DR. MUHAMMAD ALI QURESHI

Chairman/Professor
Information & Communication Engineering Department
The Islamia University of Bahawalpur, Pakistan
Senior Member IEEE

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✉ Baghdad-ul-Jadeed Campus, The Islamia University of Bahawalpur
📍 Bahawalpur, Pakistan.

HIGHLIGHTS

- **Current Position:**
  - Chairman and Professor at Department of Information & Communication Engineering, The Islamia University of Bahawalpur, Pakistan.
  - Senior Member IEEE.

- Co-Convener & Expert Member of the National Curriculum Review Committee (NCRC) Meeting of the National Technology Council (NTC) to draft the curriculum for B.Sc. Computer Engineering Technology Program in Pakistan.

- Secretary & Expert Member of the National Curriculum Review Committee (NCRC) Meeting of the National Technology Council (NTC) to draft the curriculum for B.Sc. Software Engineering Technology Program in Pakistan.

- Worked as Expert NTC for accreditation of computer, electrical, electronics, software, and information engineering technology programs in different universities of Pakistan.

- Recipient of IEEE Lahore Section Outstanding Volunteer Award (2022).

- Recipient of Prominent Researcher Award of 2020 in Faculty of Engineering & Technology, The Islamia University of Bahawalpur, Pakistan.

- Co-founder Branch Counselor of the Student Branch U C E T - The Islamia University of Bahawalpur from 2010 to 2012.

- Co-founder and Advisor of IEEE Signal Processing Society Student Chapter in U C E T - The Islamia University of Bahawalpur Student Branch.

- Publications (90+ articles in refereed international journals and conference proceedings).

- Impact Factor: Total (95+), Citations on Google scholar (1933), h-Index = 21, i10-index = 42

- Supervised 14 Master's students, Currently supervising 6 doctoral candidates and 6 Master's students.

- Reviewer of well-recognized journals and conferences

- Organized 2020 IEEE 23rd International Multitopic Conference (INMIC), November 5-7, 2020, Bahawalpur, Pakistan.

- Organized 2022 IEEE International SPS Seasonal School on Video Surveillance and Monitoring, September 5th-6th, 2022, Bahawalpur, Pakistan.

- Organized 2023 IEEE International Conference on Emerging Trends in Engineering, Sciences & Technology (ICES&T), January 9-11, 2023, Bahawalpur, Pakistan.

🎓 EDUCATION

📅 **2012–2017**   **Ph.D. Electrical Engineering**
King Fahd University of Petroleum & Minerals (KFUPM), Saudi Arabia
Degree Awarding Date: January 24, 2017.
Advisor: Prof. Dr. Mohamed Deriche
Thesis Title: Objective Assessment of Quality of Experience for Diverse
Image Processing Applications

📅 **2007–2008**　**M.Sc. Telecommunication Engineering**
NWFP University of Engineering & Technology Peshawar, Pakistan
GPA: 3.76/4.00, 1st Position
Degree Awarding Date: April 16, 2008.

📅 **1995–2000**　**B.Sc. Electrical Engineering** *(Majors in Electronics & Communication)*
University of Engineering & Technology Lahore, Pakistan
First Class Honors, 82.28% Aggregate.
Degree Awarding Date: April 2000.

📅 **1992–1994**　**Higher Secondary Education (F.Sc.)**
Government College Lahore, Pakistan
84.82%, 5th Position in B.I.S.E Lahore.

📅 **1990–1992**　**Secondary Education (Matriculation)**
Govt. Tameer-e-Millat High School, Sadikabad, Pakistan
87.65%, 3rd Position in B.I.S.E Bahawalpur.

EXPERIENCE (24+ YEARS)

Academic Experience

📅 **Jul. 2023 – Ongoing**　**Professor (Regular, BPS–21)**
Department of Information and Communication Engineering,
The Islamia University of Bahawalpur, Pakistan.

📅 **Jan. 2021 – Jun. 2023**　**Associate Professor (Regular, BPS–20)**
Department of Information and Communication Engineering,
The Islamia University of Bahawalpur, Pakistan.

📅 **Nov. 2007 – Dec. 2020**　**Assistant Professor (Regular, BPS–19)**
Department of Telecommunication Engineering,
The Islamia University of Bahawalpur, Pakistan.

Major duties are teaching and research supervision to the undergraduate and graduate students, member of curriculum development board, administrative duties, head of department, member board of studies, and member selection committee.

📅 **Oct. 2012 – Dec. 2016**　**Lecturer-B**
Department of Electrical Engineering,
King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia.

In addition to PhD studies, involved in conducting labs for undergraduate students of the electrical engineering department, teaching assistant for various courses, and administrative duties assigned by the department.

🏭 Professional Experience

📅 **Dec. 2002 – Nov. 2007**　**Assistant Divisional Engineer (Regular, BPS–17)**
Pakistan Telecommunication Company Ltd. (PTCL)

Responsible for operating and maintaining digital telephone switching networks, power plants, wireless communication systems, and revenue generation by providing telecom facilities to customers.

📅 **Apr. 2000 – Nov. 2002**　**System Engineer**
Delta Indus Systems Pvt. Ltd., Lahore, Pakistan.

Involved in developing image processing-related algorithms in C and assembly language programming. Moreover, gained experience in software development using Microsoft Visual C++ and Borland C++ Builder software development tools.

Administrative Experience

- 📅 **Jan. 2021 – ongoing**   **Chairman**
  Department of Information & Communication Engineering, The Islamia University of Bahawalpur, Pakistan.

- 📅 **Jan. 2018 – Dec. 2024**   **Chair**
  IEEE Bahawalpur Subsection.

- 📅 **Mar. 2018 – Dec. 2020**   **Head of Department**
  Department of Telecommunication Engineering, The Islamia University of Bahawalpur, Pakistan.

- 📅 **Oct. 2008 – Oct. 2012**   **Head of Department**
  Department of Telecommunication Engineering, The Islamia University of Bahawalpur, Pakistan.

PROFESSIONAL MEMBERSHIPS

- **Professional Member**, *Pakistan Engineering Council (PEC)*, 2000 - onwards. Registration Number: ELECT/16376
- **Senior Member**, *Institute of Electrical and Electronics Engineers (IEEE)*, 2009 – onwards (Total years - 14). Member Number: 90709950
  - **Member**, *IEEE Signal Processing Society.* Total years - 5
  - **Member**, *IEEE Young Professionals (YP).* Total years - 5
  - **Member**, *IEEE Computer Society.* Total years - 1
- **Senior Member**, *International Association of Electrical, Electronic and Energy Engineering (IAEEEE).* Member Number: 13020201
- **Member**, *International Association of Engineers (IAENG).* Member Number: 248304
- **Member (Life)**, *Institute of Electrical and Electronics Engineers, Pakistan (IEEEP).* Member Number: M-1325
- **Member (Electrical)**, *Institute of Engineers, Pakistan (IEP).* Member Number: M-21884/$MLT-201$

🏆 AWARDS & DISTINCTIONS

- **IEEE Lahore Section Outstanding Volunteer Award (2022)** received during IEEE Lahore Section Annual General Meeting (AGM) at Flatties Hotel, Lahore on 17th December 2022.
- **Prominent Researcher Award (2020)** in Faculty of Engineering & Technology, The Islamia University of Bahawalpur, Pakistan.
- **Featured article (Interview)** in IET Electronic Letters Vol. 52, Issue 21.
  Muhammad Ali Qureshi, Mohamed Deriche, and Azeddine Beghdadi, "Quantifying Blur in Color Images using Higher Order Singular Values," IET Electronics Letters, Volume 52, Issue 31, October 13, 2016, pp.1755-1757.
- **Top 25 Hottest articles** in Signal Processing: Image Communication for the period Dec. 2015–Jun. 2016.
  M. Ali Qureshi and M Deriche, "A Bibliography of Pixel-based Blind Image Forgery Detection Techniques," Signal Processing: Image Communication 39 Part A, November 2015, pp. 46–74.
- **Top 25 Hottest articles** in Signal Processing: Image Communication period Nov.2017–Jan. 2018.
  M. Ali Qureshi, Azeddine Beghdadi, and M Deriche, "Towards the design of a consistent image contrast enhancement evaluation measure," Signal Processing: Image Communication 58 Part C, August 2017, pp. 212–227.
- **Top 25 Hottest articles** in Journal of Visual Communication and Image Representation period Nov.2017– Feb.2018.

M. Ali Qureshi, Azeddine Beghdadi, and M Deriche, "A critical survey of state-of-the-art image inpainting quality assessment metrics," Journal of Visual Communication and Image Representation Volume 49, November 2017, Pages 177-191.

- **Fully Funded Ph.D. Scholarship** at King Fahd University of Petroleum & Minerals (KFUPM) offered by the Ministry of Higher Education, Saudi Arabia,2012-2017.
- **Fully Funded MS Scholarship** at ICT, Islamabad, offered by Pakistan Telecommunication Company Limited (PTCL), 2007-2008.
- **Merit Scholarship**, Board of Intermediate & Secondary Education (BISE) Lahore, 1995-2000.
- **Merit Scholarship**, Fauji Fertilizer Company Limited (FFC), Goth Machi, Saidabad, 1995-2000.
- **Merit Scholarship**, Board of Intermediate & Secondary Education (BISE) Bahawalpur, 1992-1994.
- **1st Position** in M.Sc. Telecommunication Engineering (GPA 3.76/4.0), 2008.
- Amongst the top 10 positions in B.Sc. Electrical Engineering (**Degree with Honor**), April 2000.
- **5th Position** in F.Sc., Board of Intermediate and Secondary Education (BISE), Lahore, 1994.
- **3rd Position** in Matriculation, BISE Bahawalpur, Bronze Medalist, 1992.

PUBLICATIONS

Scholarly Impact

Google Scholar (Citations: 1933, h-index: 21, i10-index : 42) Impact Factor: 95+
"Source: Google Scholar, accessed February 24, 2025"

📄 A. Refereed Journal Articles

57. K. A. Memon, K. K. Qureshi, S. S. Jaffar, and M. A. Qureshi, "Dynamic bandwidth allocation in time division multiplexed passive optical networks: A dual-standard analysis of itu-t and ieee standard algorithms," *PeerJ Computer Science*, pp. x–y, 2025(link) [SCIE, Journal Citation Reports (JCR): Impact Factor 2024 (3.8)]

56. M. M. Ahmed, M. Amjad, M. A. Qureshi, M. O. Khan, and Z. M. Haider, "Novel multi-stage phasor measurement unit placement on critical buses with observability assessment," *Energies*, vol. 18, no. 1, p. 172, January 2025. doi: 10.3390/en18010172 (link)

55. Z. Ahmad, M. A. Qureshi, and A. Amin, "Nonlinearities estimation in optical fiber communication: Current progress, challenges and perspectives," *Sir Syed University Research Journal of Engineering & Technology*, vol. 14, no. 2, pp. 7–18, December 2024 (link)

54. S. Rana, M. A. Qureshi, A. Majeed, and S. K. Noon, "Identification of true speakers from disguised voices in anti-forensic scenarios using an efficient framework," *Signal, Image and Video Processing*, vol. 18, no. 10, pp. 7455–7471, July 2024. doi: 10.1007/s11760-024-03407-7 (link)

53. S. Rana and M. A. Qureshi, "A comprehensive review of forensic phonetics techniques," *The Asian Bulletin of Big Data Management*, vol. 4, no. 02, pp. 284–301, June 2024. doi: 10.62019/abbdm.v4i02.159 (link)

52. M. M. Ahmed, M. Amjad, M. A. Qureshi, M. O. Khan, and Z. M. Haider, "Optimal pmu placement to enhance observability in transmission networks using ilp and degree of centrality," *Energies*, vol. 17, no. 9, p. 2140, April 2024. doi: 10.3390/en17092140 (link)

51. A. Muhammad, A. Amin, M. A. Qureshi, A. R. Bhatti, and M. M. Ali, "Deep learning based buck-boost converter for pv modules," *Heliyon*, vol. 10, no. 5, March 2024. doi: 10.1016/j.heliyon.2024.e27405(link) [SCIE, Journal Citation Reports (JCR): Impact Factor 2023 (4.0)]

50. S. K. Noon, M. Amjad, M. A. Qureshi, A. Mannan, and T. Awan, "An improved detection method for crop & fruit leaf disease under real-field conditions," *AgriEngineering*, vol. 6, no. 1, pp. 344–360, February 2024. doi: 10.3390/agriengineering6010021(link) [SCIE, Journal Citation Reports (JCR): Impact Factor 2023 (2.8)]

49. A. Chetouani, M. A. Qureshi, M. Deriche, and A. Beghdadi, "Blind quality-based pairwise ranking of contrast changed color images using deep networks," *Signal Processing: Image Communication*, vol. 21, p. 117059, February 2024. doi: 10.1016/j.image.2023.117059 (link) [SCIE, Journal Citation Reports (JCR): Impact Factor 2023 (3.5)]

48. A. R. Chishti, A. Aziz, M. A. Qureshi, M. N. Abbasi, D. Abbasi, S. S. Iqbal, Z. Azzedine, A. M. Algarni, and R. Hussain, "Advances in antenna-based techniques for detection and monitoring of critical chronic diseases: A comprehensive review," *IEEE Access*, vol. 11, September 2023. doi: 10.1109/ACCESS.2023.3316149 (link) [SCIE, Journal Citation Reports (JCR): Impact Factor 2023 (3.9)]

47. A. Farooq, S. Tariq, A. Amin, M. A. Qureshi, and K. H. Memon, "Towards the design of new cryptographic algorithm and performance evaluation measures," *Multimedia Tools and Applications*, pp. 1–51, 2023. doi: 10.1007/s11042-023-15673-7 (link) [SCIE, IF: 2.577]

46. S. K. Noon, M. Amjad, M. A. Qureshi, and A. Mannan, "Handling similar looking disease symptoms in plants using dilation and feature reuse," *Journal of Intelligent & Fuzzy Systems*, vol. 45, no. 1, pp. 105–120, July 2023. doi: 10.3233/JIFS-223554 (link) [SCIE, IF: 2.00]

45. S. S. Jaffer, A. Hussain, M. A. Qureshi, Y. Khan, J. Mirza, K. K. Qureshi, and M. M. Ali, "Reliable and cost-efficient protection scheme for 5g fronthaul/backhaul network," *Heliyon*, vol. 9, no. 3, March 2023. doi: https://doi.org/10.1016/j.heliyon.2023.e14215 (link) [SCIE, IF: 4.00]

44. N. Nadeem, M. F. Hayat, M. A. Qureshi, M. Majid, M. Nadeem, and J. Janjua, "Hybrid Blockchain-based Academic Credential Verification System (B-ACVS)," *Multimedia Tools and Applications*, pp. 1–29, April 2023. doi: 10.1007/s11042-023-14944-7 (link) [SCIE, IF: 2.577]

43. M. A. Sandhu, A. Amin, and M. A. Qureshi, "Water detection in an open environment: A comprehensive," *IJCSNS International Journal of Computer Science and Network Security*, vol. 23, no. 1, pp. 1–10, January 2023. doi: 10.22937/IJCSNS.2023.23.1.1 (link)

42. A. R. Chishti, A. Aziz, M. A. Qureshi, M. N. Abbasi, A. M. Algarni, A. Zerguine, N. Hussain, and R. Hussain, "Optically transparent antennas: A review of the state-of-the-art, innovative solutions and future trends," *Applied Sciences*, vol. 13, no. 1, p. 210, January 2023. doi: 10.3390/app13010210 (link) [SCIE, IF: 2.838]

41. S. K. Noon, M. Amjad, M. A. Qureshi, and A. Mannan, "Handling severity levels of multiple co-occurring cotton plant diseases using improved yolox model," *IEEE Access*, vol. 10, pp. 134 811–134 825, December 2022. doi: 10.1109/ACCESS.2022.3232751 (link) [SCIE, IF: 3.476]

40. A. S. Rao, A. Aziz, K. Aljaloud, M. A. Qureshi, A. Muhammad, A. Rafique, and R. Hussain, "Concomitance of radio frequency energy harvesting and wearable devices: A review of rectenna designs," *International Journal of RF and Microwave Computer-Aided Engineering*, vol. 32, no. 12, p. e23536, November 2022. doi: 10.1002/mmce.23536 (link) [SCIE, IF: 1.987]

39. M. S. Wasim, S. Habib, M. Amjad, A. R. Bhatti, E. M. Ahmed, and M. A. Qureshi, "Battery-ultracapacitor hybrid energy storage system to increase battery life under pulse loads," *IEEE Access*, vol. 10, pp. 62 173–62 182, June 2022. doi: 10.1109/ACCESS.2022.3182468 (link) [SCIE, IF: 3.476]

38. H. F. Rasool, M. A. Qureshi, A. Aziz, Z. U. A. Akhtar, and U. A. Khan, "Higher-order accurate finite-difference simulation for tunnel propagation modeling," *COMPEL-The international journal for computation and mathematics in electrical and electronic engineering*, 2022, [Impact factor 0.755] (link) [ABC, IF: 0000]

37. M. M. Ahmed, M. Amjad, M. A. Qureshi, K. Imran, Z. M. Haider, and M. O. Khan, "A critical review of state-of-the-art optimal PMU placement techniques," *Energies*, vol. 15, no. 6, p. 2125, March 2022. doi: 10.3390/en15062125 (link) [SCIE, IF: 3.252]

36. A. Saeed, M. F. Hayat, T. Habib, D. A. Ghaffar, and M. A. Qureshi, "A novel multi-speakers urdu singing voices synthesizer using wasserstein generative adversarial network," *Speech Communication*, vol. 17, pp. 103–113, February 2022. doi: 10.1016/j.specom.2021.12.005 (link) [SCIE, IF: 2.723]

35. H. F. Rasool, M. A. Qureshi, A. Aziz, Z. U. A. Akhtar, and U. A. Khan, "An introduction to the parabolic equation method for electromagnetic wave propagation in tunnels," *COMPEL-The international journal for computation and mathematics in electrical and electronic engineering*, January 2022. doi: 10.1108/COMPEL-07-2021-0245 (link) [SCIE, IF: 0.808]

34. S. Ahmad, M. F. Hayat, M. A. Qureshi, S. Asef, and Y. Saleem, "Enhanced halftone-based secure and improved visual cryptography scheme for colour/binary images," *Multimedia Tools and Applications*, vol. 80, pp. 32 071–32 090, July 2021. doi: 10.1007/s11042-021-11152-z (link) [ABC, IF: 0000]

33. S. K. Noon, M. Amjad, M. A. Qureshi, and A. Mannan, "Computationally light deep learning framework to recognize cotton leaf diseases," *Journal of Intelligent & Fuzzy Systems*, vol. 40, no. 6, pp. 12 383–12 398, June 2021. doi: 10.3233/JIFS-210516 (link) [ABC, IF: 0000]

32. S. S. Jaffer, A. Hussain, M. A. Qureshi, and K. K. Qureshi, "A low cost PON-FSO based fronthaul solution for 5G CRAN architecture," *Optical Fiber Technology*, vol. 63, p. 102500, May 2021. doi: 10.1016/j.yofte.2021.102500 (link)

31. A. Beghdadi, M. A. Qureshi, S. A. Amirshahi, A. Chetouani, and M. Pedersen, "A critical analysis on perceptual contrast and its use in visual information analysis and processing," *IEEE Access*, vol. 8, pp. 156 929–156 953, August 2020. doi: 10.1109/ACCESS.2020.3019350 (link)

30. S. S. Jaffer, A. Hussain, P. V. Klaine, M. Z. Shakir, and M. A. Qureshi, "Hybrid PON-FSO based fronthaul architecture for ultra-dense small cell network," *Optical Engineering*, vol. 59, no. 7, p. 075104, July 2020. doi: 10.1117/1.OE.59.7.075104 (link)

29. H. F. Rasool, M. A. Qureshi, A. Aziz, and F. H. Malik, "Efficient solution of noye-hayman implicit finite-difference method for modelling wave propagation in tunnels," *Electronics Letters*, vol. 56, no. 22, pp. 1167–1169, October 2020. doi: 10.1049/el.2020.1978 (link)

28. T. Bashir, H. Xiong, A. Aziz, M. A. Qureshi, H. Ahemd, A. Wahab, and M. Umaid, "Design and analysis of reflectarray compound unit cell for 5G communication," *The Applied Computational Electromagnetics Society Journal (ACES)*, vol. 35, no. 12, pp. 1513–1518, December 2020. doi: 10.47037/2020.ACES.J.351209 (link)

27. S. K. Noon, M. Amjad, M. A. Qureshi, and A. Mannan, "Use of deep learning techniques for identification of plant leaf stresses: A review," *Sustainable Computing: Informatics and Systems*, vol. 28, p. 100443, December 2020. doi: 10.1016/j.suscom.2020.100443 (link)

26. S. S. Jaffer, A. Hussain, M. A. Qureshi, and W. S. Khawaja, "Towards the shifting of 5g front haul traffic on passive optical network," *Wireless Personal Communications*, vol. 112, no. 3, pp. 1549–1568, January 2020. doi: 10.1007/s11277-020-07115-6 (link)

25. A. Amin and M. A. Qureshi, "A novel image retrieval technique using automatic and interactive segmentation," *International Arab Journal of Information Technology*, vol. 17, no. 3, pp. 404–410, May 2020. doi: 10.34028/iajit/17/3/14 (link)

24. M. A. Qureshi, A. Aziz, A. Amin, H. F. Rasool, and F. Hayat, "Design of a new wideband single-layer reflective metasurface unit cell for 5g- communication," *The Applied Computational Electromagnetics Society Journal (ACES)*, vol. 35, no. 8, pp. 975–978, August 2020. doi: 10.47037/2020.ACES.J.350818 (link)

23. H. K. Iqbal, F. H. Malik, A. Muhammad, M. A. Qureshi, M. N. Abbasi, and A. R. Chishti, "A critical review of state-of-the-art non-intrusive load monitoring datasets," *Electric Power Systems Research*, vol. 192, p. 106921, March 2020. doi: 10.1016/j.epsr.2020.106921 (link)

22. A. R. Mirza, J. A. Mahar, M. A. Qureshi, and Z. u. Abidin, "Smart campus system using internet of things: Simulation and assessment of vertical scalability," *Indian Journal of Science and Technology*, vol. 13, no. 28, pp. 2902–2910, August 2020. doi: 10.17485/IJST/v13i28.1034 (link)

21. M. A. Qureshi and E.-S. M. El-Alfy, "Bibliography of digital image anti-forensics and anti-anti-forensics techniques," *IET Image Processing*, vol. 13, no. 11, pp. 1811–1823, August 2019. doi: 10.1049/iet-ipr.2018.6587 (link)

20. W. Khalid, A. Sattar, M. A. Qureshi, A. Amin, M. A. Malik, and K. H. Memon, "A smart wireless sensor network node for fire detection," *Turkish Journal of Electrical Engineering & Computer Science*, vol. 27, no. 4, pp. 2541–2556, July 2019. doi: 10.3906/elk-1812-81 (link)

19. A. Amin, M. Deriche, M. A. Qureshi, and K. H. Memon, "New attributes for salt dome detection in 3d seismic data using higher order svd," *Journal of Applied Geophysics*, vol. 163, pp. 108–116, April 2019. doi: 10.1016/j.jappgeo.2019.02.016 (link)

18. M. Saher, A. Amin, I. A. Qureshi, M. A. Qureshi, and M. M. Jawaid, "Efficient advanced encryption standard for securing cognitive radio networks," *Mehran University Research Journal of Engineering & Technology*, vol. 37, no. 4, pp. 645–654, October 2018 (link)

17. K. H. Memon, S. Memon, M. A. Qureshi, M. B. Alvi, D. Kumar, and R. A. Shah, "Kernel possibilistic fuzzy c-means clustering with local information for image segmentation," *International Journal of Fuzzy Systems*, vol. 21, no. 1, pp. 321–332, September 2019. doi: 10.1007/s40815-018-0537-9 (link)

16. Z. Long, Y. Alaudah, M. Ali Qureshi, Y. Hu, Z. Wang, M. Alfarraj, G. AlRegib, A. Amin, M. Deriche, S. Al-Dharrab *et al.*, "A comparative study of texture attributes for characterizing subsurface structures in seismic volumes," *Interpretation*, vol. 6, no. 4, pp. T1055–T1066, November 2018. doi: 10.1190/INT-2017-0181.1 (link)

15. A. Razzaq, R. A. Shaikh, Q. M. Ali, M. A. Baig, and S. H. Gil, "Internet of things (iot) applications an overview," *International Journal of Computer Science and Emerging Technologies*, vol. 1, no. 1, pp. 43–48, 2017 (link)

14. M. A. Razzaq, K. H. Memon, M. A. Qureshi, and S. Ullah, "A survey on user interfaces for interaction with human and machines," *International Journal of Advanced Computer Science and Applications*, vol. 8, no. 7, pp. 462–467, 2017 (link)

13. K. H. Memon, M. A. Qureshi, S. Memon, M. Shaikh, and R. Kumar, "Performance evaluation of routing protocols under security attacks in mobile ad hoc networks," *IJCSNS*, vol. 17, no. 12, p. 21, 2017 (link)

12. M. A. Qureshi, U. Zahoor, A. Amin, K. H. Memon, and A. Hussain, "Performance comparison of global navigational satellite systems," *IJCSNS International Journal of Computer Science and Network Security*, vol. 17, no. 12, pp. 99–107, 2017 (link)

11. M. A. Razzaq, S. H. Gill, M. A. Qureshi, and S. Ullah, "Security issues in the internet of things (iot): A comprehensive study," *International Journal on Advanced Computer Schience and Applications (IJACSA)*, 2017 (link)

10. M. A. Qureshi, M. Deriche, A. Beghdadi, and A. Amin, "A critical survey of state-of-the-art image inpainting quality assessment metrics," *Journal of Visual Communication and Image Representation*, vol. 49, pp. 177–191, 2017 (link)

9. M. A. Qureshi, A. Beghdadi, and M. Deriche, "Towards the design of a consistent image contrast enhancement evaluation measure," *Signal Processing: Image Communication*, vol. 58, pp. 212–227, 2017 (link)

8. E.-S. M. El-Alfy and M. A. Qureshi, "Robust content authentication of gray and color images using lbp-dct markov-based features," *Multimedia Tools and Applications*, vol. 76, no. 12, pp. 14 535–14 556, 2017 (link)

7. M. Deriche, A. Amin, and M. A. Qureshi, "Color image segmentation by combining the convex active contour and the chan vese model," *Pattern Analysis and Applications*, vol. 22, no. 2, pp. 343–357, August 2019. doi: 10.1007/s10044-017-0632-9 (link)

6. M. Qureshi, M. Deriche, and A. Beghdadi, "Quantifying blur in colour images using higher order singular values," *Electronics Letters*, vol. 52, no. 21, pp. 1755–1757, 2016 (link)

5. M. A. Qureshi and M. Deriche, "A new wavelet based efficient image compression algorithm using compressive sensing," *Multimedia Tools and Applications*, vol. 75, no. 12, pp. 6737–6754, 2016 (link)

4. M. A. Qureshi and M. Deriche, "A bibliography of pixel-based blind image forgery detection techniques," *Signal Processing: Image Communication*, vol. 39, no. A, pp. 46–75, November 2015. doi: 10.1016/j.image.2015.08.008 (link)

3. E.-S. M. El-Alfy and M. A. Qureshi, "Combining spatial and dct based markov features for enhanced blind detection of image splicing," *Pattern Analysis and Applications*, vol. 18, no. 3, pp. 713–723, August 2015. doi: 10.1007/s10044-014-0396-4 (link)

2. M. A. Saeed, M. Hayat, J. S. Rasool, M. A. Qureshi, and A. Aziz, "Implementation of an efficient algorithm for human hand gesture identification," *International Journal of Information*, vol. 2, no. 3, pp. 138–142, 2012 (link)

1. A. Aziz, M. A. Qureshi, M. J. Iqbal, S. Z. A. Zaidi, U. Farooq, and U. Ahmad, "Performance and quality analysis of adaptive beamforming algorithms (lms, cma, rls & cgm) for smart antennas," in *International Conference on Computer and Electrical Engineering*, vol. 6, 2010, pp. 302–306 (link)

👥 B. Refereed Conference Proceedings

26. M. M. Ahmed, M. Amjad, and M. A. Qureshi, "Optimising pmu placement using integer linear programming for complete network observability with zero injection bus and n-1 contingency," in *2023 International Conference on Energy, Power, Environment, Control, and Computing (ICEPECC)*. Gujrat, Pakistan: IEEE, 08–09 March 2023, pp. 1–4. doi: 10.1109/ICEPECC57281.2023.10209504

25. M. Khalid, M. Zahid, M. Yousaf, A. Akram, Y. Amin, and M. A. Qureshi, "An ultra miniaturized implantable antenna for gastrointestinal tract monitoring," in *2023 IEEE International Conference on Emerging Trends in Engineering, Sciences and Technology (ICES&T)*. Bahawalpur, Pakistan: IEEE, 9–11 January 2023, pp. 1–5. doi: 10.1109/ICEST56843.2023.10138844

24. S. K. Noon, M. Amjad, M. A. Qureshi, and A. Mannan, "Fast convergence of lightweight deep learning models for plant leaf disease recognition," in *2023 IEEE International Conference on Emerging Trends in Engineering, Sciences and Technology (ICES&T)*. Bahawalpur, Pakistan: IEEE, 9–11 January 2023, pp. 1–5. doi: 10.1109/ICEST56843.2023.10138858

23. A. Beghdadi, M. A. Qureshi, B.-E. Dakkar, H. H. Gillani, Z. A. Khan, M. Kaaniche, M. Ullah, and F. A. Cheikh, "A new video quality assessment dataset for video surveillance applications," in *2022 IEEE International Conference on Image Processing (ICIP)*. Bordeaux, France: IEEE, 16–19 October 2022, pp. 1521–1525. doi: 10.1109/ICIP46576.2022.9897415

22. A. Beghdadi, I. Bezzine, and M. A. Qureshi, "Perceptual quality-driven video surveillance system," in *2020 IEEE 23rd International Multitopic Conference (INMIC)*. Bahawalpur, Pakistan: IEEE, 5–7 November 2021, pp. 1–6. doi: 10.1109/INMIC50486.2020.9318122

21. F. H. Malik, F. Batool, A. Rubab, N. Chaudhary, K. B. Khattak, and M. A. Qureshi, "Retinal disorder as a biomarker for detection of human diseases," in *2020 IEEE 23rd International Multitopic Conference (INMIC)*. Bahawalpur, Pakistan: IEEE, 5–7 November 2021, pp. 1–6. doi: 10.1109/INMIC50486.2020.9318059

20. A. Qureshi, M. A. Qureshi, H. A. Haider, and R. Khawaja, "A review on machine learning techniques for secure IoT networks," in *2020 IEEE 23rd International Multitopic Conference (INMIC)*. Bahawalpur, Pakistan: IEEE, 5–7 November 2021, pp. 1–6. doi: 10.1109/INMIC50486.2020.9318092

19. S. K. Noon, M. A. Malik, M. A. Qureshi, and A. Mannan, "Overfitting mitigation analysis in deep learning models for plant leaf disease recognition," in *2020 IEEE 23rd International Multitopic Conference (INMIC)*. Bahawalpur, Pakistan: IEEE, 5–7 November 2021, pp. 1–5. doi: 10.1109/INMIC50486.2020.9318044

18. M. Ali, H. U. Zahoor, A. Ali, , and M. A. Qureshi, "Smart multiple attendance system through single image," in *2020 IEEE 23rd International Multitopic Conference (INMIC)*. Bahawalpur, Pakistan: IEEE, 5–7 November 2021, pp. 1–5. doi: 10.1109/INMIC50486.2020.9318103

17. W. Ali, M. Zahid, S. Shoaib, M. A. Qureshi, and A. Hussain, "W-band plumb shaped patch antenna for automotive radar and 5G applications," in *2nd International Conference on Electrical, Communication and Computer Engineering (ICECCE)*.   Istanbul, Turkey: IEEE, 12–13 June 2020, pp. 1–4. doi: 10.1109/ICECCE49384.2020.9179318

16. Z. A. Khan, A. Beghdadi, F. A. Cheikh, M. Kaaniche, and M. A. Qureshi, "A multi-criteria contrast enhancement evaluation measure using wavelet decomposition," in *2020 IEEE 22nd International Workshop on Multimedia Signal Processing (MMSP)*.   Tampere, Finland: IEEE, 21–24 September 2020, pp. 1–6. doi: 10.1109/MMSP48831.2020.9287051

15. A. Chetouani, M. A. Qureshi, M. Deriche, and A. Beghdadi, "A novel ranking algorithm of enhanced images using a convolutional neural network and a saliency-based patch selection scheme," in *2019 Eleventh International Conference on Quality of Multimedia Experience (QoMEX)*. Berlin, Germany: IEEE, 5–7 June 2019, pp. 1–6. doi: 10.1109/QoMEX.2019.8743152

14. A. Beghdadi, M. Asim, N. Almaadeed, and M. A. Qureshi, "Towards the design of smart video-surveillance system," in *2018 NASA/ESA Conference on Adaptive Hardware and Systems (AHS)*. EdinBurgh, UK: IEEE, 6–9 August 2018, pp. 162–167. doi: 10.1109/AHS.2018.8541480

13. A. Beghdadi, M. A. Qureshi, B. Sdiri, M. Deriche, and F. Alaya-Cheikh, "CEED - a database for image contrast enhancement evaluation," in *2018 Colour and Visual Computing Symposium (CVCS)*.   Gjovik, Norway: IEEE, 19–20 September 2018, pp. 1–6. doi: 10.1109/CVCS.2018. 8496603

12. M. A. Qureshi, A. Beghdadi, B. Sdiri, M. Deriche, and F. Alaya-Cheikh, "A comprehensive performance evaluation of objective quality metrics for contrast enhancement techniques," in *2016 6th European Workshop on Visual Information Processing (EUVIP)*.   Marseille, France: IEEE, 25–27 October 2016, pp. 1–5. doi: 10.1109/EUVIP.2016.7764589

11. Z. Long*, Y. Alaudah, M. A. Qureshi, M. A. Farraj, Z. Wang, A. Amin, M. Deriche, and G. Al-Regib, "Characterization of migrated seismic volumes using texture attributes: a comparative study," in *Proceedinds of the SEG 85th Annual Meeting*.   New Orleans, LA: Society of Exploration Geophysicists, 18–23 October 2015, pp. 1744–1748. doi: 10.1190/segam2015-5934664.1

10. M. Deriche, M. A. Qureshi, and A. Beghdadi, "An image compression algorithm using reordered wavelet coefficients with compressive sensing," in *2015 International Conference on Image Processing Theory, Tools and Applications (IPTA)*.   Orleans, France: IEEE, 10–13 November 2015, pp. 498–503. doi: 10.1109/IPTA.2015.7367196

9. M. A. Qureshi, M. Deriche, A. Beghdadi, and M. Mohandes, "An information based framework for performance evaluation of image enhancement methods," in *5th International Conference on Image Processing Theory, Tools and Applications (IPTA)*. Orleans, France: IEEE, 10–13 November 2015, pp. 519–523. doi: 10.1109/ipta.2015.7367201

8. A. Beghdadi, M. A. Qureshi, and M. Deriche, "A critical look to some contrast enhancement evaluation measures," in *2015 Colour and Visual Computing Symposium (CVCS)*.   Gjovik, Norway: IEEE, 25–26 August 2015, pp. 1–6. doi: 10.1109/CVCS.2015.7274888

7. M. A. Qureshi and M. Deriche, "A fast no reference image quality assessment using laws texture moments," in *2014 IEEE Global Conference on Signal and Information Processing (GlobalSIP)*.   Atlanta, GA, USA: IEEE, 3–5 December 2014, pp. 979–983. doi: 10.1109/GlobalSIP. 2014.7032267

6. M. A. Qureshi and M. Deriche, "A review on copy move image forgery detection techniques," in *2014 IEEE 11th International Multi-Conference on Systems, Signals & Devices (SSD14)*. Barcelona, Spain: IEEE, 11–14 February 2014, pp. 1–5. doi: 10.1109/SSD.2014.6808907

5. M. A. Qureshi, A. Aziz, and H. F. Rasool, "Design and implementation of automatic train ticketing system using verilog hdl," *ICCIT, pp-707-712*, 2012

4. M. A. Qureshi, A. Aziz, M. A. Saeed, M. Hayat, and J. S. Rasool, "Implementation of an efficient algorithm for human hand gesture identification," in *2011 Saudi International Electronics, Communications and Photonics Conference (SIECPC)*.   Riyadh, Saudi Arabia: IEEE, 24–26 April 2011, pp. 1–5. doi: 10.1109/SIECPC.2011.5876948

3. M. A. Qureshi, A. Aziz, H. F. Rasool, M. Ibrahim, U. Ghani, and H. Abbas, "Design and implementation of vending machine using verilog hdl," in *2011 2nd International Conference on Networking and Information Technology, IPCSIT*, vol. 17, 2011

2. A. Aziz, M. S. Shafqat, M. A. Qureshi, and I. Ahmad, "Performance analysis of power split hybrid electric vehicles using autonomie," in *2011 IEEE Student Conference on Research and Development.* Cyberjaya, Malaysia: IEEE, 19–20 December 2011, pp. 144–147. doi: 10.1109/SCOReD.2011.6148724

1. M. A. Qureshi, A. Aziz, and H. Bakhsh, "CIR improvement in a cellular mobile system using beamforming and power control," in *2010 International Conference on Networking and Information Technology.* Manila, Philippine: IEEE, 11–12 June 2010, pp. 294–297. doi: 10.1109/ICNIT.2010.5508510

📑 C. Thesis

1. M. A. Qureshi, "Objective assessment of quality of experience for diverse image processing applications," Ph.D. dissertation, King Fahd University of Petroleum and Minerals (Saudi Arabia), 2016

📑 D. Datasets / Open Source Software

2. CEED2016 - Open dataset dedicated to contrast enhancement quality evaluation

1. VSQuAD 2022 - Open dataset dedicated to video surveillance quality assessment

INVITED TALKS

– Topic "Driving Research Success with Mendeley", first episode organized by IEEE ComSoc, 2018.
– IEEE SPS Inauguration ceremony, 2018.
– Topic "Do's and Don'ts of Scientific Writing", 3rd IEEE Bahawalpur Subsection Student/YP/WIE Congress 2019.
– Topic "Driving Research Success with Mendeley" second episode organized by IEEE SPS, 2019.
– IEEE SPS: ASI Inauguration Ceremony, 2019.
– Topic "Professional Adventure: Search for Job", IEEE SPAA 2020.
– One day CPD Seminar on "Human Perception and Image Quality Evaluation", 22nd May 2017.
– One day CPD Workshop on "Effective Technical Manuscript Preparation using LATEX", 24th April 2018.
– CPD Seminar on "Driving Research Success with Mendeley", 8th November 2018.
– One day CPD Workshop on "Effective Technical Manuscript Preparation using LATEX", 25th April 2019.

ACADEMIC SERVICES

Curriculum Development

– **Co-Convener** Expert Member of the National Curriculum Review Committee (NCRC) Meeting of the National Technology Council (NTC) to draft the curriculum for B.Sc. Computer Engineering Technology Program in Pakistan.
The preliminary meeting was held at the Benazir Bhutto Shaheed University of Technology and Skill Development (BBSUTSD), Khairpur Mirs, Sindh on November 15-17, 2021.
The final meeting was held at HEC Regional Regional Center, Karachi, on January 17-19, 2022.

– **Secretary** Expert Member of the National Curriculum Review Committee (NCRC) Meeting of the National Technology Council (NTC) to draft the curriculum for B.Sc. Software Engineering Technology Program in Pakistan.
The preliminary meeting was held at Kohsar University Murree (KUM) on August 24-26, 2022.
The final meeting was held at National Skills University (NSU), Islamabad, December 14-16, 2022.

– **Member** Nominated as an expert member by the Higher Education Commission (HEC) to attend the consultative meeting to review and approve the curricula developed by the National Technology Council (NTC) for 15 disciplines at Zifan Hotel & Suites (29-B, P.E.C.H.S Block-6, Shahrah-e-Faisal) Karachi on February 23-24, 2023.

– Attended the four-day training workshop for newly approved Program Evaluators (PEVs) of the Punjab region on "Outcome Based Accreditation For Program Evaluators" organized by the Pakistan Engineering Council (PEC) at the University of Engineering & Technology (UET), Lahore on January 24-27, 2023. The Resource Person (Master Trainer) was Engr. Prof. Dr. Baber Saeed, Air University, Islamabad.

– Attended the one-day training workshop for Program Evaluators (PEVs) of the South Punjab region on "Outcome Based Accreditation For Program Evaluators" organized by the National Technology Council (NTC) at the Institute of Southern, Punjab (ISP), Multan, on June 16, 2023. The Resource person was Prof. Dr. Anwar Khitab, Dean, MUST, AJ&K. Remarks: Recommended

Program Accreditation Visits

– **Expert** NTC Club (Zero/Interim) Accreditation Visit of the University of Lahore (UoL), Punjab, Pakistan for BSc Information Technology Program on April 19-20, 2024.

– **Expert** NTC Zero Accreditation Visit of the Punjab Tianjin University of Technology (PTUT), Lahore, Punjab, Pakistan for BSc Software Engineering Technology Program on September 18-19, 2023.

– **Expert** NTC Re-Accreditation Visit of the University of Benazir Bhutto Shaheed University of Technology and Skill Development (BBSUTSD), Khairpur Mirs, Sindh, Pakistan for BSc Electronics Engineering Technology Program on June 7-8, 2023.

– **Convener and Expert** NTC Zero Accreditation Visit at Mirpur University of Science and Technology (MUST), Mirpur, Azad Jammu & Kashmir (AJK) for BSc Information Engineering Technology Program on August 1-2, 2022.

– **Expert** NTC Zero Accreditation Visit at National Skill University (NSU), Islamabad for BSc Information Engineering Technology Program on February 17-18, 2022.

– **Expert** Zero Accreditation Visit at Usman Institute of Technology University, Karachi for BSc Computer Engineering Technology Programs on December 3-4, 2021.

Membership of Academic Bodies

– **Member** of the Advanced Studies and Research Board (AS&RB), The Islamia University of Bahawalpur (2023-till date)

– **Member** of the Academic Council, The Islamia University of Bahawalpur (2021-till date)

– **Member** of the Board Studies, Department of Telecommunication Engineering, The Islamia University of Bahawalpur, Pakistan since 2008-2012.

– **Convener** of the Board Studies, Department of Information and Communication Engineering, The Islamia University of Bahawalpur, Pakistan since 2021 - to date.

– **Member** of the Synopsis Evaluation committee of the Department of PhD Electrical Engineering, Faculty of Engineering & Technology, The Islamia University of Bahawalpur, Pakistan

Editorial Activity

– **Academic Editor** of Plos One (from March 2023 –)

– **Review Editor** of Frontiers in Signal Processing: Image Processing (from January 2023 –)

– **Associate Editor** of International Journal on Information and Communication Technology (IJOICT) (from March 2020 –)

International Journal Reviewer

- IEEE Access (Impact Factor: 3.987)
- IEEE Transactions on Information Forensics and Security (Impact Factor: 4.332)
- IEEE Sensors Journal (Impact Factor: 2.512)
- Digital Signal Processing, Elsevier (Impact Factor: 2.337)
- Signal Processing: Image Communication, Elsevier (Impact Factor: 2.244)
- Eurasip Journal on Image and Video Processing, Springer (Impact Factor: 1.742)
- Multimedia Tools and Applications, Springer (Impact Factor: 1.352)
- IET Image Processing (Impact Factor: 1.401)
- IET Signal Processing (Impact Factor: 1.250)
- IET Electronic Letter (Impact Factor: 1.155)
- Computing and Informatics
- MDPI (Information)
- Engineering Science & Technology, an International Journal, Elsevier
- Review Editor on the Editorial Board of Image Processing (specialty section of Frontiers in Signal Processing and Frontiers in Imaging)

International Conference Reviewer

- International Symposium on Intelligent Systems Technologies and Applications (ISTA)
- International Conference on Image Processing Theory, Tools and Applications (IPTA)
- 2019 Eleventh International Conference on Quality of Multimedia Experience (QoMEX), Berlin, Germany, June 5-7, 2019.
- The 11th European Workshop on Visual Information Processing, September 11-14, 2023, Gjøvik, Norway.

Conference Organizing Committees

- **Member**, Scientific Program Committee, International Conference of Image Processing Theory, Tools and Applications (IPTA), IEEE, Orleans, France, 10-13 Nov. 2015.
- **Organizer Special Session** on "Perceptual visual information quality enhancement evaluation: challenges and opportunities", in 11th International Conference on Quality of Multimedia Experience (QoMEX 2019), June 5-7, 2019, Berlin, Germany
- **Organizer Special Session** on "Underwater Image/Video Processing and analysis", in: 10th tenth International Conference on Image Processing Theory, Tools and Applications (IPTA 2020), July 7-10, 2020, Paris, France
- **Chair Special Session** on "Signal Processing and Applications" in: 17th IEEE International Multi-Conference on Systems, Signals & Devices (SSD2020), July 20-23, 2020, Sfax, Tunisia
- **Organizer and Chair** 2020 IEEE 23rd International Multi-topic Conference (INMIC), November 5-7, 2020, Bahawalpur, Pakistan
- **Organizer and General Chair** 2022 IEEE SPS Seasonal School on Video Surveillance Application and Monitoring, 2022, Islamia University of Bahawalpur, Pakistan
- **Organizer and General Chair** 2022 IEEE R10 Mini Panel of Conference Workshop (POCO), 2022, IEEE Bahawalpur Subsection, Bahawalpur, Pakistan
- **Organizer and General Chair** 2023 IEEE International Conference on Emerging Trends in Engineering, Science & Technology (ICES&T), January 9-11, 2023, Bahawalpur, Pakistan
- **Publication Chair** The 11th European Workshop on Visual Information Processing, September 11-14, 2023, Gjøvik, Norway.

Fellowships and Visiting Appointments

- **Visiting Lecturer** at L2TI, University Paris 13, France (21 July - 02 August 2018)

Member Doctoral Thesis Examination

- 03 times as member of the Thesis Defense Jury

UNIVERSITY AND DEPARTMENT SERVICES

Year	Committee	Formed by	Position	Approx. No. of Meetings
2022-2023	Library Committee	University	Member	2/yr

PROFESSIONAL SERVICES

– **Chair**, IEEE Bahawalpur Subsection GEO Code: R000302

– **Branch Counselor**, IEEE Student Branch at University College of Engineering and Technology - Islamia University of Bahawalpur, Pakistan (Student Branch code: 05611, School code: 60047544) for the period April 2010 to September 2012.

– **Advisor**, IEEE Signal Processing Society (SPS) Student Chapter Unit SBC05611E - UCET -The Islamia University of Bahawalpur, SP01.

ORGANIZING ROLES:

– As Chair 3rd IEEE Bahawalpur Subsection Student/YP/WIE Congress 2019.

– As Chair Technical Committee 4th IEEE Asia/Pacific ComSoc Summer School Program, 2019.

– As Co-organizer IEEE Young Professionals Leadership Conference (YPLC), 2020.

– As Chair IEEE 23rd International Multi-topic Conference (INMIC), November 5-7, 2020.

– As Chair, 2022 IEEE International SPS Seasonal School on Video Surveillance and Monitoring, September 5-6, 2022, Bahawalpur, Pakistan.

– As General Chair 2023 IEEE International Conference on Emerging Trends in Engineering, Sciences & Technology (ICES&T), January 9-11, 2023, Bahawalpur, Pakistan.

RESEARCH GRANTS:

Funding Agency	Title	Role	Period	Amount (Millions PKR)
ORIC, Islamia Univ. Bahawalpur, Pakistan	Perceptual Quality-Driven Framework for Intelligent Video Surveillance	PI	One year (2023-2024)	0.630

TEACHING

Course coordinator of the following courses with the associated laboratory works.

Course	Level
Emerging Technologies in Telecommunication Systems	Undergraduate
Signals & Systems	Undergraduate
Digital Signal Processing	Undergraduate
Control Systems	Undergraduate
VLSI System Design	Undergraduate
Microcomputer & Interfacing	Undergraduate
Basic Electrical Engineering	Undergraduate
Satellite Communications	Undergraduate
Programming Fundamentals	Undergraduate
Object Oriented Programming	Undergraduate
Multimedia Communication	Undergraduate
Introduction to Computing	Undergraduate
Image & Video Processing	Undergraduate
Operating Systems	Undergraduate
Advanced FPGA Design	Graduate
Digital Image Processing	Graduate
Research Methodology	Graduate
Stochastic Processes	Graduate
Optimization Techniques	Graduate
Biostatistics	Graduate
Pattern Recognition	Graduate

STUDENT SUPERVISIONS

Current Students

No.	Name	Level
1	Farhan Hassan Malik	PhD
2	Zulfiqar Ahmed	PhD
3	Hamamd Hassan Gillani	PhD
4	Samia Dilbar	PhD
5	Usman Zafar	PhD
6	Majida Alvi	PhD
6	Muhammad Kamran	Masters
7	Muhammad Naeem	Masters
8	Fizza Mustafa	Masters

Past Students

No.	Name	Level	Graduation
1	Usama Zahoor	Masters	Graduated 2018
2	Ahmed Al Shaheer	Masters	Graduated 2018
3	Aqsa Rashid	Masters	Graduated 2020
4	Sehrish Sarwar	Masters	Graduated 2020
5	Hafiz Khurram Iqbal	Masters	Graduated 2020
6	Muhammad Amir Khan	Masters	Graduated 2020
7	Yasir Ali	Masters	Graduated 2021
8	Farwa Batool	Masters	Graduated 2022
9	Aleezay Rubaab	Masters	Graduated 2022
10	Syed Fahad Hassan Zaidi	Masters	Graduated 2022
11	Afraz Ali	Masters	Graduated 2022
12	Usman Hassan Malik	Masters	Graduated 2023
13	Muhammad Shoaib	Masters	Graduated 2023
14	Shehryar Qamar Paracha	Masters	Graduated 2023
15	Iram Haider	Masters	Graduated 2024
16	Ansar Bilal	Masters	Graduated 2024
17	Atta Ur Rehman	Masters	Graduated 2024
18	Ahmad Hayat Wagan	Masters	Graduated 2024

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML/CSS, SQL, Matlab, Verilog HDL, Assembly, Visual Basic, Fortran

Developer Tools: Microsoft Visual Studio, Borland C++ Builder

Technologies/Frameworks: : WordPress

✈ INTERNATIONAL TRAVEL HISTORY

China (2010)   Singapore (2011)   Saudi Arabia (2011, 2012-2016)   Hong Kong (2011)
Dubai (2015)   France (2015, 2016, 2018)

AREAS OF INTEREST & EXPERTISE

Image and Video Processing   Image and Video Quality Assessment   Multimedia Forensics   Image Compression
Chip Design   Machine Learning   Internet of Things   Contrast Enhancement

REFERENCES

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Prof. Dr. Muhammad Amjad

Professor and Dean, Faculty of Engineering and technology

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