



Dr Sohail Jabbar

Associate Professor

Department of Computer Sciences

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BIO

Sohail Jabbar is serving as **Associate Professor** at the Department of Computational Sciences, **Associate Dean** (Faculty of Information Technology), and **Director ORIC** at The University of Faisalabad, Pakistan. Previously, he was with **CfACS IoT Lab**, Manchester Metropolitan University, UK as **Research Associate** in 2020 and **Postdoctoral Fellow** with the **Network Lab**, Kyungpook National University, Daegu, South Korea in 2017. He did his Ph.D. in Computer Science (Wireless Communication and Networks) and MS in Telecommunication and Networks in 2009, and 2015 respectively. Both from Bahria University, Islamabad. He received many awards and honors from **Higher Education Commission of Pakistan**, Bahria University, **COMSATS University Islamabad**, and the **Korean Government**. Statistics and Meta-Research Innovation Center at Stanford (METRICS), Stanford University enlisted him among Top 2% authors in the field of **Information and Communication Technologies** based on the citation impact during the calendar year of **2019**, and **2020**. He has authored four book chapters and published over 100 research articles in prestigious journals with cumulative Impact Factor of 200+. He was engaged in many national and international-level projects. Sohail is a Guest Editor of special issues and Associate Editor in leading journals of his domain. He is on collaborative research with renowned research centers and institutes on various topics in the IoT, WSN, and Blockchain fields.

Qualification

Education

- Bachelor of Computer Science (1999-2003)
Allam Iqbal Open University, Islamabad, Pakistan
- Master of Science in Telecommunication and Networking (2007-2009)
Bahria University Islamabad, Pakistan
- Ph.D. (Computer Science) (2009-2015)
Bahria University, Islamabad, Pakistan

Certification

- Microsoft Certified System Engineer(MCSE) (2001)
Microsoft
- Microsoft Certified Database Administrator(MCDBA) (2001)
Microsoft

Courses Taught

- Microsoft Certified Database Administrator(MCDBA)
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- Microsoft Certified Database Administrator(MCDBA)
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- Microsoft Certified Database Administrator(MCDBA)

Professional Activities

Editorial Activities

- Editorial Board Member: Associate Editor, Telecommunication Systems Journal, Springer, Verlag (IF 1.734)
- Editorial Board Member: Associate Editor, IEEE ACCESS (IF 3.745)
- Guest Editor: “Recent Advancements in Digital Forensics in Recent Emerging Technologies”, Security and Communication Networks, Hindawi, (IF – 1.791) (Status: Available Online – Open)
- Guest Editor: “Vehicle-to-Everything (V2X) Communication Approach Towards Advanced Intelligent Transportation”, Wireless Communications and Mobile Computing, Hindawi, (IF – 2.336) (Status: Available Online – Open)
- Guest Editor: “Blockchain-Enabled Industrial Internet of Things: Advances, Applications, and Challenges”, IEEE Internet of Things Magazine (Status: Available Online – Closed)
- Guest Editor: “Scalable Deep Learning for Big Data”, IEEE ACCESS, (IF – 3.745) (Status: Available Online – Closed)
- Guest Editor: “Future Communication Trends Towards Internet of Things Services and Applications”, IEEE Wireless Communications, IEEE (IF – 11.395) (Status: Available Online – Closed)
- Guest Editor: "Real-time Behavioral Monitoring in IoT Applications using Big Data Analytics", Concurrency and Computation, Practice and Experience, Wiley (IF - 1.167) (Status: Available Online - Closed)
- Guest Editor: “Enabling Technologies for Social Internet of Things”, Future Generation Computer Systems, Elsevier (IF – 6.126) (Status: Available Online - Closed)
- Guest Editor: “Current and Prospective Challenges in Cyber Physical Systems for Personalized U-Healthcare”, Cyber Physical Systems, Taylor & Francis Online, Scopus Indexed (Status: Available Online - Closed)

- Guest Editor: “Smart Standards, Algorithms and Frameworks for Interoperability in Internet of Things” Journal of Information Processing Systems, ISI Indexed (Status: Available Online - Closed)
- Guest Editor: “Software Defined Networking: Trends, Challenges and Prospective Smart Solutions”, Peer-to-Peer Networking and Applications, Springer, (IF – 2.793) (Status: Available Online - Closed)
- Conference/Workshop Chair: 1st International Workshop on Digital Forensics, Security and Privacy, September 20-23, 2021 in Collaboration with 17th eScience 2021 - International Conference, Innsbruck, Austria.
- Conference/Workshop Chair: 3rd International Workshop on Smart Technologies (WOSTech’19) in association with ICFNDS’19, July 1-2, 2019, University of Paris Sud, France
- Conference/Workshop Chair: 2nd International Workshop on Enabling Networking and Communication and Technology (CoNTeC’19), in association with The 16th International Conference on Mobile Systems and Pervasive Computing (MOBISPC’19), August 19-21, 2019, Halifax, Canada
- Conference/Workshop Chair: Internet of Medical Things for Smart Healthcare Applications in association with IEEE International Conference On Internet of Things (IThings-2019) July 14 - July 17, 2019, Atlanta, USA
- Conference/Workshop Chair: International Workshop on Smart Technologies (WOSTech’18) in association with ICFNDS’18, Amman, Jordan, June 26-27, 2018
- Conference/Workshop Chair: The International Workshop on Enabling Networking and Communication and Technology (CoNTeC’18), in association with The 15th International Conference on Mobile Systems and Pervasive Computing (MOBISPC’18), August 13-15, 2018, Gran Canaria, Spain
- Conference/Workshop Chair: The International Workshop on Enabling Communications and Networking for Future Internet (WECNet’18), in association with IEEE 42nd Conference of Local Computer Networks (LCN’18), Oct. 1-4, 2018, Chicago, USA
- Conference/Workshop Chair: The International Workshop on Smart Technologies (WOSTech), in association with The International Conference on Future Networks and Distributed Systems (ICFNDS’17), Cambridge, 9-20 July, 2017
- Conference/Workshop Chair: The International Workshop on Enabling Communications and Networking for Future Internet (WECNet’17), in association with IEEE 42nd Conference of Local Computer Networks (LCN’17), Oct. 9-12, 2017, Singapore

Seminars\Workshops\Webinars\Talks

- “Research Visibility - Workshop”, Organized by Department of Dermatology and ORIC, The University of Faisalabad, Faisalabad, Pakistan.
- “Understanding Research – Lecture Series”, Webinar, Organized by ORIC, The University of Faisalabad, Faisalabad, Pakistan.
- “Blockchain in Supplychain” 5th International Online Lecture Series of School of Software (Theme: Internet of Things), Northwestern Polytechnical University (NWPU), China.
- “Blockchain and Internet of Things, Applications and Challenges” Cardiff University, UK. 25th November, 2020.
- “Blockchain Challenges and Future Prospects”, Department of Computer Science, University of Agriculture, Faisalabad, 6th February, 2020
- “Blockchain for IoT powered Multi-Stakeholders Supply Chain”, University of Engineering and Technology, Taxila, 30th January, 2020.
- “Blockchain-Enabled Supply Chain - Analysis, Challenges, and Future Directions”, Metropolitan Manchester University, UK, January, 2020.
- “Using Blockchain to provide trust and Privacy in IoT Powered Multi-Stakeholder Supplychain”, Trust, Identity, Privacy & Security (TIPS) Workshop, Aberdeen, Scotland, UK, Dec. 2019
- "Understanding Transformation of Data Forms", 7th May 2018
- “Cyber-Physical Issues in Medical and Healthcare Infrastructure” National Textile University, Faisalabad, Pakistan, Nov. 2017
- “Internet of Things: An Emerging Concept for Smart Global Village”, National Textile University, Faisalabad, Pakistan, March 2017
- “Application of Ant Colony Optimization in Network Routing”, Department of Computer Science, Kyungpook National University, Daegu, South Korea, 2016

- “Islam and Colorism”, 1st International Conference on Dermal Sciences, The University of Faisalabad, Pakistan, 21st November, 2021
- “Interdisciplinary Research: Exploring Research Horizons Beyond the Borders”, Organized by Department of Arabic and Islamic Studies, The University of Faisalabad, Pakistan. 5th Dec. 2021

Awards & Achievement

- Enlisted in the top 2% of the most-cited scientists' list compiled by Stanford University in 2020
- Enlisted in the top 2% of the most-cited scientists' list compiled by Stanford University in 2019
- Travel Grant (Aberdeen, Scotland) from Trust, Identity, Privacy & Security (TIPS) Workshop organized by ESPRC funded TrustLens project - EP/N028074/1 - Aberdeen, Scotland, UK, 2019.
- Position Winner, Research Associate, Manchester Metropolitan University, United Kingdom, 2019.
- Travel Grant (Amman, Jordan) from HEC for research paper presentation in a conference organized by Middle East University, Amman, 2018.
- Travel Grant (Pau, France) from HEC for research paper presentation in a conference organized by ACM, 2018.
- Research Productivity Award by COMSATS University Islamabad in 2016

- BK-21 Plus Fellowship from S. Korea for Post Doctorate, 2016
- Win ICT R&D funding for an undergraduate project as a supervisor in 2015
- Research Productivity Award by COMSATS University Islamabad in 2015
- Best Student Researcher Award of the Year, 2014 from Bahria University
- Research Productivity Award by COMSATS University Islamabad in 2014
- Member of the best paper award committee for articles published in 2013 in IJACSA
- Travel Grant (Cebu, Philippines) from HEC for Research Paper presentation in IEEE Conference, 2012
- Letter of Appreciation from Honorable Rector of Bahria University on Research Publication and its presentation in a conference at UCLA, Berkeley, 2011
- Travel Grant (San Francisco, USA) from HEC for research paper presentation in a conference organized by IAENG (International Association of Engineers), 2011
- Travel Grant (Phoenix park, S. Korea) from HEC for Research Paper presentation in IEEE Conference, 2011
- Best paper nomination in World Congress on Engineering and Computer Science 2011, San Francisco, USA
- Travel Grant (Chengdu, China) from HEC for Research Paper presentation in IEEE Conference, 2009
- Achieved 1st division throughout of my Academic Career
- Completed MS (T&N) with the Magna Cum Laude honor (Silver Medalist), 2009

Research Interest

- Blockchain
- Internet of Things
- Wireless Sensor Networks
- Data Science

R&D

Funded Projects

- *"Smart Methodology for Safe Life on Roads with Active Drivers"*, funded by Al-Yamamah University Riyadh, Kingdom of Saudi Arabia as Co-PI (Completed).

Research Contracts

- *"Smart Methodology for Safe Life on Roads with Active Drivers"*, funded by Al-Yamamah University Riyadh, Kingdom of Saudi Arabia as Co-PI (Completed).

Consultancy

- *"Smart Methodology for Safe Life on Roads with Active Drivers"*, funded by FAB Health, Pakistan as Co-PI.

Consultancy

- [Smart Methodology for Safe Life on Roads with Active Drivers](#) as Co-PI.

Publications

Book

- [test](#)

Book Chapters

- [Application of machine learning and image processing for detection of breast cancer](#)

Muhammad Kashif, Kaleem Razzaq Malik, Sohail Jabbar, Junaid Chaudhry

Innovation in Health Informatics: A Smart Healthcare Primer, Elsevier Inc, 145-162, 2019-11-15

Journals

- [Physiotherapists' Perspectives on the Importance of Psychological Impact in Sports Injury Rehabilitation](#)

Adeera Azam, Esha Dilawar, Maham Athar, Aqsa Bashir, Wajeaha Naaz, Noreen Kiran
(Correspondence author)

Journal of Health and Rehabilitation Research, 2024-09-21

Conferences

- [Blockchain-based Supply Chain for the Automation of Transaction Process: Case Study based Validation](#)

Muhammad Asif Habib, Muhammad Bilal Sardar, Sohail Jabbar

International Conference on Engineering and Emerging Technologies (ICEET), IEEE, 2020-03-30