

Time	Activity	Venue		
Day 2 (21st March 2019)				
0930 - 0935	Tilawat & Translation	NS Auditorium		
0935 - 1020	Invited Talk 2: Dr Seong Oun Hwang TOPIC: Introduction of deep learning and its applications in cyber security	NS Auditorium		
1020 - 1110	Invited Talk 3: Dr Muhammad Naeem TOPIC: Resource Allocation in Green Wireless Communication	NS Auditorium		
1110 - 1240	<table border="1"> <tr> <td>Telecom [Paper 6-9] Session Chair: Dr M Naeem/ Dr Shibli Nisar Venue : Iftikhar 1</td> <td>Software [Paper 6-11] Session Chair: Dr Zaki/Dr Seong Venue : Iftikhar 2</td> </tr> </table>	Telecom [Paper 6-9] Session Chair: Dr M Naeem/ Dr Shibli Nisar Venue : Iftikhar 1	Software [Paper 6-11] Session Chair: Dr Zaki/Dr Seong Venue : Iftikhar 2	Iftikhar Block
Telecom [Paper 6-9] Session Chair: Dr M Naeem/ Dr Shibli Nisar Venue : Iftikhar 1	Software [Paper 6-11] Session Chair: Dr Zaki/Dr Seong Venue : Iftikhar 2			
1240 - 1315	Invited Talk 4: Dr Jameel Ahmed TOPIC: Runtime Hardware Adaption Technique	NS Auditorium		
1315 - 1425	Lunch/Prayer Break	Cafeteria		
CLOSING CEREMONY				
1425 - 1500	Keynote Speech by Dr Hafiz Malik TOPIC: Cybersecurity for Connected Autonomous Vehicles: Threats and Solutions	NS Auditorium		
1500 - 1525	Conference Review/Concluding address by Dean	NS Auditorium		
1525 - 1540	Chief Guest Speech	NS Auditorium		
1540 - 1545	Souvenir Distribution	NS Auditorium		
1545 – 1600	Group Photo	NS Auditorium		
1600 – 1630	Refreshments	Cafeteria		

The accepted papers in each of the conference tracks are provided in Annex A.

Annex A

S.No	Paper ID	Presentation/Paper Title	Authors	Time Slot	Mode of Presentation
Information Security Track:					
1	62	An Improved three-factor anonymous Authentication Protocol for WSNs based IoT System Using Symmetric Cryptography	Khwaja Jawad, Khwaja Mansoor, Ahmed Fraz Baig, Anwar Ghani and Azmat Naseem	20 th March 2019 1320-1335	Oral
2	125	SDN Security Artifacts (DoS and Authentication) of 5G	Sohaib Niazi and Awais Javed	20 th March 2019 1350-1405	Oral
3	117	Location based Authentication using Smartphones	Farhan Nisar	20 th March 2019 1420-1435	Oral
Telecom Track:					
1	8	RF MEMS Capacitive Switch with High Isolation for 5G Communication	Saad Mansoor and A. A. Khan	20 th March 2019 1320-1335	Oral
2	19	Design and Analysis of a Wide Band Cross-Polarization Converting Metasurface	Abd Ullah, Bilawal Khan, Sadiq Ullah and Babar Kamal	20 th March 2019 1335-1350	Oral
3	72	A Simple and Low Cost Land-Mobile-Radio Design for Interoperability Among Radio Networks in a Public Safety Scenario	Tauqeer Ahmed and Noor Muhammad Khan	20 th March 2019 1350-1405	Oral
4	53	Software Defined Radio Waveform Development Feasibility Using MATLAB	Khizra Ilyas, Atif Javed, Salik Satti and Wajid Gulistan	20 th March 2019 1405-1420	Oral
5	64	Designing Band Pass Filter for HF Radio's Front End	Lojain Syed, Syed Hamza Hasan, Hamza Rashid and Wajid Gulistan	20 th March 2019 1420 – 1435	Oral
6	48	Performance Analysis of a Square Fractal ring Antenna for Broadband Application	Kiran Nadeem, Iram Nadeem and Zeeshan Ahmed	21st March 2019 1110 – 1125	Oral
7	40	UWB Microstrip Antenna with U-Shape Slot for WLAN Band-Suppression Application	Zain Ul Islam, Iram Nadeem, Zeeshan Ahmed, Faiz Khalid, Ferdows Zarrabi and Muhammad Haneef	21st March 2019 1125 – 1140	Oral
8	95	Dual-Radio Dual-Band Configuration for Flexible Communication in Flying Ad-hoc Network (FANET)	Muhammad Asghar Khan	21st March 2019 1140 – 1155	Oral

9	28	Robust Sound Classification for Surveillance using Time Frequency Audio Features	Saleet Ul Hassan, Muhammad Zeeshan Khan, Muhammad Usman Ghanni Khan and Summra Saleem	21 st March 2019 1155-1210	Oral
Software Track:					
1	81	Traffic Intensity Based Efficient Packet Scheduling	Arif Husen and Syed Shah Muhammad	20 th March 2019 1320- 1335	Oral
2	42	A Hybrid Approach For HandsFree Cursor Control	Zain Ul Islam	20 th March 2019 1335- 1350	Oral
3	45	Automata Based Railway Gate Control System at Level Crossing	Aniqa Rehman, Saba Latif and Nazir Zafar	20 th March 2019 1350- 1405	Oral
4	54	Congestion Avoidance Adaptive Routing Protocol For MANETs Using Network Coding	Tayyaba Abdul Haq, Khwaja Mansoor and Saba Mahmood	20 th March 2019 1405- 1420	Oral
5	16	Machine Learning Techniques for SIM Box Fraud Detection	Mhair Kashif	20 th March 2019 1420 – 1435	Oral
6	106	Quality based Software Architectural Decision Making	Tehreem Aslam, Tauseef Rana, Amna Naheed, Marwa Batool and Asma Andleeb	21 st March 2019 1110 – 1125	Oral
7	66	Senitment Analysis For Automated Email Response System	Muhammad Babar Abbas and Mukarram Khan	21 st March 2019 1125 – 1140	Oral
8	76	Microservices Architecture: Challenges and Proposed Conceptual Design	Raja Mubashir Munaf, Jawwad Ahmed, Faraz Khakwani and Tauseef Rana	21 st March 2019 1140 – 1155	Oral
9	68	A Hybrid Scheme for Feature Selection of High Dimensional Educational Data	Usman Ali, Khawaja Sarmad Arif and Usman Qamar	21 st March 2019 1155 – 1210	Oral
10	93	Telegenic Data Analysis for Compact Description and Genre Classification based on Re-ranking	Summra Saleem, Maida Shahid, Aniqa Dilawari and Usman Ghani	21 st March 2019 1210 – 1225	Oral
11	37	Segmentation of Crowd into multiple constituents using modified Mask R-CNN based on mutual positioning of human	Gulraiz Khan, Zeeshan Tariq, Junaid Hussain, Muhammad Ali Farooq and Muhammad Usman Ghani Khan	21 st March 2019 1225 – 1240	Oral