2nd INTERNATIONAL CONFERENCE
December 5-6, 2018
on Innovations in Computer Science and Software Engineering

NED University of Engineering & Technology, Karachi
Conference Programme

Day-1 : Wednesday , 5th December 2018			

8:30 – 11:10	**Inaugural Session** **Venue : Main Auditorium**	8:30 - 9:30	Registration
		9:30 - 9:35	Recitation
		9:35 - 9:45	National Anthem
		9:45 - 9:50	Welcome address by Dean (ISH) : **Prof. Dr. Noman Ahmed**
		9:50 - 10:10	**Keynote Speech : 5*D image processing in real time applications*** **Dr. Kayyali Mohamed** CEO / Co-Founder of 4D Business Consulting, USA
		10:10 - 10:30	**Keynote Speech :** *Investigating Typical Learning Behaviors in the Smart Learning Project* **Prof. Dr. Agathe Merceron** Beuth University of Applied Sciences, Germany
		10:30 - 10:35	Pro-Vice Chancellor Speech
		10:35 - 10:40	Vice Chancellor Speech
		10:40 – 10:50	Guest of Honor Speech
		10:50 - 11:00	Chief Guest Speech
		11:00 - 11:05	Vote of Thanks by Chairman : **Prof. Dr. Najmi Ghani Haider**
		11:05 - 11:10	Presentation of Souvenirs

11:10 - 11:30	Hi-Tea

11:30 – 13:00	**Technical Papers Session-I** **Venue : Main Auditorium**	**Session-I** **Session Chair :** Dr.Kayyali Mohamed : **Session Co-Chair :** Dr. Najeed Ahmed Khan	
		11:30 - 11:50	**Detecting Brain Tumor using Deep Learning Convolution Neural Network with Transfer Learning Approach** *Lal Hussain, Adeel Ahmed Abbasi, Sharjil Saeed and Imtiaz Ahmad Awan*
		11:50 - 12:10	**Biosensor Interfacing: A Generic Architecture** *Abdul Basit Ayubi, Dr. Tariq Javid, Hina Iftikhar,Tayyaba Khalid and Syma Ghayas*
		12:10 - 12:30	**Node-Wise Monitoring of Power Supply Distribution Network Using Smart Cable & GPS smart monitoring to an anti-theft approach** *Rehan Rashed Khan, Jibran Rasheed Khan and Farhan Ahmed Siddiqui*
		12:30 - 12:50	**Finding Duplicate Data to Maintain System Storage** *Daniyal Najeeb, Khalid Rasheed and Huzaifa Siddiqui*
		12:50 – 13:00	**Presentation of Souvenirs**

13:00 - 14:00	Prayers/Lunch Break

14:00 – 15:50	**Technical Papers Session-II** **Venue : Main Auditorium**	**Session-II** **Session Chair :** Dr. Siva Kumar Subramaniam: **Session Co-Chair :** Dr. Muhammad Mubashir Khan	
		14:00 - 14:20	**Keynote Speech : The challenges on a static multi-hop wireless sensor network** **Dr. Siva Kumar Subramaniam** Universiti Teknikal Malaysia Melaka, Malaysia
		14:20 - 14:40	**A Game-Based Strategy To Overcome Stress Using Brain Computer Interface** *Kapil Kumar, Sumbul Ghulamani and Muhammad Ali Qureshi*
		14:40 - 15:00	**Real OR Fake News? Can you guess?** *Saman Hina, Muhammad Mubashir, Hafsa Ali, Ushna Shaheen and Samrah Syed*
		15:00 - 15:20	**Speech Recognition Based Expert System Limitations & Proposed Solution** *Sallar Khan, Jawaria Sallar and Jahanzaib Ali.*
		15:20 - 15:40	**MUD using GA with variation in Cross Over Operator** *Muhammad Nadeem Ali, Muhammad Adnan Khan,Umer Farooq and Muhammad Sajid Farooq*
		15:40 – 15:50	**Presentation of Souvenirs**

Day-2 : Thursday, 6th December 2018

9:00 – 11:15	**Technical Papers Session-III Venue: Video Conferencing Hall**	**Session-III** **Session Chair :** Dr.-Ing Syed Saqib Bukhari : **Session Co-Chair :** Dr. Saman Hina
		09:00 - 09:20 — **Keynote Speech : Trending topics utilization in different social media streams** **Dr.-Ing Syed Saqib Bukhari** Research Center for Artificial Intelligence (DFKI), Germany
		09:20 - 09:40 — **Multi-Purpose Robot for Marine and Land Based Applications** *Ali Akbar Siddique and Mohammad Tahir Qadri*
		09:40 - 10:00 — **QKD Protocols: Comparison & Security Analysis** *Ehtesham Khan and Muhammad Mubashir Khan*
		10:00 - 10:20 — **Design and Implementation of Single Board Solution- Arduino Graphic Studio** *Shiraz Afzal, Abid Khan, Muhammad Rauf, Muhammad Khalid and Muhammad Taha*
		10:20 - 10:40 — **Fuzzy Logic enabled Spectrum Access Scheme for Cognitive Radio Applications** *Shabbir Ahmed and Aamir Zeb Shaikh*
		10:40 – 11:00 — **Investigation to Optimize Network traffic by Cuckoo Search Algorithm** *Talha Akhtar, Najmi Ghani Haider and Shariq Mahmood Khan*
		11:00 - 11:15 — **Presentation of Souvenirs**
11:15 - 11:30		Refreshment
11:30 – 13:00	**Technical Papers Session-IV Venue: Video Conferencing Hall**	**Session-IV** **Session Chair :** Dr. Asad Masood Khattak : **Session Co-Chair :** Dr. Raheela Asif
		11:30 - 11:50 — **Keynote Speech: The art of Data Curation and its Application** **Dr. Asad Masood Khattak** Zayed University, UAE
		11:50 - 12:10 — **Towards Efficient Vectorization using Polyhedral Compilation** *Hameeza Ahmed and Muhammad Ali Ismail*
		12:10 - 12:30 — **Complexity Analysis of Swarm & Evolutionary Based MUD using Synchronous MC-CDMA System** *Faryal Batool, Muhammad Adnan Khan, Sagheer Abbas, Muhammad Saleem and Zohair Durrani*
		12:30 - 12:50 — **Adaptivity of Quiz-based E-Learning using Semantic Web and Ant Colony Optimization** *Asad Ali*
		12:50 – 13:00 — **Presentation of Souvenirs**
13:00 – 14:00		**Prayers/Lunch Break**
14:00– 16:00	**Technical Papers Session-V Venue: Video Conferencing Hall**	**Session-V** **Session Chair :** Prof. Dr. Agathe Merceron : **Session Co-Chair :** Dr. Shehnila Zardari
		14:00 – 14:20 — **Keynote Speech : Artificial Intelligence for understanding the Quran and the Bible** **Prof. Dr. Eric Atwell** University of Leeds, UK
		14:20 – 14:40 — **Water Resource Management and Irrigation Scheduling via Decision Support System** *Yusra Shahid, Ahsan Rehman, Muhammad Zunair Ahmed Khan, Basit Ali Khan, Muhammad Khurram and Syed Saqib Bukhari*
		14:40 – 15:00 — **Can intelligent consumption feedback mitigate the scarcity of energy in Pakistan?** *Arzam Muzaffar Kotriwala*
		15:00 - 15:20 — **Analysis of routing schemes in QKD networks** *Qurban Ali and Muhammad Mubashir Khan*
		15:20 – 15:45 — **Poster Presentation**
		15:45 – 16:00 — **Presentation of Souvenirs**
		Closing Session
16:00 – 17:15	**Venue: Video Conferencing Hall**	**16:00 – 16:05** — Recitation
		16:05 – 16:15 — Closing Remarks by Chairman : **Prof. Dr. Najmi Ghani Haider**
		16:15 – 16:30 — Guest of Honor Speech
		16:30 – 16:40 — Chief Guest Speech
		16:40 – 17:00 — Presentation of Souvenirs
		17:00 – 17:05 — Vote of Thanks by Conference Secretary : **Dr. Shariq Mahmood Khan**
		17:05 - 17:15 — Photo Session
17:15 – 17:30		Hi-Tea