

2018 3rd International Conference on Emerging Trends in Engineering, Sciences and Technology (ICEEST 2018)

**Karachi, Pakistan
21 – 22 December 2018**



**IEEE Catalog Number: CFP18R54-POD
ISBN: 978-1-5386-8250-0**

**Copyright © 2018 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP18R54-POD
ISBN (Print-On-Demand):	978-1-5386-8250-0
ISBN (Online):	978-1-5386-8249-4

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

***“International Conference on Emerging Trends in Engineering,
Sciences and Technology”***

ICEEST-2018

December 21- 22, 2018 (Friday & Saturday)

Table of Contents

S. No	Paper ID	Paper Title	Ri 0 No
1	PID 06	An Expert System for Calculating Zakat in Islam Ahmad Mohammed Almousa, Mohammed Waled Alesmael, Ahmed Khalid Aljabr, Muhammad Nasir Mumtaz Bhutta and Qazi Mudassar Ilyas	1
2	PID 07	An Evaluation of Machine Learning Classifiers and Ensembles for Early Stage Prediction of Lung Cancer M. Imran Faisal, Dr. Saba Bashir, Zain Sikandar Khan and Dr. Farhan Hassan Khan	8
3	PID 09	Forced Vibration Analysis of Rectangular Membranes with Clamped Edges Syed Nabeel Amjad and Nadeem Shafi Khan.	32
4	PID 11	Trajectory Tracking Control For Unmanned Aerial Vehicle Jamshaid Zaidi, Hamza Farooq, Zobia Nadeem, Bilal Yousuf Giga, Haris Moshin and Hasher Waseem.	52
5	PID 28	A Proposed Model for Education System Using Cloud Computing Engr. Ali Ahmed and Huma Ali.	57
6	PID 30	An Acceptance of Web Based Training System for Continuous Professional Development. A Case Study of Provincial Institute of Teacher Education Sindh, Nawabshah Nisar Ahmed Dahri, Dr. Muhammad Saleem Vighio and Dr.Mir Hassan Dahri	5;
7	PID 32	Random Network Coding for Secure Packet Transmission in SCADA Networks Sajid Nazir and Mohammad Kaleem.	69
8	PID 33	Live View Car Surveillance System Malik Tayyab, Nasir Khan and Anas Ahmad Chaudhary	73
9	PID 34	Code Improvements Towards Implementing HEVC Decoder Adeel Israr, Sajid Nazir and Mohammad Kaleem	78
10	PID 36	Comparative Throughput Analysis of Wireless EEG Network Based On IEEE 802.11 & IEEE 802.15.4 M. Khizar Abbas, M. Ghazaal Syed, Dr. Bilal M. Khan and Dr. Syed Sajjad Haider Zaidi	84
11	PID 38	Prevention of Educational Institutions from Terrorist Attacks using IoTs Waleej Haider, Muhammad Nouman, Syed Noman Hasany, Haris Ahmed and M. Asad Abbasi	8:
12	PID 40	Spatio-Temporal RBF Neural Networks Shujaat Khan, Jawwad Ahmad, Alishba Sadiq, Imran Naseem and M. Moinuddin	95
13	PID 41	Design & Development of Fault Detection & Location System for Electrical Distribution Network Syed Sheraz Ul Hasan Mohani, Shoaib Ameer, Atif Jabbar and Abid Yazdani	P IC
14	PID 42	SOA vs MSOA Comparative Analysis Syed Safdar Hussain Qadri and Aarij Mahmood Hussaan	9:
15	PID 44	Chaotic Time Series Prediction using Spatio-Temporal RBF Neural Networks	: 7

***“International Conference on Emerging Trends in Engineering,
Sciences and Technology”***

ICEEST-2018

December 21- 22, 2018 (Friday & Saturday)

		Alishba Sadiq, Muhammad Sohail Ibrahim, Muhammad Usman, Muhammad Zubair, Shujaat Khan	
16	PID 50	Efficient Video Encryption using Lightweight Cryptography Algorithm Syed Saiq Hussain, Muhammad Sohail Ibrahim, Syed Zain Mir, Sajid Yasin, Muhammad Kashif Majeed and Azfar Ghani	90
17	PID 52	A simple approach to block incidence of Ultraviolet radiations on PV Module Yusra Tahir, Faisal Khan and Abdul Hameed Memon	96
18	PID 54	Design and Implementation Challenges of Energy Saving Projects in Underdeveloped countries and their perspective solutions in the light of project management principles - A Review Waqar Tariq, Mohammad Lutfi Bin Othman, Izhal B Abdul Halin, Noor Izzri Bin Abdul Wahab and Salihudin Bin Hj Hassim	99
19	PID 57	Detection and Analysis of Driver Drowsiness Nurul Aisyah Binti Amirudin, Naufal Saad, Syed Saad Azhar Ali, Syed Hasan Adil	104
20	PID 58	Comparative Analysis: Conventional Video Codecs v/s Compressive Sensing Video Codecs Mansoor Ebrahim, Syed Hasan Adil, Tayyab Gul, Kamran Raza	113
21	PID 59	Predicting Market Performance with Hybrid Model Mehak Usmani, Syed Hasan Adil, Mansoor Ebrahim, Kamran Raza	119
22	PID 62	Machine Learning and Stress Assessment: A Review Syed Faraz, Syed Hasan Adil	123