IEEE COMSOC SUMMER SCHOOL 2016

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Table of Contents

Introduction	**3**
Day 1	**3**
Opening Ceremony	**3**
Activities	**4**
Day 2	**6**
Welcome Note	**6**
Activities	**7**
Day 3	**10**
Welcome	**10**
Activities	**10**
Closing Ceremony	**13**
Highlights of Closing Ceremony	**13**
Day 4	**16**
Welcome	**16**
Activities	**16**
Closing Note	**18**
Conclusion	**18**

INTRODUCTION

KICS UET in collaboration with Punjab University jointly arranged IEEE COMSOC Summer School 2016 that took place from 26th- 29th July, 2016 in Punjab University Lahore and University of Engineering and Technology Lahore. It was a well-attended event that witnessed abundance of participation from all corners. It is a new initiative of IEEE COMSOC to start a Summer School Program in order to promote research among graduates and post graduate students. It has basically been designed for MS and PhD students to promote research in communication area. The event also enlightens the latest trends being taken place in the field of communication.

DAY 1

OPENING CEREMONY

The event started off in Punjab University Lahore at Al-Razi Hall with a good attendance of the participants.

ACTIVITIES

IEEE COMSOC Summer School 2016 began with the recitation of Holy Quran followed by the welcome note delivered by Prof. Dr. Rafique Ahmad, Principal CEET Punjab University Lahore. Mr. Kashif Bashir, Manager HUTIC KICS Lahore then gave introduction to IEEE COMSOC Summer School 2016. Prof. Dr. Waqar Mahmood, Director KICS UET Lahore delivered a keynote speech later. Director FAST Lahore Prof. Dr. Amjad Hussain delivered a speech on IEEE Lahore Section.

The event then witnessed a speech from Mr. Usman Ghani from SAGEMCOM SAS on the topic of Energy Efficiency for Next Generation Data Center. Mrs. Humaira Arif, Director HR and Technical World Call, talked on the subject of Regulations of Communication in Pakistan. Dr. Ali Hammad Akber, Assistant Professor UET Lahore, delivered a talk on Living the LTE Era and beyond. The last talk of the day one session was delivered by Assistant Professor, Dr. Majid Hussain from COMSATS Sahiwal on the topic of A Conditioned Reflex Action Inspired Adaptive Model for Context Addition in Wireless in Sensor Networks. A group photo concluded the day one activities.

2016
26th-29th July , 2016

DAY 2

WELCOME NOTE

Second day's program began with a welcome note by Prof. Dr. Rafique Ahmad, Principal CEET Punjab University Lahore.

ACTIVITIES

The event was then followed by a poster presentation session dolled up by the students of UET and Punjab University. Vice Chancellor UET Lahore Prof. Dr. Fazal Ahmad Khalid delivered a speech on Overview, Achievements and Future Plans of University of Engineering and Technology Lahore. Prof. Dr. Amir Ijaz, Director ORIC Punjab University Lahore, then talked on the subject of Overview, Achievements and Future Plans of University of the Punjab. A delegation of 6 from US State Department came to adorn and honor the event. Three of them namely Ms. Karol Hines, Ms. Mindy McLaughily and Dr. Libby Parker delivered speeches and judged the poster presentation session along with Director KICS UET Dr. Waqar Mahmood.

Ms. Karol Hines, Director CUBE, talked on Entrepreneurship. Her talk was then followed by the Manager Foreign Direct Investment Jobs Ohio, Ms. Mindy McLaughily's speech on the topic of Project Management. Dr. Libby Parker, Creator and Founder of H.O.P.E Leadership Academy, delivered a speech on Leadership. UET's Professor Dr. M. Tahir delivered a technical talk on Visible Light Communication System Based on White LEDs. Assistant Professor LUMS, Dr. Momin Uppal delivered a technical talk on Layered Relaying for Wireless Multicast. Second day wrapped up with a group photo.

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DAY 3

WELCOME

Dr. Waqar Mahmood, Director KICS and Mr. Kashif Bashir, Manager HUTIC KICS, along with other personnel welcomed the distinguished guests and the participants.

ACTIVITIES

Day third's activities started off at KICS's Seminar Hall. The opening talk was a technical speech on the topic of Digital Watermarking and Channel Equalization by Dr. Kashif Samee, Assistant Professor Punjab University Lahore. Dr. Hafiz Ashiq Hussain, Chairman EE HITEC Taxila then delivered a technical talk on Non Linear Optical Phenomenon. The event was then pursued its activities with a technical talk on the subject of Project Management Professional & SAP by Shahid Qayyum, CTO Netsol. IEEE COMSOC Summer School 2016 also witnessed another honor when a representative of Huwaei Charles Wang joined in by delivering a special talk on Cloud Computing. Mr. Usman Khan from Huwaei Technologies then got on board with a talk on Development of Technology Trends in IP Networks. Last talk of the day was from

Engineer Fawad, Research Officer HUTIC KICS, who talked on the topic of Huwaei Telecom and Data Center.

CLOSING CEREMONY

Closing Ceremony took place at Staff Club in UET Lahore. It was a full-attended function. Distinguished guests included the likes of:

- Dr. Naveed A. Malik (VC Virtual University
- Prof. Dr. Fazal Ahmad Khalid (VC UET Lahore)
- Prof. Dr. Uzma Qurreshi (VC LCWU)
- Dr. Prof. Rafiq Ahmed (Principal College of Engineering and Emerging Technology CEET)
- Prof. Dr. Waqar Mahmood Director KICS UET Lahore
- Dr. Amir Ejaz (Director ORIC)
- Dr. Khalid Mahmmod-ul-Hassan (IEEE UET Branch Counselor)
- Syed Mir Badshah (Project Director and Chief Controller of Purchase Ex- MD Factory Risalpur , Pakistan Railway)
- Muhammad Tariq Akram (CEO Muhammad Ahmad Engineers)
- Ahmad Sheikh (CEO InsiyabiPvt Ltd. (Formerly Siemens Enterprises)
- Muhammad Nadeem (Deputy General Manager Siemens)
- Dr. Tahira Battar (Dean Faculty of Engineering & Technology) LCWU
- Dr. Amjad Hussain (Director FAST University Lahore)
- Dr. Abdul Aziz (Dean Cs and IT Superior University Lahore)
- Dr. Momin Upal (LUMS)
- Dr. Tariq Jadoon (LUMS)
- Dr. Ashiq Hussain (Dean EE HITEC Taxila)
- Mr. Kashif Bashir Chair IEEE COMSOC Lahore Section and Manager HUTIC

HIGHLIGHTS OF CLOSING CEREMONY

The fiesta was truly luminous filled with keynotes, speeches and performances by the students. Dr. Naveed A. Malik, VC Virtual University, was the chief guest of the occasion. It started off with the recitation of Holy Quran followed by keynote speech by VC UET Prof. Dr. Fazal Ahmad Khalid. Dr. Waqar Mahmood, Director KICS UET then presented review of IEEE COMSOC Summer School 2016. Guests of the event delivered their speeches. Vice Chancellor UET thanked the honorable guests and also appreciated the efforts of IEEE ComSoc Lahore Section, Punjab University and KICS for conducting such a fabulous event. Dr.Naveed A. Malik, VC Virtual University said that the events of this kind always help in establishing collaborations among universities to promote research and development. To make the ceremony lively and interesting, students presented acts and musical gig. Lapel Pin ceremony was done by VC UET, chief guest VC Virtual University, Principal EE PU and VC LCWU. Poster winner was then

awarded followed by certificates and shields distributions to the participants and the organizers by VC UET, chief guest, Director KICS, Principal EE PU and VC LCWU. Later, VC UET then presented souvenirs to the honorable guests.

26th-29th July , 2016
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Summer School Program
2016
-29th July , 2016

DAY 4

WELCOME

KICS personnel along with Manager HUTIC KICS, Kashif Bashir welcomed the guests and the participants at the venue i.e. Seminar Hall, KICS UET Lahore.

ACTIVITIES

Day 4's activities began with a technical talk on the topic of Internet of Things (IoT) delivered by Dr. Ghalib Shah, Associate Professor KICS UET. Associate Professor LUMS, Dr. Haider Ijaz Naqvi then came up on stage to deliver a technical talk on the topic of Time Reversal UWB system with multiple antennas: Performance analysis under imperfect CSIT. Another professor from Lahore University of Management Sciences (LUMS), Dr. Tariq Jadoon presented a technical talk on Tele Trafficking- History & Future. Last talk of the day was from Dr. Amir Mehmood, Associate Professor KICS UET, who presented his views on Urdu Search Engine.

Urdu Search Engine

CLOSING NOTE

Closing note was delivered by Dr. Tariq Jadoon from LUMS. He appreciated the participants for attending 4 day summer school and congratulated the management for arranging such a successful, lucrative and informative event. Later, certificate distribution ceremony was held.

CONCLUSION

It was thoroughly a lucrative event filled with informative and knowledgeable talks, which the participants liked to attend. A good amount of attendance was seen. By the end, everyone was satisfied and excited.