

PROGRAM SCHEDULE FOR ORAL SESSIONS ASPIRE-2020 DAY 2

Technical Session-1A Embedded System And ICT

Convention Center

Session Chairs: Dr. Ali Ahmed, Engr. Dr. AttaUllah Khwaja, IEP person

Time:	Paper ID:	Title and Presenters
09:30-09:55	IEEC-2020	Invited Talk By Dr. Ali Ahmed (Usman Institute of Technology)
09:55-10:20	IEEC-2020-8	Miniaturized Dual Band RFID Tag Antenna Mountable On Metallic Surface Sundas Farooq Khan, Sara Bibi and Yasar Amin
10:20-10:45	IEEC-2020-12	Design and Analysis of Controller for Non Isolated High Gain DC-DC converter Saad Ahmad , Abasin Ulasyar , Haris Sheh Zad, Abraiz Khattak , Kashif Imran NUST Islamabad Pakistan
10:45-11:10	IEEC-2020-32	Device-to-Device Communication Prototyping using Software Defined Radios Sundus Ali, Muhammad Imran Aslam, Irfan Ahmed and Hira Mariam NED University of Engineering & Technology
11:10		Certificate Distribution

Technical Session-1B Electrical Power System and Policies - 1

Dr. S. A. Hasan Hall

Session Chairs: Engr. Dr. Talat Altaf, Engr. Asif Mirza, IEP person

Time:	Paper ID	Title and Presenters
09:30-09:55	IEEC-2020-	Invited Talk by Asif Mirza
09:55-10:20	IEEC-2020-4	Voltage Contingency Ranking Of Pakistan National Grid In The Vicinity Of Nuclear Power Plant Abdul Ahad, Naila Zareen, Moaz Ahmad, Muhammad Umer, Abdul Rehman Abbasi and Tauseef-ur-Rehman Khan Karachi Institute of Power Engineering (KINPOE) College, PIEAS Karachi ,Pakistan.
10:20-10:45	IEEC-2020-14	Reactive Power Compensation in the Vicinity of Multiunit Nuclear Power Plant with P-V and Q-V Curves Analysis Muhammad Umer, Naila Zareen, Abdul Ahad, Moaz Ahmad, Abdul Rehman Abbasi and Tauseef-ur-Rehman Khan Karachi Institute of Power Engineering (KINPOE) Karachi
10:45-11:10	IEEC-2020-17	Transients Fault Analysis using nonlinear state space model of Synchronous Generator Muhammad Suleman, Sajjad Haider Zaidi, Nauman Memon, Bilal Muhammad Khan NUST Islamabad Pakistan
11:10		Certificate Distribution

<u>Technical Session-2A</u> <u>Renewable Energy</u>		
Convention Center		
Session Chairs: Dr. Beenish Sultana, Engr. Shahab Raja, IEP person		
Time:	Paper ID	Title and Presenters
11:30-11:55	IEEC-2020	Invited Talk By Engr. Shahab Raja (Advance Electronics International)
11:55-12:20	IEEC-2020-11	Analysis Of Hybrid Energy System For Rural Areas:A Case Study Of Village Shafiabad District Sanghar Sindh, Pakistan Suhail Ahmed Shaikh, Nayyar Hussain Mirjat,, Khanji Harijan ,Shoaib Ahmed Khatri Mehran University of Engineering & Technology Jamshoro Sindh Pakistan
12:20-12:45	IEEC-2020-38	Case Study for Solar Cooling System using Hybrid Multijunction PV and CST Technology Muhammad Shahram, Tariq Javid Hamdard University Karachi
12:45-13:10	IEEC-2020-63	Design and Simulation of Energy Efficient Campus Anam Shah, Nayyar Hussain Mirjat, Suhail Ahmed Shaikh Mehran University of Engineering & Technology Jamshoro Sindh Pakistan
13:10	Certificate Distribution	
<u>Technical Session-2B</u> <u>Electrical Power System and Policies - 2</u>		
Dr. S. A. Hasan Hall		
Session Chairs: Dr. Umbreen Sultana, Engr. Ali Asghar, IEP person		
Time:	Paper ID	Title and Presenters
11:30-11:55	IEEC-2020	Invited Talk by Ali Asghar (Eleken Associates)
11:55-12:20	IEEC-2020-22	Exploring CO2 emissions and Economic growth in Pakistan Tahir Ayaz Memon, Zubair Ahmed Memon, Syed Feroz Ali Shah, Faheemullah shaikh, Munwar Ayaz Memon Mehran University of Engineering & Technology Jamshoro Sindh Pakistan
12:20-12:45	IEEC-2020-29	Harmonic Reduction Technique in Presence of Large Number of Non-Linear Lighting Loads Alina Naz, Muhammad Mohsin Aman, Hira Yamin, Nimra Mustafa NED University of Engineering & Technology Karachi
12:45-13:10	IEEC-2020-47	Heliostat Field Layout: An Overview of Modern Trends in Generation, Optimization and Control Strategies Muhammad Haris and Syed Owais Athar Baluchistan University of Information Technology, Engineering & Management Sciences, Quetta, Pakistan
13:10	Certificate Distribution	

<u>Technical Session-2C</u> <u>Image and Speech Processing</u>		
Affia Hall		
Session Chairs: Dr. Krishan Lal Khatri, Prof. Dr. Abdul Sattar Saand, IEP person		
Time:	Paper ID	Title and Presenters
11:30-11:55	IEEC-2020-18	Carried Baggage Detection and Classification using Joint Scale LBP Shahbano, Wakeel Ahmad, S. M. Adnan Shah and Madiha Ashfaq UET Taxila Punjab Pakistan
11:55-12:20	IEEC-2020-20	Automatic License Plate Detection Muhammad Zohaib Sohail and Muhammad Hassan Shah NUST Karachi Pakistan
12:20-12:45	IEEC-2020-30	Fined-Grained Classification of Vehicle By Using Inception-V3 Danish UI Khairi, Yumnah Hasan, Zahida Perveen, Marium Ata and Mohammad Umair Arif Bahria University Karachi
12:45-01:10	IEEC-2020-45	A Comparative Study of CNN Based Vehicle License Plate Recognition Algorithms Waqar Ahmad, Zainab Shah and Nazeer Muhammad COMSATS University Islamabad, Abbottabad
01:10	Certificate Distribution	

<u>Technical Session-3A</u> <u>Renewable Energy and Artificial Intelligence</u>		
Convention Center		
Session Chairs: Engr. Dr. Haroon Rasheed, Engr. Azeem Anwar, IEP person		
Time:	Paper ID:	Title and Presenters
02:00-02:25	IEEC-2020	Invited Talk By Azeem Anwar - SignAxes (Pvt.) Ltd.
02:25-02:50	IEEC-2020-05	Experimental-Based Performance Evaluation Of Photovoltaic Solar System Ahmad Rafay Asad, Muhammad Riaz, Rabia Attiqah The University of Lahore, Islamabad
02:50-03:15	IEEC-2020-64	Impacts of Coal investments under CPEC on National Economy of Pakistan: An Input-Output Analysis Sumia Khatyan, Faheemullah Sheikh, Nayyar Hussain, Suhail Ahmed Shaikh Mehran University of Engineering & Technology Jamshoro Sindh Pakistan
03:15-03:40	IEEC-2020-10	Classification Of Pakistani Currency Based On Scale Conjugate Gradient (SCG) And Convolutional Neural Network Bushra Aijaz, Faizan Aadil, Zahida Parveen ¹ and Muhammad Umair Arif Bahria University Karachi
03:40	Certificate Distribution	

<u>Technical Session-3B</u> <u>Artificial Intelligence, IoT and Control</u>		
Dr. S. A. Hasan Hall		
Session Chairs: Engr. Dr. Farrah Haroon, Dr. Syed Sajjad Haider Zaidi, IEP person		
Time:	Paper ID:	Title and Presenters
02:00-02:25	IEEC-2020	Invited Talk By Dr. Syed Sajjad Haider Zaidi (NUST)
02:25-02:50	IEEC-2020-44	An Empirical Study of Face Recognition for Occluded and Low-Resolution Images M. Ibrahim Syed, Mehreen Mubashar M.Waqas Zeb COMSATS University Islamabad, Abbottabad
02:50-03:15	IEEC-2020-57	Evaluating the role of motion planning and steering control modules of Autonomous Vehicles in the perspective of single and mix traffic Scenarios: A survey Marya Rasib, Saba Malik, Faisal Raiz, Iram Javed, M. Atif Butt, Samia Abid, Kamran Hameed Mirpur University of Science and Technology (MUST), Mirpur AJ Kashmir
03:15-03:40	IEEC-2020-07	Design and Prototype Development of Vehicle Safety Alarm System Using Digital Microchips for Both Seat Belts and Doors Waqas Ali, Mohsin Jamil, Usman Ali, Haroon Farooq, Muhammad Arslan Yousaf and Samreen Arif University of Engineering & Technology Lahore
03:40		Certificate Distribution