

CONFERENCE PROGRAM	
International Conference on Electrical Engineering 2018 (ICEE'18)	
15th February- 16th February, 2018	
Thursday 15th Feb, 2018 [Day 1]	
08:30 - 9:30 am	Onsite Registration
	Opening Ceremony (Venue: UET Main Auditorium Complex)
09:30 - 10:00 am	Reception (Guests & Participants)
10:00 - 10:05 am	National Anthem
10:05 - 10:10 am	Recitation: Holy Quran
10:10 - 10:35 am	Welcome Notes
10:35- 10:50 am	Distinguished Guests: Notes
10:50- 11:00 am	Chief Guest: Note
11:00 - 11:30 am	Keynote Address: Dr. Shoab Ahmad Khan , Center for Advanced Studies in Engineering
11:30 - 11:40 am	GROUP PHOTO
11:40 am - 12:00 pm	TEA BREAK

SESSION-I [Day 1]			
(Venue: Masood Hall, EE Deptt.)			
Moderator: Arsalan Rahim			
12:00 - 12:45 pm	Keynote Address: Dr. Mohd Zainal Abidin Ab Kadir , Universiti Putra Malaysia Title: "Lightning: A public health threat and utility dilemma "		
12:45 - 01:30 pm	Invited Speaker: Dr. Mahmood Nagrial , University of Western Sydney, Australia Title: "New Developments in High Efficiency Electrical Drives"		
1:30 - 02:30 pm	LUNCH & PRAYER BREAK		
SESSION-II			
[02:30 - 4:15 pm]	TRACK 1	TRACK 2	TRACK 3
	Venue: Masood Seminar Hall, EE Deptt.	Venue: Video Conf. Room, EE Deptt.	Venue: Lobby EE Deptt.
	Chair: Dr. Mahmood Nagrial; Moderator: Dr. Umer Shami Area: Electronics & Communications	Chair: Dr. Zainal Abidin; Moderator: Dr. Asghar Saqib Area: Power Systems	Chair: Dr. Shoab A. Khan; Dr Hassan Zaidi, Industrialists Moderator: Dr. A. R. Kashif
02:30 - 2:45 pm	ID 43: Title "On the Study of Chaotic Colpitts Oscillator using Simulations and Experiments" Presenter: Muhammad Abdullah	ID 45: Title "Grounding Points Model for Power Flow Applied to an Autotransformer Configuration Railway" Presenter: Anzar Mahmood	<i>STUDENT POSTER EXHIBITION</i> [2:30-4:00pm]

2:45 - 3:00 pm	<i>Invited Talk: Power Planners International</i>	ID 98: Title "Agent-based Modeling of Electricity Purchasing Decisions by Load Serving Entities subject to Transmission Rights and Constraints" Presenter: Muhammad Nauman Rafique	<i>STUDENT POSTER EXHIBITION [2:30-4:00pm]</i>
3:00 - 3:15 pm	ID 75: Title "Active Damping of Capacitor Current based on Parallel Feedforward Compensation of LCL Grid Connected Inverter" Presenter: Muhammad Talib Faiz	ID 102: Title "Analyzing the Effects of Distributed Voltage Control on Hybrid AC/DC Distribution Network" Presenter: Syed Muhammd Shaharyar	
3:15 - 3:30 pm	ID 118: Title "Performance of Different MPPT Control Techniques for Photovoltaic Systems" Presenter: Muhammad Hussnain Riaz	ID 103: Title " Non-Cascaded Short-Term Pumped-Storage Hydro- Thermal Scheduling Using Accelerated Particle Swarm Optimization" Presenter: Muhammad Salman Fakhar	Venue: VC Conference Room [3:30- 4:15 pm] <i>Industrial-Advisory board meeting</i> Moderator: Dr. Farhan Mahmood
3:30 - 3:45 pm	ID 77: Title: "R-134 and CO2 Mixture as a sustainable alternative to SF6 and Co2" Presenter: Sajjad Khan	ID 76: Title "Demand Response Augmented Control with Load Restore Capabilities for Frequency Regulation of an RES-Integrated Power System" Presenter: Hafiz Muhammad Ashraf.	
03:45 - 4:00 pm	ID 101: Title "Active Pixel Digital Sun Sensor for Satellites" Presenter: Muhamamd Awais Arshad	ID 99: Title: "Area of Plausible Region for a Cognitive Sensor in terms of Transmission" Presenter: Abdul Moeed	
04:00- 4:15 pm	ID 32: Title "A multi-target tracking and interception system in the surveillance area" Presenter: Gul Hameed Khan	ID 96: Title: "Hierarchical Radial Basis Function based Multiclass Support Vector Machines and A Hybrid Feature Pool for Bearings Fault" Presenter: Muhammad Sohaib	
6:30 PM	CONFERENCE DINNER (Invited guests only)		

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Friday 16th Feb, 2018 [Day 2]

SESSION-III

(Venue: Masood Hall, EE Deptt.)

Moderator: Dr. Kashif Javed

9:00- 9:45 am	Invited Speaker: Dr. Kamran Iqbal , University of Arkansas at Little Rock, USA Title: "Wearable Technology for Healthcare: Living Longer, Better Lives with Wearables"
9:45 - 10:30 am	Invited Speaker: Dr. Khurram Afridi , University of Colorado, Boulder, USA Title: "Frontiers of Power Electronics"
10:30 -11:00 am	TEA BREAK

SESSION-IV

[11:00 - 12:30 pm]	TRACK 1	TRACK 2
	Venue: Masood Hall, EE Deptt.	Venue: EE Deptt. Lobby
	Chair: Dr. Kamran Iqbal ; Moderator: Dr. K. M. Hasan; Area: Control Engineering	Chair: Dr. Mehmood Nagrial; Moderator: Dr. A. R. Kashif
11:00 - 11:15 am	ID 120: Title "Intelligent Damping Control for Transient Stability Enhancement using HVDC" Presenter: Muhammad Abdul Basit	<i>STUDENT POSTER EXHIBITION [11:00 am-12:30 pm]</i>
11:15 - 11:30 am	ID 28: Title "Improved RSC-GSC decoupled and LVRT control strategies of DFIG-based wind turbine" Presenter: Rasool Bux	
11:30 - 11:45 am	ID 74: Title "Dual Purpose Cartesian Infrared Sensor Array Based PID Controlled Line Follower Robot for Medical Applications" Presenter: Zain Ul Abideen	
11:45 - 12:00 pm	ID 90: Title "Control of Flexible Joint Robotic Manipulator: Design and Prototyping" Presenter: Waqar Alam	
12:00 - 12:15 pm	ID 104: Title "State Estimation accuracy of tuned Least Measurement Rejection estimator" Presenter: Farhan Ammar Ahmad	
12:15 - 12:30 pm	ID 108: Title "Aircraft Dynamics Using Fuzzy-PID Controller Design" Presenter: Abdur Rasheed	
12:30 -02:00 pm	Lunch and Prayer Break	

SESSION-V

(Venue: Video Conferencing Room, EE Deptt.)

Moderator: Dr. Farhan Mehmood

02:00 - 02:30 pm	Invited Talk: Dr. Ahmed Shuja Syed , International Islamic Univeristy Title: "Next Generation Devices & Circuits: A Realm of Energy Efficiency & Process Proficiency"
[02:30 - 3:30 pm]	TRACK 3
	Chair: Dr. Ahmed Shuja Syed

	Area: Power systems
02:30 - 2:40 pm	<i>Invited Talk: Power Planners International</i>
02:40 - 2:45 pm	<i>Invited Talk: Jumbolon</i>
02:45 - 3:00 pm	ID 39: Title "Analyzing the Impact of Grid Connected Distributed Micro-hydro Generation Under Various Fault Conditions" Presenter: Waqas Ali
03:00 - 3:15 pm	ID 51: Title "Dynamic and Transient Analysis of a Wavelet-Based Protection Scheme for Smart Grids" Presenter: Umar Maqbool
03:15 - 3:30 pm	ID 117: Title: "Improved Mutilabel Text Classification Using Feature Ranking Metric" Presenter: Muhammad Nabeel Asim

[03:30 -05:00 pm]	CLOSING CEREMONY (Venue: UET Main Auditorium Complex)
03:30 -03:45 pm	Guests to be Seated
03:45 -03:50 pm	National Anthem
03:50 - 03:55 pm	Recitation: Holy Quran
03:55 - 04:10 pm	Closing Notes
04:10- 04:20 pm	Distinguished Guests: Notes
04:20- 04:30 pm	Chief Guest: Note
04:30- 04:40 pm	Shields Distribution
04:40- 04:45 pm	GROUP PHOTO
04:45 -05:00 pm	Refreshments