Waheed ur Rehman - Curriculum Vitae

Born: 12th February 1979
Status: Assistant Professor
Fields: Computer Science
Email: wahrehman@uop.edu.pk
Languages: English, Pushto, Urdu, Mandarin
Contact: Department of Computer Science
University of Peshawar, Peshawar, Pakistan.
+923339215131



An experienced and dedicated teacher and researcher with over 18+ years of teaching experience, bringing advanced instructional skills and extensive departmental leadership expertise. Goal-oriented, with a focus on enhanced teaching methodologies and course modernization. Possesses excellent administrative, verbal, and written communication skills, coupled with a proven track record in curriculum design for both graduate and undergraduate programs.

Summary

18+	Total Research and Teaching Experience
51	Total Research Publications including journals and conferences
30	Total SCI Journal and HEC Recognized Publications
90+	Cumulative Impact Factor
850+	Total Citations
13/23	h-/i10-index
3	Research Projects and Lab funding
2	Patents-A Chinese and US Patents
16	Conferences and Training Attended
14	Total Number of Graduated MS/Ph.D. Students
6	Invited Talks at different Venues

Education

2011-2015 — **PhD (Communication and Information System)** — *Beijing, China*
Beijing University of Posts and Telecommunication
Supervisor: Prof. Tao Xiaofeng
Dissertation: Cooperative relay selection for improved resource allocation in 60-GHz Networks.

2005-2007 — **Master's Degree (Broadband and High-Speed Data Communication)** — *London, UK*
University of Westminster
Supervisor: Dr. Mahi Lohi
Master's Thesis: Improving end-to-end delays in VoIP Communication

2001-2002 **Master's Degree (Computer Science)** *Peshawar, Pakistan*
University of Peshawar
MSc Computer Science

Work experience

19th Feb 2010-present **Assistant Professor** *Peshawar, Pakistan*
Department of Computer Science, University of Peshawar

- Instruct graduate and undergraduate levels; supervise research/projects.
- Act as BS-CS Program Coordinator, leading Department Accreditation and SAR Committees.
- Design curriculum updates for both graduate and undergraduate programs.
- Utilize innovative methods to foster learning objectives; guide student internships and opportunities.
- Conduct research for academic writing and support struggling students outside of class.
- Vary teaching approaches to include experiments, practical activities, discussions, and projects.
- Evaluate quizzes, tests, homework, and projects, providing timely feedback.
- Engaging in-class discussions to encourage participation and enhance learning.

1st Jun 2017- 28th May 2018 **Research Associate** *Beijing, China*
Beijing University of Posts and Telecommunication

- Worked with Prof. Tao Xiaofeng in the area of wireless networks.
- Arranged Seminars and talks regarding the current issues and challenges in B5G networks.
- Gathered, organized and corrected research data to create representative graphs and charts highlighting results for presentations.
- Assisted the team in meeting regulatory requirements by coordinating documentation and filings.
- Wrote research papers, reports, reviews, and summaries.

10th Nov 2008-11th Feb 2010 **Lecturer** *Kohat, Pakistan*
Kohat University of Science and Technology

- Teaching to undergraduate students
- Exam coordinator to schedule and manage exams
- Member of the FYP committee to improve students' projects
- Supervising FYPs of undergraduate students

30th Jan 2008-8th Nov 2008 **Lecturer** *Peshawar, Pakistan*
Department of Computer Science, University of Peshawar

- Teaching computer core subjects to undergraduate students
- Teaching courses such as programming fundamentals, automata theory, data structures, AI, computer networks, compiler construction
- Working as a project coordinator to streamline the FYP structure and quality

15th Dec 2001-25th Dec 2003 **Computer Programmer** *Peshawar, Pakistan*
Management Information Cell, University of Peshawar

- Developing software using Visual Basic, especially for the exam section
- Managing university admissions
- Working on various reports as per university needs

2002-2011 **Visiting Lecturer** *Peshawar, Pakistan*
Different Universities
Worked as a visiting lecturer to various departments/universities including

- Institute of Management Studies, University of Peshawar, Pakistan.
- Sarhad University of Science and Information Technology, Peshawar.
- Institute of Management Sciences, Peshawar, Pakistan.
- IBMS, Agriculture University, Peshawar, Pakistan.

Honors and Awards

2022	Interdisciplinary Research Training Center (IRTC Approved Supervisor (DoST KP))
2015	BUPT Outstanding Graduate Award at PhD-2015
2011-2015	Recipient of Chinese Government Scholarship during PhD 2011-2015
2005	Recipient of University of Westminster International Part Fee Scholarship, UK (MSc)-2005
2000-2002	Recipient of President Talent Farming Scheme Scholarship, Pakistan (MSc) 2000-2002

Research Projects

2024	Collaborating with Dr. Ikram ud Din, Associate Professor, Department of Computer Science, University of Haripur, Pakistan. Working on the research project "AI-Driven Security in 6G Networks" (Status: Running).
2022	Working as an administrator of the Smart ClassRoom Project, which was a collaborative project between Huawei, HEC, and the University of Peshawar (Status: Running).
2022	Adminstrator Smart Class Room Project as a collaborative effort between Huawei, HEC, and the University of Peshawar. (Status: Running).

2019 Established the Huawei ICT Academy at the Department of Computer Science, University of Peshawar after a competitive evaluation of the submitted proposal and defense. Currently, I am overseeing the operation of research labs focused on addressing cybersecurity challenges in future wireless networks (Status: running)

2019 Collaborated on a research project with Prof. Tao Xiaofeng at Beijing University of Posts and Telecommunication, China, as part of the National Science and Technology Major Project, Beijing Natural Science Foundation, 111 Projects of China, and the National Natural Science Foundation. The project focused on "Low Latency and Reliable Communication Networks." (Status: Closed-From March 2019-June 2019)

List of Patents

15-03-2016 US Patent entitled **Method for Frequency Reuse in Cellular Network**, US patent number US9288678B2(https://patentimages.storage.googleapis.com/c2/ba/fa/e9f37d34f26f4d/US9288678.pdf)

05-03-2015 World Intellectual Property Organization (WIPO) Patent entitled **Resource Allocation Method and Device** (https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2015027647) Publication No. WO/2015/027647, International Application No.PCT/CN2013/090158 (published under my Chinese name Rui Man 瑞曼)

Journal Publications

SCI Journal SUBMITTED **Optimizing Energy Efficiency in E-commerce with Context-Aware Blockchain Network Scalability** Waheed ur Rehman et. al IEEE Transaction on Consumer Electronics (IF 4.2)

SCI Journal SUBMITTED **Cache Enabled Small Cell Network: A Survey** Waheed ur Rehman et. al IEEE ACCESS

HEC Recognized 12-08-2025 **Security Issues and Research Opportunities in Wireless Body Area Networks** Qazi Ejaz Ali, Abdul Haseeb Malik, Waheed Ur Rehman, et al. International Journal of Innovations in Science & Technology, Vol. 7, No. 3, pp. 1881-1894

SCI Journal 03-09-2025 **On Improving Traffic Management in Small Cell Network Using a Novel Uplink Caching Framework** Sufyan, M.M.A.E., Ur Rehman, W., et al. Journal of Intelligent Communication. Vol. 4, No.2, pp.59–73 (IF 0.4)

HEC Recognized 29-05-2025 **Optimized Mode Selection in D2D Enabled B5G Networks: A Game Theory Approach** M. Iqbal, Waheed Ur Rehman, et al. International Journal of Innovations in Science & Technology, Vol. 7, No. 2, pp. 1039-1054

SCI Journal 28-05-2025 **ERMV: Efficient Revocation of Malicious Vehicles in MANET** Mahtab, Q.E. Ali, F. Iqbal, Waheed ur Rehman, et al. Journal of Hunan University (Natural Sciences), Vol 52, No. 4 (IF 1.080)

SCI Journal 15-11-2024 **Cooperative Dew Computing for Computational Offloading in Healthcare Monitoring** Tabinda Salam, Waheed ur Rehman, et al. IEEE ACCESS (IF 2.9)

SCI Journal 04-04-2024 **Cooperative Distributed Uplink Cache over B5G small cell networks** Waheed Ur Rehman, Mubarak Mohammed Al-Ezzi Sufyan, Tabinda Salam et al. PLoS ONE 19(4). pp. e0299690 (IF 2.776)

HEC Recognized 30-07-2024 **HES: Hash-Based Efficient Secure Model For Vehicular Ad Hoc Network** Ali, Q. E., Hussain, M., Ahmad, I., Waheed Ur Rehman, Malik, A. H, Salam, T. Pakistan Journal of Engineering, Technology and Science, 12(1), 156-163.

SCI Journal 10-11-2023	**Distributed Multi-Agent Approach for Achieving Energy Efficiency and Computational Offloading in MECNs Using Asynchronous Advantage Actor-Critic** Khan I, Raza S, Ullah R, Rehman WU, Rehman SU, Tao X. Electronics 12, no. 22: 4605. https://doi.org/10.3390/electronics12224605 (IF 2.9)
SCI Journal 04-05-2023	**A Deep learning-based Algorithm for energy and performance optimization of computational offloading in MEC** Khan I, Raza S, Rehman WU, Khan R, Nahida K, Tao X.Wireless Communications and Mobile Computing.Vol 2023, ID 1357343. (IF 2.146)
SCI Journal 17/05/2022	**A Distributed uplink cache for improved energy and spectral efficiency in B5G small cell network** Sufyan MMAE, Rehman WU, Salam T, et al. PLoS ONE 17(5): (IF 2.776)
SCI Journal 08/03/2022	**The Impact of Design on improved learning in Virtual Works: An Experimental Study** U. Farooq, I. Rabbi, S. Akbar, K. Zia, W. U. Rehman, Multimedia Tools and Applications.(IF 2.757)
SCI Journal 29/10/2021	**Duplication Elimination in Cache-Uplink Transmission over B5G Small Cell Network** Mubarak Sufyan, Waheed Ur Rehman et. al., EURASIP Journal on Wireless Communications and Networking, 2021. (IF 1.408)
SCI Journal 28/04/2020	**Advanced Energy-Efficient Computation Offloading Using Deep Reinforcement Learning in MTC Edge Computing** I. Khan, X. Tao, G. M. S. Rahman, W. U. Rehman and T. Salam, in IEEE Access, vol. 8, pp. 82867-82875, (IF 4.0098)
SCI Journal 26/04/2020	**θ- Sensitive k-Anonymity: An Anonymization Model for IoT based Electronic Health Records** Khan, R.; Tao, X.; Anjum, A.; Kanwal, T.; Malik, S.R.; Khan, A.; Rehman, W.U.; Maple, C. Electronics, 9, 716. (IF 2.412)
SCI Journal 13/11/2020	**(τ, m)-sliced Bucket privacy model for sequential anonymization for improving privacy and utility.** Khan, R, Tao, X, Anjum, A,Malik,S, Yu, S, Khan,A, Rehman,WU et al. Transaction on Emerging Telecommunication Technologies.(IF 1.594)
SCI Journal 17/02/2020	**Improved Resource Allocation in 5G MTC Networks** Waheed ur Rehman, Tabinda Salam et al. IEEE ACCESS, Feb 2020. (IF 4.0098)
SCI Journal 19/09/2019	**RCER: Reliable Cluster-based Energy-aware Routing protocol for heterogeneous Wireless Sensor Networks** Khalid Haseeb, Naveed Abbas, Muhammad Qaisar Saleem, Osama E. Sheta, Khalid Awan, Naveed Islam, Waheed ur Rehman, Tabinda Salam, PLOS ONE 14(9): (IF 2.776)
SCI Journal 22/08/2019	**ASPA: Advanced Strong Pseudonym-based Authentication in Intelligent Transport System.** Ali QE, Ahmad N, Malik AH, Rehman WU, et al. PLOS ONE 14(8).(IF 2.776)
SCI Journal 01/04/2019	**Data Aggregation in Massive Machine Type Communication: Challenges and Solutions** T. Salam, W. U. Rehman et al.,in IEEE Access, vol. 7, pp. 41921-41946.(IF 4.098)
SCI Journal 17/10/2018	**Issues, Challenges, and Research Opportunities in Intelligent Transport System for Security and Privacy** Q.E. Ali, N. Ahmad, A. H. Malik, G. Ali, W. U. Rehman, Applied Sciences vol (8), no. (10):1964. (IF 2.217)
SCI Journal 10/01/2018	**Cooperative Data Aggregation and Dynamic Resource Allocation for Massive MTC** T. Salam, W. U. Rehman et al.,in IEEE Access, vol. 6, pp. 4145-4158. (IF 4.098)
SCI Journal 06/09/2017	**A trust framework based smart aggregation for machine type communication** T. Salam, W. ur Rehman, X. Tao et al. Science China Information Sciences. 60: 100306. (IF: 2.188)
SCI Journal 22/08/2017	**Resource allocation for two-way amplify and forward OFDM relay networks** Z. Liu, X. Tao and W. ur Rehman, in China Communications, vol. 14, no. 8, pp. 76-82. (IF 1.514)
SCI Journal 01/03/2015	**Capacity Enhancement in 60 GHz Based D2D Networks by Relay Selection and Scheduling** Waheed ur Rehman, Tabinda Salam, et. al., International Journal of Antennas and Propagation, vol. 2015, Article ID 205163, 15 pages. (IF 1.347)

SCI Journal
04/04/2014

Analysis and design of handover in multicell cooperation networks: a field trial X. Tao, D. Wu, W. U. Rehman et al. Chinese Science Bulletin 59: 2065. (IF 6.227)

SCI Journal
31/10/2014

A dynamic coalition formation framework for interference management in dense small-cell networks Ahmed, M., Wang, W., Zhang, B., Sun, C., Ahmad, I., Rehman, W. u., et. al.Transactions on Emerging Telecommunication Technologies, 26: 718– 731. (IF 1.606)

SCI Journal
27/02/2014

Power Budget Analysis of Colorless Hybrid WDM/TDM-PON Scheme Using Downstream DPSK and Re-modulated Upstream OOK Data Signals Yousaf khan, Muhammad Idress Afridi, Ahmed Mudassir Khan, Waheed ur Rehman, Jahanzeb Khan. Journal of Optical Communication. Volume 35, Issue 3, Pages 231–237. (IF 1.887)

ESCI Journal
28/02/2014

Optimal energy-efficient power allocation with physical network coding in 60GHz OFDM system Zhijun Liu, Xiaofeng Tao, Waheed ur Rehman, Xiaodong Xu. IEICE Communications Express. Volume 3, Issue 2, Pages 86-91. (IF 0.3)

SCI Journal
16/04/2013

A Generic Mathematical Model Based on Fuzzy Set Theory for Frequency Reuse in Cellular Networks X. Tao, F. Xu, W. u. Rehman, Y. Xu and X. Li. IEEE Journal on Selected Areas in Communications, vol. 31, no. 5, pp. 861-869. (IF 7.172)

Other Journal
01-12-2011

A Handoff using Guard Channels Scheme (HGCS) for Cognitive Radio Networks" M. Aman, S. Mahfooz and W. ur Rehman, ", Global Journal of Computer Science and Technology Volume 11, Issue 20.

Conference Papers

Other Conference
2023

Cooperative Distributed Uplink Cache over B5G Small Cell Networks W. ur Rehman, T. Salam, Abstract presentation at International Conference on Food and Applied Science, Dir-Kumrat University of Shringal, KP, Pakistan.

A-Level Conference-INFOCOMM
2018

Dynamic resource allocation and mobile aggregator selection in mission-critical MTC networks T. Salam, W. ur Rehman, R. Khan, I. Khan and X. Tao, IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS), Honolulu, HI, pp. 64-69.

A-Level Conference-Globecomm
2017

Cooperative MTC Data Offloading with Trust Transitivity Framework in 5G Networks T. Salam, W. u. Rehman and X. Tao, 2017 IEEE Global Communications Conference, Singapore, 2017, pp. 1-7.

A-Level Conference-Globecomm
2014

Vertex multi-coloring scheduling algorithm for concurrent transmission in 60-GHz networks W. ur Rehman, T. Salam and X. Tao, IEEE Global Communications Conference, Austin, TX, 2014, pp. 4751-4757.

A-Level Conference-Globecomm
2013

Opportunistic relay selection and outage performance analysis for 60GHz wireless system Z. Liu, X. Tao, W. ur Rehman, Z. Xu and X. Xu, IEEE Globecom Workshops (GC Wkshps), Atlanta, GA, 2013, pp. 328-332.

IEEE Conferences-PIMRC
2014

Receiver-based distributed relay selection scheme for 60-GHz networks W. Ur Rehman, T. Salam and X. Tao. IEEE 25th PIMRC, Washington, DC, 2014, pp. 1585-1590.

IEEE Conferences-WPMC
2014

Relay selection schemes in millimeter-wave WPANs 2. W. u. Rehman, T. Salam and X. Tao. WPMC, Sydney, NSW, 2014, pp. 192-197.

IEEE Conference-WCNC
2014

On scheduling algorithm for device-to-device communication in 60 GHz networks W. ur Rehman, J. Han, C. Yang, M. Ahmed and X. Tao. IEEE WCNC, Istanbul, pp. 2474-2479.

IEEE Conference-WCNC 2014	**GA-based optimal resource allocation and user matching in device-to-device underlaying network** Chengcheng Yang, X. Xu, Jiang Han, Waheed ur Rehman and Xiaofeng Tao. WCNC, Istanbul, pp. 242-247.
IEEE Conference 2014	**Power budget analysis of full duplex single feeder-fiber wavelength division multiplexed passive optical access networks** Y. Khan, M. I. Afridi, W. Imtiaz, X. Xiangjun, W. U. Rehman and J. Khan,2014 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting, Beijing, pp. 1-6.
IEEE Conference-WCNC 2013	**Performance bounds of compressed sensing recovery algorithms for sparse noisy signals** Xiangling Li, Qimei Cui, Xiaofeng Tao, Xianjun Yang, W. u. Rehman and Y. Jay Guo, IEEE WCNC, Shanghai, pp. 2884-2889.
IEEE Conference-WCNC 2013	**Application of orthogonal experimental design to MIMO detection** Jiang Han, Qimei Cui, Lingzhi Guo, W. Ur Rehman and Zhuo Chen, IEEE WCNC, Shanghai, pp. 4009-4014.
IEEE Conference-VTC 2013	**Minimize Beam Squint Solutions for 60GHz Millimeter-Wave Communication System,** Z. Liu, W. ur Rehman, X. Xu and X. Tao. IEEE 78th VTC Fall, Las Vegas, NV, pp. 1-5.
IEEE Conference 2012	**Tradeoff between energy efficiency and spectral efficiency in two-way relay network** Qingquan Li, Yinjun Liu, Xuefei Zhang and W. Ur Rehman. IEEE 14th ICCT, Chengdu, pp. 929-934.
IEEE Conference 2011	**Providing end-to-end QoS in Next Generation Networks (NGNs) using combined SIP HMIPv6 (CSH),** M. Zubair, S. Mahfooz, A. Khan and W. ur Rehman, International Conference on Computer Networks and Information Technology, Abbottabad, pp. 113-118.
IEEE Conference 2011	**Handoff delay in cognitive radios — A concept paper on utilization of guard channels** M. Aman, S. Mahfooz and W. ur Rehman. International Conference on Computer Networks and Information Technology, Abbottabad, pp. 211-215.
IEEE Conference 2011	**CoXoH: Low cost energy efficient data compression for wireless sensor nodes using data encoding,"** S. I. Hussian, H. Javed, W. ur Rehman and F. N. Khalil, " IEEE ICCNIT, pp. 149-152.
Other Conference 2007	**Congestion Management Tools in VoIP Applications** Waheed ur Rehman, Umar Farooq, paper presented in National Conference on Information and Communication Technologies (NCICT-2007), Bannu, Pakistan.
Other Conference 2007	**A fully Automated Violation Detection Infrastructure** Umar Farooq, Waheed ur Rehman, paper presented in NCICT-2007, Bannu, Pakistan.

Graduated Students

PhD	1 graduated, 3 under supervision
MS	12 graduated, 5 under supervision

Graduated Students Theses - Selected & Recent Only

MS-2025	OPTIMIZING MODE SELECTION IN D2D ENABLED B5G NETWORKS USING GAME THEORY APPROACH (MS. MALAIKA IQBAL - 2025
PhD-2024	DISTRIBUTED UPLINK CACHING IN B5G NETWORKS (MR. MUBARAK MOHAMMAD AL EZZI SUFYAN) - 2024

MS-2024	IMPROVED CACHE PREDICTION USING MACHINE LEARNING IN ULTRADENSE CELLULAR NETWORK (MR. MUHAMMAD ADNAN ASGHAR)- 2024
MS-2024	BEAMFORMING AND MASSIVE MIMO IN 6G USING REINFORCEMENT LEARNING(MS. HUMA AJMAL)- 2024
MS-2024	DATA CACHING USING FEDERATED REINFORCEMENT LEARNING IN DISTRIBUTED 6G NETWORKS (MS. AQSA GUL)- 2024
MS-2023	OPTIMIZING THROUGHPUT AND LATENCY IN CROSS-SHARDED BLOCKCHAIN NETWORK (MR. UMAIR SANA) - 2023

Conferences / Workshops and Training Attended

2024	International Conference on Advancements in Computational Sciences (ICACS'24), Lahore, Pakistan
2023	Effective Implementation of Sexual Harassment Law-one day training at UoP, Pakistan.
2023	International Conference on Food and Applied Sciences, University of Shringal, Pakistan
2023	A Training on Smart Classroom Management and Administration at HEC, Peshawar.
2021	Huawei Training on Cyber Security at HEC Islamabad under Train-the-Trainer program.
2019	Huawei Artificial Intelligence Training at HEC Islamabad conducted by Huawei.
2018	IEEE international conference on comp. comm., INFOCOM 2018, Honolulu, USA.
2018	IEEE Global Communications Conference, GLOBECOM, Singapore, 2017
2014	- IEEE Global Communication Conference GLOBECOM, Austin, TX, USA 2014 - IEEE Intl. Sym. on Personal, indoor and mobile radio comm., Washington, USA 2014 - IEEE 7th Intl. Symp. on Wireless Personal Multimedia Comm., Sydney, Australia, 2014 - IEEE Wireless Comm. and Networking Conference (WCNC), Istanbul, 2014 - IEEE Int. Sym. on Broadband Multimedia Systems and Broadcasting, Beijing, 2014
2013	IEEE 78th Vehicular Technology Conference (VTC Fall), Las Vegas, NV, 2013.
2012	IEEE 14th Intl. Conference on Comm. Technology, 2012 Chengdu, China
2011	1st Intel. Conference on Computer Networks and IT (ICCNIT), Bara Gali, Pakistan, 2011
2007	14. National Conference on ICT-2007, Bannu, Pakistan

Certifications and Courses

17-09-2023	**5G for Everyone**- An online Course Certificate from Qualcomm Wireless Academy
13-08-2023	**Artificial Intelligence: An Overview**- An online Course Certificate from POLITECNICO MILANO 1863
08-08-2023	**Introduction to IoT and Embedded Systems**- An online Course Certificate from UCI University of California, Irvine
12-11-2021	**HCIA-Security**- Huawei Security Certification
08-11-2019	**HCIA-Artificial Intelligence**- Huawei AI Certification

Reviewer of Journals

ongoing	Journal of Network and Computer Applications (SCI Indexed)
ongoing	Information Sciences (SCI Indexed)
ongoing	IEEE Access (SCIE Indexed)
ongoing	Applied Sciences, MDPI
ongoing	Computer Systems Science and Engineering (SCI Indexed)
ongoing	IEEE Communications Magazine
ongoing	Journal of Sensors

Other Activities

March 2026	Focal person of HEC's National Skill Competency Test (NSCT)
07-03-2025	Focal person of Branding and Marketing Committee, University of Peshawar
2024-till date	Founding faculty member of the Students Society-Department of Computer Science and working as Chief-Organizer of the advisory council of the society.
2020-till date	Serving as the BS CS Program Coordinator, I have successfully established and led a team of coordinators to efficiently oversee the academic and research activities of more than 600 students. This includes managing student exams, timetables, seminars, and other related tasks, ensuring a smooth and organized educational experience.
08/12/2022-08/12/2024	Interdisciplinary Research Training Center (IRTC) Approved Supervisor, by the Directorate General of Science and Technology. Area-Gemstones, Space Sciences, Biomedicines, Urban Environment, Bees and Honey. IRTC Number 008-GE-22
2020-till date	Serving as Administrator Smart Classroom Project
2019-till date	Member Departmental Semester Committee, BS Program Accreditation and Self Assessment Report (SAR) Committees
2019-till date	Serving as Incharge Huawei ICT Academy
2018-till date	Organizing Huawei Global ICT Competition for Talent Hunt every year at the Department of Computer Science, UoP since 2018
2018-2022	Served as judge and mentor at The Technology Incubation Center-the joint venture project of KPITB-UST Bannu, Pakistan-Sept 2018-Sept 2022
2022	Panelist on WSIS Forum 2022 on "The Digital Access Technology for Poverty Alleviation and Recovery in Post Covid-19 Era" April 28, 2022. https://www.itu.int/net4/wsis/forum/2022/Agenda/Session/309C#:Intermediate
2019	Focal person-MoU signed between UoP and Huawei Pakistan regarding Research and Training -2019
2011-2015	Served as Secretary IEEE ComSoc Beijing Chapter – 2011-2015

Invited Talks

2026	"From Connectivity to Intelligence: The Evolution Toward 6G" organized by Department of Computer Science, IMS, Peshawar.
2022	"5G Evolution and Beyond: Trends and Challenges in Future Wireless Networks" organized by the Department of Computer Science, Shaheed Benazir Bhutto Women University, Peshawar.
2022	"Secure and Resilient Communication in the Era of 6G Networks" organized by The Department of Computer Science, University of Science and Technology, Bannu.
2021	"Dynamic Resource Allocation Strategies for Enhanced Performance in Next-Generation Wireless Networks" organized by the Department of Computer Science, Islamia College University, Peshawar.
2021	"Blockchain Applications for Trustworthy IoT Communication in Future Wireless Networks" organized by Cybersecurity Lab, UET, Peshawar.
2021	"Green Networking: Energy-Efficiency Strategies for Sustainable Future Wireless Networks" organized by Institute of Computing, KUST, Kohat.

Software Tools

Software	Matlab, OPNET, NS2, NS3, Matlab, Latex, Python, C/C++, Java, PHP, JavaScript, HTML, Visio, MS Office

Membership, Personal and General Skills

Membership	IEEE, IEEE Computer Society, IEEE ComSoc
Personal Skills	Always in a positive state of mind Can do' approach to do things Acknowledging and appreciating a team member Able to think in new ways to get things done
General Skills	Experience of working in a variety of academic settings Strong organizational and administrative skills Comfortable working as part of a team Experience of supervising and mentoring of junior teachers

Hobbies

Badminton	Regularly playing since 2011 / Tooking part in BUPT and UoP university game competition- Won 2 times)
Squash	Squash (Regularly playing since 2015/taking part in UoP games- Won 3 times)
Other Games	Cricket (Regularly playing since 2015/taking part in UoP games- Won 3 times) Table tennis (Play occasionally to participate in game competitions) Cricket (occasionally play, used to represent my School and College) Hockey (Played at School and College levels) Chess (Plays occasionally) Football (Only play with my kids in the evening)

References

Pakistan

Prof. Shah Khusro
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China

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China

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Ireland

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