Engr. Ishfaque Ahmed Khanzada

Contact: +92 (333) 3798606, **E-mail:** ishfaquekz@yahoo.com

Objective: *Ardent to acquire a career oriented and challenging opportunity in a progressive organization, where I can utilize my academic and professional skills for the betterment of the organization and also for my professional career ahead.*

Qualification:

- **Ph.D. Fellow**   **2023**
  Computer & Information System Engineering
  NED University of Engineering and Technology, Karachi
  Synopsis / Research Area: Cryptography / Cyber Security / Computer & Digital Forensics

- **Post Grad. Training Diploma "Digital Forensics"**   **2020**   **[Topper in the class]**
  Institute of Business Administration, Karachi
  <u>Majors</u>: **Cryptography and Computer Forensics**

- **Masters of Science in "Computer Engineering"**   **2014**   **18 YEARS**   **[1ˢᵗ Division]**
  Sir Syed University of Engineering and Technology, Karachi
  <u>Majors</u>: **Computer Networks, Distributed Applications, Stochastic Process Engineering**
  <u>Specialization</u>: **Network Performance & Evaluation, WSN, Computer Security**

- **Bachelor of Science in "Computer Engineering"**   **2009**   **16 YEARS**   **[1ˢᵗ Division]**
  Sir Syed University of Engineering and Technology, Karachi
  <u>Majors</u>: **Advanced Computer Architecture, System Programming I/II, Robotics, Software Engineering, OOP, Communication Systems, LDST, Comp. Sec., DS, FAT**
  <u>Specialization</u>: **RDBMS, Embedded Systems, CCN, Software Engineering, Wireless Networks**

Experience:

1) Working as **Network Administrator** in **University of Karachi (October 2018 – till date)**

   JOB DESCRIPTION:
   - ✓ Leading the technical operations of the Main Communication Network, the Central Data Network and Communication Department of the University.
   - ✓ Deploying, configuring and managing the whole ICT and communication setup at University of Karachi
   - ✓ Controlling and monitoring the Internet traffic i.e: with Next-Gen Firewall XG330 SOPHOS with Traffic Capturing, Monitoring and Shaping , IPS, IDS, Secure VPN's, Packet Filtration and etc
   - ✓ Strategizing the established LAN topologies
   - ✓ Technical Lead Assistance in the Virtual Learning one of the major contribution of University.
   - ✓ Technical Member of the University's ERP Committee, LMS(Moodle) deployment committee, Online Learning Committee and many others.
   - ✓ Technical Member of the committee on HEC's mega project the implementation of ICT

Infrastructure with responsibilities of deploying, configuring and leading the end-to-end a turn-key solution
- ✓ Development, Implementation, Configuration and Administration of ICT within the organization
- ✓ Defining procedures and policies
- ✓ Creating of strategic goals, convertible to easily implemented plans
- ✓ Deployments of Optical Fiber, with splicing and affixing of joint enclosures
- ✓ To provide the technical lead assistance in Virtual/Online Conferences
- ✓ Technically organizing the National and International Institutional webinars, online events, and other technical sessions

ADDITIONAL RESPONSIBILITIES:

- Head of the **"Central Telephone Exchange"** Analogue and IPT Infrastructure (2021 – till date)
- **Focal person – "Digital Learning and Skill Initiative (DLSEI-I & II)"** for the University twice since **2022 and 2023,** enrolled around 1000's of faculty members/staff/students to the HEC program, nominated by the Registrar
- **Focal Person – Information Science and Technology Department – ISTD (Govt. of Sindh)** for "IT Industry Academia Bridge Program" – 2023 nominated by the Vice Chancellor
- **Focal Person – SPPRA's E-procurement committee at Ministry of Universities and Boards, Govt. of Sindh"** – 2023 nominated by the Vice Chancellor

2) Working as **Technical Coordinator in Distance Education Program - UoK (January 2021 – till date)**

   JOB DESCRIPTION:
   - ✓ Technical assistance for the Directorate in smooth execution of the Programs.
   - ✓ Designing the office literature, Proformas, Certificates, Formats and Manuals
   - ✓ Ideas to organize in emerging as virtual courses, events and short term based certifications

3) Worked as **Assistant Manager IT** in **"ICCBS"**
   International Centre for Chemical & Biological Sciences (March 2015 – October 2018)

   JOB DESCRIPTION:
   - ✓ Planning, Organizing, Directing, Controlling and Evaluation of operations regarding Information Technology
   - ✓ Designing of IT Infrastructure, Strategizing of Roadmap, Direct, and coordinate the design, implementation and installations
   - ✓ Development, Implementation, Configuration and Administration of ICT with in the organization
   - ✓ Defining procedures and policies
   - ✓ Creating of strategic goals, convertible to easily implemented plans
   - ✓ Deployments of Optical Fiber, with splicing and affixing of joint enclosures
   - ✓ Technically organizing Webinars
   - ✓ Video Conferencing with CISCO telepresence system, Tandberg, Polycom
   - ✓ Technically organizing International and National Conferences and Workshops
   - ✓ Conducting Online Web-sessions, Online Lectures through Video Conferencing
   - ✓ Conducting Workshops and events through Adobe Connect 9, Cisco WebEx and other web conferencing facilities

4) **Visiting Faculty @Department of Microbiology (2023 – onwards)**
   - ✓ Computer System Applications *(BS Program)*

5) Visiting Faculty @Department of Physiology (2023 – onwards)
- ✓ Computer Applications *(BS Physio)*

6) Visiting Faculty @Department of Public Administration (2023 – onwards)
- ✓ System Analysis and Design *(BPA and MPA)*
- ✓ *Digital Eco System (BS-PA)*

7) Visiting Faculty @Department of Sindhi (2023 – onwards)
- ✓ Computer Applications *(BS Sindhi)*

8) Visiting Faculty @Department of General History (2023 – onwards)
- ✓ Computer Applications *(BS Gen. Hist.)*

9) Visiting Faculty @Department of Geology (2023 – onwards)
- ✓ Computer Applications *(BS Geology)*

10) Visiting Faculty @AIMS – Awaz Institute of Media Sciences (2022 – 2023)
- ✓ Network Security *(BS-SE)*

11) Visiting Faculty @Department of Public Administration – University of Karachi (2022 – till date)
- ✓ Cyber Security Laws and Ethics
- ✓ System Analysis and Design *(BPA and MPA)*
- ✓ *Project Management (MPA Morning)*

12) Visiting Faculty @Department of Computer Science – University of Karachi (2020 – till date)
- ✓ Data Communication and Networking *(MCS – Computer Science) 2020*
- ✓ Operating Systems *(MCS – Computer Science) 2021*
- ✓ Introduction to Computer Science *(PGD – UBIT) 2021*
- ✓ Concepts of Operating Systems *(BS – Software Engineering) 2022*
- ✓ Operating Systems *(BS – Software Engineering) 2023*

13) Visiting Faculty @Computer Science Department – M.A Jinnah University (2014 – 2015)
- ✓ Advance Routing Protocols *(M.S – Telecommunication and Networks)*
- ✓ ICS *(B.S – Computer Science)*
- ✓ Satellite Communications *(B.S – Telecom)*

OTHER RESPONSIBLILITIES:
- ✓ Taking care of the M.S. Research students enrolled for independent studies
- ✓ Handling Final Year Projects as being a member of FYP Committee of MAJU
- ✓ Organizing Computer Science monthly seminars

14) Worked as **"Network Engineer – Promoted as IT Team Lead" (October 2012 – December 2015)**

JOB DESCRIPTION:
- ✓ Planning, Organizing, Directing, Controlling and Evaluation of operations regarding Information Technology.
- ✓ Designing of IT Infrastructure, Strategizing of Roadmap, Direct, and coordinate the design, implementation and installations.
- ✓ To provide the company with technically sound support in troubleshooting.
- ✓ Development, Implementation, Configuration and Administration
- ✓ Defining policies and procedures.
- ✓ Creating of strategic goals and convert to easily implemented plans.
- ✓ Implementation of New Equipment's, Managing multiple areas of IT.

- ✓ Manage external vendor relationships and services as needed.
- ✓ Meet with managers to discuss system requirements, specifications, costs, timelines and support to ensure reliability.
- ✓ Performing connectivity of computer and network systems to ensure the stability, integrity and security of data.
- ✓ Define and improve all systems and operations processes.
- ✓ Managing internal/external application upgrades.
- ✓ To Ensuring timely and accurate delivery of technology products and services.
- ✓ Overseeing new system facilitation, current system enhancements
- ✓ Staffing, training, disciplining and performance
- ✓ Assigning duties to the I.T Staff
- ✓ Deployment, Installation, Configuration, Maintenance & Troubleshooting of network
- ✓ TCP/IP Suit/ FTP/SFTP/CRM Server Management on IBM LOTUS 8.5
- ✓ VoIP Solution PRI Physical end /SIP / ASTRISK Server/ Grand stream H/W deployment, IP Phone configurations.
- ✓ Managing the whole passive end appliances and equipment's.
- ✓ NVR/DVR/IP Camera management and H/W implementation.
- ✓ Maintaining VC Links and Que-metric teller m/c configuration and installations.

15) Worked as **"IT/Network Engineer" – Software Technology Innovator's - STI (Nov 2008 – Oct 2012)**

- ✓ Worked with one of the large network of Karachi to provide technical support to the campus wide network comprising over approx.1200 nodes
- ✓ Troubleshooting connectivity issues on a variety of manageable switches like Cisco and 3Com, Routers Cisco L2 and L3 Switches at Core Layer and Distribution Layer
- ✓ Installation, assembly and maintenance of network devices of different types from cables UTP, Coax, I/O and Access Point's configurations

Experience
During Academia:

1) **TA Ship for Junior batches of Computer Engineering Department – CCN Labs**
   (January 2008 – June 2008)

- ✓ 6 months Teacher Assistant Ship for CED students to demonstrate on Networks, *topics;* access technologies, applications and standards including TCP/IP concepts, (IPV4 & IPV6), routing protocols (RIP, EIGRP, OSPF, ISIS & BGP) & latest technologies (MPLS, VoIP & QoS)

2) **TA Ship for Junior batches of Computer Engineering Department – DS Labs**
   (January 2007 – June 2007)

- ✓ 6 months Teacher Assistant Ship in Computer Engineering Department for the Course "Data Structures" to demonstrate the Theory of Algorithms and DS

3) **Worked as Database Assistant – @UC6 NKT, CDGK**
   (January 2006 – January 2007)

- ✓ Building and marinating all over the consulting database

- ✓ Updating, Modifying the record with defining self-based algorithms, methods to control Databases
- ✓ Manipulation of whole ongoing project *(Project made by: Org. +O plus)* a small team belongs to me as a leadership

Skills:

Operating Systems:	Hardware:
Ubuntu, Linux Mint 14, Open Suse, KOHA MS-DOS, Win3.1/3.11/95/97/98/Whistler/ XP/7/8/8.1/10	Assembling, Partitioning / Disk Data Recovery BIOS Config and Updates, GHOST, Video Conferencing
Programming Languages:	**Graphics:**
WordStar, GWBASIC, TC++, VB6, JAVA, SQL, PL/SQL, UML with Rational Rose	Adobe PSCS, AutoCAD, MS Publisher, MS Visio, EDRAW Max 7.3
Networks:	**Web Applications:**
Win Server 2000/2003/2008/2012/2016 R2. LAN and WAN Technologies, CISCO L2 and 3 Switches, Voice, SIP Server, IMAP/POP Emailing through MS-Exchange, Boson NetSim, Packet Tracer, GNS3,ISA Server, RUCKUS AP's and Controller, MS-WDS, AD, ADDNS, DHCP Server, DNS, Hyper-V, VM Ware, Fusion Compute – Huawei, Amazon Cloud, Microsoft Azure, VMWARE, virtualization	HTML,CSS, MS FrontPage, Dreamweaver, WordPress, Bootstrap, XAMMP,WAMP Local Server Hosting, Data Migrations DNS Propagations, Hosting/Cloud Server, O365, Management (AWS, Bluehost, GoDaddy, In-motion VPS and Dedicated Servers), AWS-Web Services Solution Architect Associate
Security:	**Web / Video Conferencing:**
iNGFW, Firewalls(SOPHOS UTM, SOPHOS XG 330 FW, Hillstone Intelligent NGFW, PFSense, FortiGate), Web Security(IP Cop., Trend Office), CCTV Monitoring and Configuration, Wireshark, Symantec End-Point Protection, Bit Defender, SolarWinds Monitoring with NMP and NTA, PRTG, Zabbix NMS & NTA, Cisco TREX	Logitech Rally, Citrix, MS-Teams, Zoom, G-Meet, Huawei IDEA Hub, Cisco BMS, Webex, Cisco Room Kit Pro/Room Kit Plus, SIP, H.232

Projects:

❖ **Digitalization of Examination System Procurement of Hardware / Software and Services for "Board of Intermediate Secondary Education"**

Tenure: 2021-Onwards
My Role: Technical Member of the Committee
Aim & Objective of the Project:

To Digitalize and Computerized the Examination System of Board of Intermediate Secondary Education procuring the Hardware, Software and Services for the technical proposal

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❖ **SIREN: Sindh Innovation Research & Education Network**
(A Project of Sindh Government)

Tenure: Three Years (2018-2021)
Volume: 198.6 Million PKR
My Role: Technical Head
Aim & Objective of the Project:

The establishment of "Sindh Innovation, Research, and Education Network (SIREN)" would be first initiative of province for wide Distance–less Education program in Pakistan to propagate knowledge and to improve the quality of education in the province of Sindh. This network will be established in collaboration of Higher Education Commission, Sindh. The proposed SIREN would link all universities of Sindh and their campuses, and later colleges and schools as well, through the most modern, yet cost effective, technologies which will enable everyone to be engaged in learning, teaching, and research activities through the focal center LEJNSIC. The network will develop capacity building in modern pedagogical courses and training workshops by leading educationists of the world, curriculum-based lectures, and courses by the best Pakistani and Foreign teachers in every discipline. This will result in the creation of working groups of researchers in various disciplines, and arrangement of periodic meetings to foster research partnerships and collaboration. Courses on Intellectual Property Rights (IPR), innovation ecosystem, entrepreneurship, incubation of technologies, and other advanced topics will all be offered through the SIREN

❖ **ICT Infrastructure Revamping for the whole University of Karachi**
(A Project of HEC Pakistan)

Year: 2018-2020
Volume: 192.08 Million PKR
Aim & Objective of the Project:

HEC funded project titled *'Improvement of academic facilities at University of Karachi'* as Supply, Installation, Configuration, Deployment, Testing, Commissioning the whole ICT Infrastructure for University Of Karachi
My Role: Administrative and Technical Head
Responsibilities: - Designing the Internet and Intranet Topology with backbone Ring of Optical Fiber
　　　　　　　　　- Preparing the Technical RFP and design of required appliances and the BoQ
　　　　　　　　　- Evaluation of Bids

❖ **LEJ Knowledge Hub: Latif Ebrahim Jamal Education and Knowledge Hub**
(A Project of Eminent Scientist: Prof. Dr. Atta-Ur-Rahman)
Nishan-e-Imtiaz, Hilal-e-Imtiaz, Sitara-e-Imtiaz

Aim & Objective of the Project:

"LEJ Knowledge Hub" an open learning platform with integrated MOOC's approach. The unique feature of this approach is to integrate thousands of video lecture or full courses from top Universities around the world (MIT, Udacity, Stanford Engineering Everywhere, Open Yale Courses, NPTEL, Khan Academy, Virtual University of Pakistan and other universities) at different levels, i.e. school, college, undergraduate, graduate and in various fields. Anyone can have free and ready access to the required fields of study and without any need to access to different MOOCs. They will have access to the best and carefully selected lectures and courses in their chosen disciplines. The rights for free broadcasting and non-commercial dissemination have also been obtained.

The compilation and integration of lej4learning is directly supervised by most celebrated scientists of Pakistan, Prof. Dr. Atta–Ur-Rahman FRS and Prof. Dr. M. Iqbal Choudhary as a monumental service to the nation and world at large.

❖ **Setting-up Huawei's HAINA ICT Academy at University of Karachi**
   (A joint venture Project of HEC Pakistan and Huawei Telecom, China)
Year: 2019
Aim & Objective of the Project: Training, Knowledge Transfer and Skill development
My Role: Technical Head
Responsibilities: Setting up and managing the HAINA Lab with Huawei officials

❖ **Azure Cloud Services at University of Karachi:**
Aim & Objective of the Project: Setting up Cloud Computing for High-Performance Compute and Big Data specially in Genomics Research Lab in University of Karachi
My Role: ICT Head

❖ **ICT Infrastructure deployments in Technology Park and Technology Incubation Center:**
                                                        (A Project of Government of Sindh)
Tenure: Three Years (2018-2021)
Volume: 28.8 Million PKR
Aim & Objective of the Project: Providing a Platform to the Tech Startups / Entrepreneurs.
My Role: Technical Head
Responsibilities: Design and Deployment of the whole ICT infrastructure for the Incubation Center

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❖ **Setting-up the IT Services and Infrastructure in First Virology Center of Pakistan**
                        (A Project of Dr. Panjwani Center for Molecular Medicine, Karachi)
Tenure: Three Years (2018-2021)
Volume: 43.22 Million PKR
Aim & Objective of the Project: First of its Kind Virology Center in Pakistan, To find the different genes of newly emerged Viruses
My Role: Technical Head
Responsibilities: Installations, Design and Deployment of the whole ICT infrastructure for the Center

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❖ **ICCTV Surveillance Project for University of Karachi**

Year: 2022-2023
Volume: 23.05 Million PKR
Aim & Objective of the Project:
Project entitled *'Improvement of CCTV Surveillance and Security facilities at University of Karachi'* as Supply, Installation, Configuration, Deployment, Testing, Commissioning the CCTV and Access systems
My Role: Technical Member
Responsibilities: - Designing the Topology with backbone Ring of Optical Fiber
                - Preparing the architect level technology drawings, Technical RFP and design of required appliances and the BoQ
                - Evaluation of Bids and completion

Contributions:

- Reviewer and Contributor of National "Technology Policy" for Pakistan through Cabinet Division, the policy entitled **"Pakistan Security Standard for Cryptographic & Information Technology Security Devices"** as **PSS-IT Security Guide Book,** devised with National Telecom & Information Technology Security Board (NTISB) *Ref: https://cabinet.gov.pk/download*

- Reviewer and Contributor in formulation of National Technology Policy for Pakistan via Cabinet Division, the policy entitled **"Pakistan Security Standard for Cryptographic & Information Technology Security Devices"** as **Cryptographic Security Guide Book**, devised with National Telecom & Information Technology Security Board (NTISB) *Ref: https://cabinet.gov.pk/download*

Focal Person:

- Focal Person for Information Science and Technology Department for their program "IT Industry Academia Bridge Program – 2023" Provincial Ministry of IT
- Point of contact for all of the services of Higher Education Commission(HEC) running in University
- Principal contact for Microsoft Pakistan in the University for all new initiatives in HEI's and Universities
- Focal Person for HEC's Digital Learning and Skill Enrichment Initiative(DLSEI) Phase-I and Phase-II
- Technical Committee Member for surveillance and CCTV of Central security office of the campus
- Procurement member for Dawood University of Engineering and Technology
- External IT Expert in the committee of Sindh Public Procurement Authority(SPPRA) for the project of USAID for SePS in SPPRA deployment E-procurement at whole province of Sindh
- Member as ICT Expert for the technical committee of MADADGAR 15, Sindh Police
- IT Consultant for the IT executive committee of Board of Intermediate Secondary Education (BIE, Karachi)
- Focal Person for E-Procurement committee of SPPRA Sindh
- Professional Member for Technical Education Board, Govt of Sindh for "Center for Curriculum Research & Development" in SBTE (Sindh Board of Technical Education, Sindh) for the 3-years diploma program DAE in Blockchain Technology

Professional Trainings / Certifications / Int'l Exams:

- ❖ **AWS – Certified Solution Architect Associate (SAA) –** *Certified*
  (Certificate Validation No. W54CQMYCVJFQQ03J)

- ❖ **Aviatrix Certified Engineer – Multi Cloud Network Associate –** *Certified*
  (Certificate No. cert_456j1s2g)

- ❖ **Fusion Cloud Computing – Huawei** [Huawei University, China]

- ❖ **ITIL V3.0 –** *Complete Training*   [CTTC]

- ❖ **CCNA 7.0 (640 - 802) –** *Complete Training* [Pakistan Navy Engineering College]

❖ **MCP – Microsoft Certified Professional** – *Certified*
(Certificate No. #H195-4691)

❖ **MCSA – Microsoft® Certified Solutions Associate:**
  ✓ **740 – Installation, Storage and Compute with Windows Server 2016** – *Certified*
  (Certificate No. #H195-4691)
  ✓ **741 – Networking with Windows Server 2016** – *Certified*
  (Certificate No. #H195-4691)
  ✓ **742 – Identity with Windows Server 2016** – *Certified*
  (Certificate No. #H195-4691)

❖ **MCSE – Microsoft® Certified Solutions Expert:**
  ✓ **345 – Designing and Deploying Microsoft Exchange Server 2016** – *Certified*
  (Certificate No. #H195-4825)

❖ **OCA / OCP: Oracle Certified Associate/Professional**
  ✓ **IZO-007 – Oracle 9*i* SQL** – *Complete Training*
  ✓ **IZO-047 – Oracle 10*g* PL/SQL** – *Complete Training*

❖ **Bureau Veritas Certifications**
  ✓ *ISO 9001:2015 (Quality Management Services)*
  Certificate No. # BVC/PAK/TRNG/IAB-(01&02)-06

❖ **SPPRA Certified (Sindh Public Procurement Regulatory Authority)**
  ✓ **MOOCS Certified for Pubic Procurement Processes in Sindh Government**

❖ **Certified Fortinet Network Security Expert Program – (NSE)**
  ✓ **NSE1 –** Network Security Associate (Level-1) **–** *Certified*
  (Certificate No. #7jsqaJaJlu)
  ✓ **NSE2 –** Network Security Associate (Level-2) **–** *Certified*
  (Certificate No. #xWrhnDlz2B)

❖ **ICSI – International Cyber Security Institute**
  ✓ **CNSS – Certified Network Security Specialist –** *Certified*
  (Certificate No. #18733392)

Conferences / Workshops:

- **IEEE – INMIC 2011** – Multi Topic Conference for Electrical and Electronics engineers Worldwide *2011*.
- **Participant** – Business Administration Society Seminar M.A.J.U *2013*
- **Organizer** – Seminar on Microsoft Technologies including Cloud based freelancing @M.A.J.U *2014*
- **Workshop** – Financial Management for Engineers, Determinants of Success for organization excellence, by IEP (Institution of Engineers, Pakistan) *24 Jan 2015*
- **Technical Organizer** – Pak – France International Conference *2015* held at International Center for Chemical and Biological Sciences.
- **IEEE – KSYWC - 2015** – Congress held in Karachi, Pakistan December - *2015*.
- **Technical Organizer** – International workshop sessions through webinar in ICCBS, with collaboration with CRDF Global U.S.A., *2015*

- **Organizer -** IEEE – PSYWC 16 – Served as IEEE Young Professional organizer, congress held in Karachi, Pakistan *29 Sept – 1 Oct, 2016*
- **Technical Organizer** – International workshop for Scientific Writing, ICCBS University of Karachi
- **Participant** – **Finance for Engineers** (PEC approved: 0.5 CPD) IEP Center Karachi, *21 May 2016*
- **Participant** – **Power System Blackout Avoidance – Technical Measures and Strategies** (PEC approved: 0.5 CPD) IEP Center Karachi, *14 Feb 2015*
- **Technical Organizer – Series of Webinars from CRDF Global and Sandia National Labs.,** USA, *2016*
- **Participant: The 3ʳᵈ National Conference on Space Science & Technology (NCSST-2015)** held on *October 5-6, 2015* organized by **Institute of Space and Planetary Astrophysics (ISPA),** Karachi, Pakistan
- **Participant** – Astronomical Sciences Workshop **- Applied Economic Research Center *2016***
- **Technical Organizer - Pak-France International Conference on Scientific Research *2016***
- **Participant** – **Performance System Measurement of a Supply Chain and its Integration** (PEC approved: 0.5 CPD) IEP Center Karachi, *28 May 2016*
- **Delegate** – IEEC - 1ˢᵗ International Electrical Engineering Congress on Innovation and Advances in Electrical Engineering(1.0 CPD) organized by: PEC, IEEE, NED and IEP, *13-14 May 2016*
- **Participant** – PEC 1.0 CPD Workshop, **Mobile communication and Emerging Techniques** *Nov 30, 2015*
- **Delegate** – **Seminar on "Project Planning and Controls – The way of Good Governance"** (0.5 CPD) IEP *19ᵗʰ August, 2017*
- **Participant** – Half Day Seminar on **"A Look at Pakistan's Journey in Technology Development Some Thoughts and Recollections"** *26ᵗʰ August, 2017*
- **Delegate** – *7th International Conference on Information & Communication Technologies* (**ICICT 2017**), *30ᵗʰ – 31ˢᵗ December 2017*
- **Organizer – At "IBRO International Conference" UoK**
- **Participant** – **Communication Skills for Engineers** (0.5 CPD) IEP, *22 Apr 2017*
- **Seminar on "Project Planning and Controls – The way of Good Governance"** (0.5 CPD) IEP *19ᵗʰ August, 2017*
- **Representative of UoK** – **Digitization Initiative in Universities, Gaps, suggestions and way forward** (Workshop proceedings 24-04-2019 & 25-04-2019), NED University of Engg: and Technology.
- **Active Participant** – 3-days long Knowledge Transfer Session on **"Microsoft Dynamics 365"** organized by **Microsoft Pakistan** and **HEC Pakistan,** 08 April 2019
- **Participant – Asia's Largest Hybrid Leadership & Entrepreneurship Summit 2021** YIC Leadership & Entrepreneurship Summit 2021 (Virtual Edition) with the theme of "The role of Entrepreneurship & Leadership in Promoting Innovation & Technology"
- **Organizer –** International conference on **"Afghanistan under Taliban: Implication for Pakistan and the Region - 2021"** organized by Department of International Relations, University of Karachi on 04th November, 2021
- **Organizer –** ONE DAY International conference on **"Violence against women in Pakistan" jointly organized by UoK and United Nations Organizations(UNO) 25ᵗʰ November, 2021 at Dean Faculty of Arts and Social Science**
- **Participant – International Symposium** on **Digital Technologies**, 19ᵗʰ – 20ᵗʰ January 2022
- **Certificate of Appreciation –** as Organizer for the "**3ʳᵈ PROBE-2022 – Physiology" Biennial Conference** held in 2022
- **Participant – Workshop** on **"Dissecting the scholarly publishing process"** A current overview on the steps to getting published 26ᵗʰ January 2022
- **Bootcamp Participant – Microsoft 365 Training Bootcamp** held, Nov 15 & 16, 2022
- **Bootcamp Participant – Microsoft Artificial intelligence (AI) in education,** Training Bootcamp held, Nov 17 & 18, 2022
- Attended the Workshop by **WILEY – Dissecting the Scholarly Publishing Process,** 26 January, 2022

- **International Symposium** on **"Digital Technologies for the Future World"** January 19-20, 2022 **OIC Ministerial Standing Committee** on Scientific and Technological Cooperation **(COMSTECH)**
- **Shield of Honor –** by **Calcix International,** on mentoring the **Calcix Intl. Gemology** on January, 13th 2022
- **Certificate of Appreciation –** by **Calcix International,** on Gemology Awareness held on January, 13th 2022
- **Certificate of Appreciation as Organizer –** ONE DAY International conference on **"Gender Equality for a Sustainable tomorrow"** jointly organized by **Sindh Employees Social Security Institution**, held on 08 March 2022
- **Technical Organizer – Seminar** entitled **"Promoting inclusive growth in the middle east and North Africa"** jointly organized by the Applied Economic Research Center(AERC) and International Monetary Fund(IMF) February – 2023
- **Participated as National Judges – National Ideas Bank(NIB-2023)** held at SSUET Karachi, 20th March 2023
- **Certificate of Recognition –** by **Commtel Systems** for **"Implementing VideoCon. Infrastructure"** under SIREN Project Phase-I
- **International Symposium** on **"Digital Technologies for the Future World"** January 19-20, 2022 organized by **OIC Ministerial Standing Committee** on Scientific and Technological Cooperation **(COMSTECH)**
- **Technical Organizer - International Conference** on **"Transformation of Ideas in Pakistan's Political Culture (ICTIPPC-24)** February 20-21, 2024

Distinctions / Awards:

- **First Position** in whole Sindh Calligraphy and Painting *(Category: Sketching/Markers) Year - 2001*
- **Second Position** in Calligraphy and Painting *(Category: Oil / Tube paints + Sketch) Year - 2000*
- **T.A ship** in SSUET consecutively for two years, *2006 & 2007*
- **Scholarship** in **MS(C.E)** Program for 2nd and 3rd semester 2012

Memberships / Societies:

- ✓ **Member – Technical Committee PSQCA –** (ICT-TC6)
- ✓ **International Member - Internet Society** (ID: 2177670, Region: Asia-Pacific)
- ✓ **Member – PEC** (Pakistan Engineering Council)
- ✓ **Permanent Member – IEP** (Institution of Engineers Pakistan)
- ✓ **Young Professional – IEEE** (Institution of Electrical and Electronic Engineers, USA)
- ✓ **Member – Computer Society IEEE** (Institution of Electrical and Electronic Engineers, USA)
- ✓ **Technical Workshop Coordinator for Year 2016** – YP, Karachi Section, IEEE, Pakistan
- ✓ **Young Professional – Technical Visit Organizer for Year 2017,** Region 10(Asia Pacific), IEEE, Int.
- ✓ **Young Professional – Technical Event Organizer for Year 2018,** IEEE Karachi Section, IEEE Int.
- ✓ **Young Professional – Emerging Leader for Year 2019,** IEEE Karachi Section, IEEE Int.
- ✓ **Associate Member – AMUOBA** (Aligarh Muslims University Old Boys Association)
- ✓ **Member – Lions Club International**
- ✓ **Member – IMRTC** (International Management Research & Technology Consortium – USA Membership ID :: IndApp_RT_590250)

Honorary Entitlement(s):

- ✓ **Chairman Technical Committee** for "ICT-TC6" **(ISO/IEC-JTC1/SC 17)**
  Cards & Security Devices for Personal Identification
  IT & ICT Division
  Directorate of Standardization
  Standards Development Centre (SDC)
  Pakistan Standards & Quality Control Authority
  Ministry of Science and Technology
  Government of Pakistan

- ✓ **Judge**
  IT Sector
  National Idea Bank – 2023
  Among a pool of 300 highly qualified, world-class experts from across the Country and abroad. Voluntarily helping new generation to fulfill their dreams by solving problems of national significance.
  Ministry of IT and Telecommunication
  Government of Pakistan

References:
- ➤ *Prof. Dr. Khalid M. Khan (Tamgha-e-Imtiaz),* Senior Prof. ICCBS, University of Karachi
- ➤ *Prof. Dr. Hilal Qureshi*, Chairman CS Department, Aligarh Institute of Technology
- ➤ *Assoc. Prof. Abdul Khalique Khan,* Director Student Affairs, CED/SSUET

   (Address and phone numbers may be provided when required)