctorate programmes in various Disciplines in Engineering and Sciences. The University aspires to prepare its students to excel professionally as well as contribute to research and development in their respective fields. Throughout the year, numerous seminars, trainings, conferences and competitions are held to promote the research culture at NED University contributing to socio-economic development.

About Department of Electronic Engineering

The Department of Electronic Engineering was established in 1999 with its first batch comprising of 70 undergraduate students. The department is also administering the Telecommunication Engineering Programme since July 2007. Currently, the Department is offering undergraduate and Post-graduate Program in Electronic and Telecommunication Engineering as well as Doctorate Programme in Electronic Engineering.

About ICE(TE)²:

Department of Electronic Engineering, NED University of Engineering and Technology is going to organize the International Conference on Emerging Trends in Telecommunication and Electronic Engineering on 27th-28th February 2018 in main campus of NED University of Engineering & Technology. The Conference will be a two-day event spread over an inaugural and multiple technical sessions. The conference provides a platform that invites people locally and internationally to present and discuss about the emerging trends and innovations in the fields of Telecommunication and Electronics Engineering. NED University has been involved with various conferences of international scope regarding Engineering and Technology and this conference is expected to carry similar scope. The students, researchers, industrialists and career professionals attending this event would enthusiastically appreciate the material that will be presented in this international conference. Authors are invited to submit their original technical papers to the conference.

Scope and Areas of Interest:

The conference primarily covers all areas of Electrical, Electronic, Telecommunication, & Computer Engineering. Submitted Papers may belong to, but not limited to the below mentioned areas of interest:

Electronic Engineering Applications
Telecommunication Engineering Applications
Nanotechnology
Biometric and Bio sensors
Material engineering
Metamaterials
Wireless and Cognitive Systems
Quantum Mechanics
Information and Communication Technologies
Signal, Image and Speech Processing
Artificial Intelligence
Stochastic Modeling Application in Engineering
Robotics and Mechatronics
Internet of Things
Computer Networks and Security
Smart Devices and Applications
Green Communications
Power Electronics
Instrumentation and Calibration
Geographical Information Technologies
Biomedical Engineering
Alternate Energy
RF Engineering
Optical Engineering

Instructions for Author(s)

Manuscript template is available and can be downloaded from the conference website (www.etrp.pk). Authors are requested to submit full and formatted paper, before the submission deadline. Details of paper submission process are available on conference website. For more details please contact:
Email: icete@neduet.edu.pk
Phone: +92-21-99261261 ext: 2270

Important Dates

Full Paper Submission	22 nd January 2018
Full Paper Acceptance	5 th February 2018
Camera Ready Submission	10 th February 2018
Early Bird Registration Deadline	1 st - 10 th Feb 2018
Final Registration Deadline	25 th February 2018

Registration Fees

Presenters/Authors	Gratis
Early Bird Registrations	PKR 1000
Late Registrations	PKR 2000
Students / PhD. Scholars / Faculty	PKR 1000

Committees

Patron-in-Chief:

Prof. Dr. Sarosh Hashmat Lodi, Vice Chancellor, NEDUET.

Co-Patron:

Prof. Dr. Muhammad Tufail, Pro-Vice Chancellor, NEDUET.

Vice Patron: Prof. Dr. Saad Ahmed Qazi,

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ENTREPRENEUR SEMINARS

INTERNATIONAL CONFERENCE ON EMERGING TRENDS
IN TELECOMMUNICATION AND ELECTRONIC ENGINEERING



SPEAKERS:



Syed Atif Murtaza,
National Sales
Training Manager,
Reckitt Benckiser



Nabil Kalu,
Project Manager
Learning Mind
Groups



Abdul Samad
Manager Project,
Traxlogic



Zaid Pirwani
Co-Founder
Ejaad Tech



Bilal Javed
Founder
SchoolX



Tahniat Hasan
Co-founder
ARMEZ



Wajahat Hussain
CEO
Akazon

DATES AND TIMINGS: 27th February 2018, Tuesday
(02:15 to 05:15 P.M.)



VENUE: CIVIL ENGINEERING DEPARTMENT LECTURE HALL, NEDUET

REGISTRATION: Visit Electronic Engg. Department



INDUSTRIAL SEMINARS

INTERNATIONAL CONFERENCE ON EMERGING TRENDS
IN TELECOMMUNICATION AND ELECTRONIC ENGINEERING



SPEAKERS:



Sana Rizwan
PM, Reon energy
Solutions
"Renewable Energy
for Telecom
Systems"



Abdul Haq
Mohiuddin
RF Optimization



Faizan Adil
Instr. & control Engr.
National Refinery Ltd
"Control Systems
in Process Industry"



Areeb Zaidi
AM, Maritime
Tech Complex
"National and Intl.
Employability for
Electronic Engrs."



Omair Hanif
Deputy Planning
Manager, KE
"Professional
Flexibility for
Career Growth"

DATES AND TIMINGS: 28th February 2018, Wednesday
(02:00 to 03:30 P.M.)

VENUE: NEDUET MAIN AUDITORIUM (Electronic Stream)
CIVIL ENGINEERING DEPARTMENT LECTURE HALL, NEDUET*

*Telecom Stream **REGISTRATION:** Visit Electronic Engg. Department





GUEST LECTURE SESSIONS

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN TELECOMMUNICATION AND ELECTRONIC ENGINEERING



ICE (TE)²

SPEAKERS:



Ted Johansson, Docent,
Linköping University,
Sweden
"Power Efficient CMOS
Power Amplifier"

Dr. Hironao Takahashi
Associate Professor,
Director ORIC
DHA Suffa, Karachi
"Artificial Intelligence"



DATES AND TIMINGS: 27th February 2018, Wednesday
(02:15 to 03:45 P.M.)

VENUE: NEDUET MAIN AUDITORIUM

REGISTRATION: Visit Electronic Engg. Department



KEYNOTE SPEAKERS

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN TELECOMMUNICATION AND ELECTRONIC ENGINEERING



ICE (TE)²

SPEAKERS:

27th FEBRUARY 2018, 10:00-13:15 hrs



Prof. Dr. Uda bin Hashim
Deputy Vice Chancellor
University of Malaysia,
Perlis, Malaysia
"Nano Lab-on-Chip for
Nano Sensing and Control"



Dr. Jahanzeb Ahmed
Vision Design Engr.
Intel Corporation
UK
"The Future of Healthcare
Electronics: Opportunities
and Challenges"



Mr. Imran Khan
Managing Director
RapidCompute,
Cybernet
"Cloud as an Enabler of
Acceleration and
Innovation"

28th FEBRUARY '18, 16:00-17:00 hrs



**Prof. Dr. Muhammad
Hassan Sayyad**
Dean, GIK Institute
Pakistan
"Organic Electronics
& Photonic Devices"



Dr. Arfan Ghani
Associate Professor
Coventry University
UK
"FPGA for Complex
Processing and Low
Latency Requirements"

VENUE: NEDUET MAIN AUDITORIUM

REGISTRATION: Visit Electronic Engg. Department





FULLBRIGHT SCHOLARSHIP SESSION

**INTERNATIONAL CONFERENCE ON EMERGING TRENDS
IN TELECOMMUNICATION AND ELECTRONIC ENGINEERING**



SPEAKER PROFILE: Faraz Hussain, Senior EducationUSA Adviser
USEFP, Karachi



DATES AND TIMINGS: 27th February 2018, Tuesday (03:45 to 04:15 P.M.) and
28th February 2018, Wednesday (11:30 to 12:00 noon)

VENUE: NEDUET MAIN AUDITORIUM, NEDUET



News Article

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN TELECOMMUNICATION AND ELECTRONIC ENGINEERING ICE (TE)²

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI

27th -28th Feb 2018 – Karachi: International Conference on Emerging Trends in Telecommunication and Electronic Engineering ICE (TE)² 2018 was held at NED University of Engineering and Technology on 27th and 28th February 2018. The conference has been organized by Emerging Technologies Research Group, Department of Electronic Engineering, NED University of Engineering and Technology in collaboration with Higher Education Commission, Islamabad. The inaugural ceremony of the conference was held at NED University of Engineering and Technology Main Auditorium Karachi. The Minister of State for finance and economic affairs, Mr. Rana Muhammad Afzal Khan graced the inaugural ceremony as the Chief Guest. He was accompanied by the Patron-in-Chief, Prof. Dr. Sarosh Hashmat Lodi, Vice Chancellor, NEDUET, Co-Patron, Prof. Dr. Muhammad Tufail, Conference Convener, Prof. Dr. S.M. Usman Ali, and other dignitaries. The inaugural ceremony was also attended by many distinguished members of Academia and Industry and hundreds of students and researchers. The ceremony started with the opening address of the Patron-in-Chief, Prof. Dr. Sarosh Hashmat Lodi. Then, Head of Planning and Engineering, K-Electric, Mr. Waqas bin Najib shared his views on the conference. This was followed by the conference keynote speech by Prof. Dr. Uda bin Hashim, Deputy Vice Chancellor, University of Malaysia, Perlis, Malaysia. Afterwards, the chief guest, Mr. Rana Afzal Khan, was invited to share his views where he thanked the management for inviting him, shared his cherished memories of time spent in NEDUET as a student and stressed upon investing ones energy and resources for the betterment and development of the country.

The Conference Convener, Prof. Dr. S.M. Usman Ali, chairman, Electronic Engineering Department, NEDUET, presented his Vote of Thanks and emphasized on the need for preparing for the next generation industrial revolution in the fields of telecommunication and electronic engineering in order to meet the challenges after 2020. He also expressed gratitude to the Chief Guest, Patron, co-patron, Keynote speakers, organizing committee, paper authors and presenters, Sponsors and other guest speakers.

The ceremony concluded with Shields distribution to Chief Guest, Patron-in-Chief, Co-Patron and Sponsors. The inaugural ceremony was followed by two keynote speeches, by Dr. Jahanzeb Ahmed from Intel, UK and Mr. Imran Khan, MD, Rapidcompute. Later that day, two international researchers, Dr Ted Johansson from Linkoping University, Sweden and Dr. Hiranao Takahashi, from DHA Suffa University conducted guest lecture sessions.

Other conference keynote speeches were delivered by Dr. Jahanzeb Ahmed, Vision Design Engineer from Intel, UK, Prof. Dr. M. Hassan Sayyad, Dean, GIK Institute, Dr. Arfan Ghani, from Coventry University, UK and Mr. Imran Khan, Managing Director of RapidCompute. The conference also had an Entrepreneurs session with seven motivational speeches from distinguished entrepreneurs, Talks from industrial representatives and a White papers session. Besides, seven technical sessions targeting different fields of Telecommunication and Electronic Engineering were conducted, where the authors of selected research papers presented their work and shared their knowledge with the audience.

The conference concluded with the vote of thanks by the conference secretary.

Selected Pics of the event

