

Dr. Ghulam Jillani Ansari

Assistant Professor (CS)
University of Education, Lahore
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Personal Information:

Father's Name	Abdul Rauf Ansari
Date of Birth	July 08, 1978
Marital Status	Married
C.N.I.C. #	36302-6400666-3
Domicile	Multan (Pakistan)
Religion	Islam
NTN:	2394336-0

Academic Qualifications:

Degree/Certificate	From	Year
PhD (Computer Science) (Doctorate)	COMSATS University, Islamabad HEC PCD No: 21171	2020
MS (Computer Science) (Post-Graduation)	University of Agriculture, Faisalabad	2004
M.Sc. (Computer Science) (Graduation)	Bahauddin Zakariya University, Multan	2000
B.Sc. (Computer Science) (Bachelors)	Bahauddin Zakariya University, Multan	1998
H.S.S.C (Pre-Engineering) (Intermediate)	B.I.S.E. Multan	1996
S.S.C (Science) (Matric)	B.I.S.E. Multan	1993

Work Experience:

- Working as an Assistant Professor of Computer Science at University of Education, Lahore (Multan Campus) since 22nd September, 2020 to-date
- Worked as an Assistant Professor of Computer Science at University of Education, Lahore (DG Khan Campus) from 15th October, 2019 to 21st September, 2020
- Worked as an Assistant Professor in Computer Science at University of Education, Lahore (Multan Campus) from 13th August, 2010 to 14th October, 2019
- Worked as a Lecturer in Computer Science at University of Education, Lahore (Attock Campus) from 28th June, 2006 to 12th August, 2010.
- Worked as a Lecturer in Computer Science at University of Education, Lahore (Multan Campus on contract) from 25th October 2005 to 27th June 2006.
- Worked as an Instructor Computer at Govt. Commercial Training Institute Shujabad from 03rd March, 2005 to 30th September, 2005
- Worked as a Part Time Lecturer in Department of Computer Sciences, Bahauddin Zakariya University, Multan to teach M.Sc. (TS), M.Sc. (CS), BS(CS), BIT and MIT classes from August 2004 to 27th June 2006.
- Worked as a Part Time Lecturer in Department of Computer Sciences, University of Agriculture Faisalabad to teach M.Sc. (CS) classes from December 2002 to December 2003.

Major Duties/Responsibilities at UE Multan Campus:

- Project monitoring officer vide letter No. UE/R/2023/1318 dated August 08, 2023
- Convener Repair Renovation & Original Works Committer vide notification No. UE/DD-G/2021/1940 dated September 30, 2021
- Member unserviceable items committee vide notification No. UE/DD-G/2021/1940 dated September 30, 2021
- Sports Coordinator vide letter No. UE/R/2025/3027 dated August 22, 2025
- Focal Person Alumni vide letter No. UE/R/2025/4679 dated December 19, 2025
- Member UE fact Checking Committee vide letter No. UE/R/2024/4112 dated November 28, 2024
- Worked as Security coordinator vide notification No. UE/R/2022/1348 dated April 05, 2022
- **Worked as Coordinator IS Department UE Multan Campus vide notification No. UE/DD/2020/929 dated September 22, 2020**
- **Worked as Coordinator IS Department UE DG Khan Campus vide notification No. UE/R/2020/1336 dated March 13, 2020**
- **Worked as Chairperson Department of Information Sciences University of Education, Lahore vide notification No. UE/R/2020/1336 dated March 13, 2020**

Thesis/Research in PhD (CS):

- Natural Scene Text Understanding using Machine Learning.

International Journal Publications:

- **G. J. Ansari, J. H. Shah, M. Yasmin, M. Sharif, and S. L. Fernandes, "A novel machine learning approach for scene text extraction," *Future Generation Computer Systems*, vol. 87, pp. 328-340, 2018. [IF 7.5, W-Category, Platinum]**

- **G. J. Ansari**, J. H. Shah, M. Sharif, and S. ur Rehman, "A novel approach for scene text extraction from synthesized hazy natural images," *Pattern Analysis and Applications*, pp. 1-18, 2019. [IF 3.9, X-Category, Honorable]
- **G. J. Ansari**, J. H. Shah, M. C. Farias, M. Sharif, N. Qadeer, and H. U. Khan, "An Optimized Feature Selection Technique in Diversified Natural Scene Text for Classification Using Genetic Algorithm," *IEEE Access*, vol. 9, pp. 54923-54937, 2021. [IF 3.9, W-Category, Silver]
- **G. J. Ansari**, J. H. Shah, M. A. Khan, M. Sharif, U. Tariq, and T. Akram, "A Non-Blind Deconvolution Semi Pipelined Approach to Understand Text in Blurry Natural Images for Edge Intelligence," *Information Processing & Management*, vol. 58, p. 102675, 2021/11/01/2021. [IF 8.6, W-Category, Gold]
- R. Saleem, J.-H. Shah, M. Sharif, and **G.-J. Ansari**, "Mango Leaf Disease Identification Using Fully Resolution Convolutional Network," *Computers, Materials & Continua*, vol. 69, pp. 3581-3601, 2021. [IF 3.861, W-Category, Bronze]
- U. Yasmeen, J. H. Shah, M. A. Khan, **G. J. Ansari**, S. U. Rehman et al., "Text detection and classification from low quality natural images," *Intelligent Automation & Soft Computing*, vol. 26, no.6, pp. 1251–1266, 2020. [IF 1.647, X-Category, Clay]
- M. S. Amin, J. H. Shah, M. Yasmin, **G. J. Ansari**, M. A. Khan, U. Tariq, Y. J. Kim, and B. Chang, "A Two Stream Fusion Assisted Deep Learning Framework for Stomach Diseases Classification," *CMC-COMPUTERS MATERIALS & CONTINUA*, vol. 73, pp. 4423-4439, 2022. [IF 3.861, W-Category, Bronze]
- N. Ahmad, J. H. Shah, M. A. Khan, J. Baili, **G. J. Ansari**, U. Tariq, Y. J. Kim, and J.-H. Cha, "A novel framework of multiclass skin lesion recognition from dermoscopic images using deep learning and explainable AI," *Frontiers in Oncology*, vol. 13, p. 1151257, 2023. [IF 4.7, W-Category, Silver]
- S. Naeem, S. A. Ramay, M. A. Baloch, **G. J. Ansari**, A. M. Soomro, and A. Hussain, "Multi-Animal Recognition in Zoo Cluster using Deep Learning Technique," *Journal of Computing & Biomedical Informatics*, vol. 4, pp. 18-28, 2023. [HEC Recognized, Y-Category]
- H. Byeon, S. Chitta, S. N. Shavkatovich, **G. J. Ansari**, M. Alhaisoni, and Y.-d. Zhang, "Graphical Deep Learning Prediction Model for Stock Risk Management," *Fluctuation and Noise Letters*, 2023. [IF 1.8, X-Category, Null]
- R. Nazeer, S. Ali, Z. Hu, **G. J. Ansari**, M. Al-Razgan, E. M. Awwad, and Y. Y. Ghadi, "Detection of cotton leaf curl disease's susceptibility scale level based on deep learning," *Journal of Cloud Computing*, vol. 13, p. 50, 2024. [IF 4.4, W-Category, Bronze]
- K. M. Katubi, A. M. Rouf, B. Siddique, M. F. Nazar, **G. J. Ansari**, Z. Alrowaili, and M. Al-Buriahi, "Machine learning-assisted chemical space generation of small molecule organic semiconductors for efficient photodetectors," *Computational Materials Science*, vol. 241, p. 113037, 2024. [IF 3.3, W-Category, Bronze]
- M. N. Sarwar, Z. Javed, M. S. Farooq, M. F. Nazar, S. H. Wasti, I. H. Butt, **G. J. Ansari**, R. Basri, S. Kulsoom, and Z. Ullah, "Impact of a Digital Growth Mindset on Enhancing the

Motivation and Performance of Chemistry Students: A Non-Cognitive Approach," *Societies*, vol. 14, p. 133, 2024. [IF 1.7, W-Category, Bronze]

National Journal Publications:

- S. A. Ramay, K. Kanwal, H. A. Javid, T. Abbas, **G. J. Ansari**, and M. Irfan, "Enhancing Fruit Quality Detection with Deep Learning Models," *Journal of Computing & Biomedical Informatics*, vol. 6, pp. 28-40, 2023. [HEC Recognized, Y-Category]
- S. K. Hussain, S. A. Ramay, T. A. Khan, A. Huraira, M. A. Huraira, M. Fiaz, and **G. J. Ansari**, "Deep Learning-Based Ophthalmic Disease Detection: A Systematic Review," *Journal of Computing & Biomedical Informatics*, vol. 6, pp. 160-172, 2023. [HEC Recognized, Y-Category]
- Muhammad Irfan, Sajid Ali, and Ghulam Jillani Ansari, (2024). "Multilingual and Multimodal Federated Small Language Model for Global 6G Edge Intelligence", *Physical Education, Health and Social Sciences (JPEHSS)*, vol. 2, no. 4, pp. 16–22. [HEC Recognized, Y-Category]
- Sajid Ali, Ghulam Jillani Ansari, and Shehbaz Hassan Wasti, (2024). "The Role of Instructor Digital Pedagogical Competence in Enhancing Learning Outcomes from Online Learning Platforms in Higher Education", *Al-Jamei Research Journal*, vol. 2, no. 1. [HEC Recognized, Y-Category]
- Ashfaq, K., Hussain, K., Anjum, M. N., Ramay, S. A., & **Ansari, G. J.** (2025). "FOMO, Fun, and Future Coins: Decoding the Psychology of Crypto Investment". *Journal of Social Horizons*, 2(3), pp. 96-105. [HEC Recognized, Y-Category]
- Fawad, F., Lodhi, M. M. K., & **Ansari, G. J.** (2025). "Role of financial planning, governance, and digital ERP transformation in driving sustainable performance: Evidence from Abu Dhabi and the UAE". *Journal of Humanities, Health and Social Sciences*, 3(2), 32–42. [HEC Recognized, Y-Category]
- Wasti, S. H., Hussain, M., & **Ansari, G. J.** (2025). "ORANGE PLANT LEAF DISEASE DETECTION AND CLASSIFICATION WITH IMAGE PROCESSING USING A DEEP CONVOLUTIONAL NEURAL NETWORK". *Journal of Applied Linguistics and TESOL (JALT)*, 8(4), pp. 1527-1536. [HEC Recognized, Y-Category]
- **Ansari, G. J.**, Hussain, S., & Wasti, S. H. (2025). "MULTI-CLASS BRAIN TUMOR CLASSIFICATION BASED ON CNN AND TRANSFER LEARNING FRAMEWORK USING MRI IMAGES", *Contemporary Journal of Social Science Review (CJSSR)*, vol. 3, no. 2, pp. 3124–3135. [HEC Recognized, Y-Category]
- Wasti, S. H., **Ansari, G. J.**, and Jahan, J. (2025). "Multi-Class Sentiment Analysis of Twitter Data Using Bert-Based Model", *Social Sciences & Humanity Research Review (SSHRR)*, vol. 3, no. 4. [HEC Recognized, Y-Category]
- **Ansari, G. J.**, Wasti, S. H., and M. N. Sarwar. (2025). "MumtahnGPT: A preparatory tool for reducing anxiety and enhancing students' academic performance with retrieval-augmented generation and AI feedback", *Social Sciences Spectrum (SSS)*, vol. 4, no. 2. [HEC Recognized, Y-Category]

- Jahan, J., Wasti, S. H., and **Ansari, G. J.** (2025). "TRACKING LINGUISTIC CHANGE IN INSTAGRAM YOUTH LANGUAGE VIA AN AUTOMATED CORPUS DASHBOARD FOR FREQUENCY SHIFTS AND NEOLOGISM DETECTION", *Social Sciences & Humanity Research Review*, (SSHRR), vol. 3, no. 4. [HEC Recognized, Y-Category]
- Shahbaz Hassan Wasti, **Ghulam Jillani Ansari**, Sajid Ali. (2025). "Multimodal feature fusion technique for robust classification using Natural Scene Text Binary Images", *Social Sciences Spectrum* (SSS), vol. 4, no. 1. [HEC Recognized, Y-Category]
- Wasti, S. H. ., Ali, S. ., & **Ansari, G. J.** (2025). "Zero Trust and ABAC-based Framework for University Management Systems", *Journal of Political Stability Archive*, vol. 3, no. 4, pp 1476-1483. [HEC Recognized, Y-Category]
- **Ghulam Jillani Ansari**, Ali, S., & Wasti, S. H. (2025). "An Entropy Driven Feature Selection Technique for Scene Text Classification using Crow Search Optimization. Journal of Social and Organizational Matters", vol. 4, no. 1, pp. 616–624. [HEC Recognized, Y-Category]

Conference Paper:

- **G. J. Ansari**, J. H. Shah, and M. Sharif, "Text Understanding from Natural Images with Enhanced Classification using Genetic Algorithm," in 2021 *International Conference on Frontiers of Information Technology (FIT)*, 2021, pp. 275-280.
- Kanwal, S., Ali, S., Alahmadi, T. J., Assam, M., **Ansari, G. J.**, & Bhatti, U. A. (2024). *Pretrained Model with CNN for Lung Cancer Identification and Classification*. Paper presented at the 2024 7th International Conference on Pattern Recognition and Artificial Intelligence (PRAI).

Book Chapter:

- M. Sharif, **G. J. Ansari**, M. Yasmin, and S. L. Fernandes, "Reviews of the Implications of VR/AR Health Care Applications in Terms of Organizational and Societal Change," *Emerging Technologies for Health and Medicine: Virtual Reality, Augmented Reality, Artificial Intelligence, Internet of Things, Robotics, Industry 4.0*, pp. 1-19, 2018.

Training/Workshop:

- **Generative AI Application Developer Certificate** (*Certificate ID: ad522bb8cab9a28c*) issued by UETIANS Lahore Endowment Foundation, USA in collaboration with HEC, NCEAC, PakAngles, iCode Guru and Aspire Pakistan.

Funded Projects:

- RASTA CGP 8.0 Project Proposal "Cyber Threats Mitigation Method to Enhance On-Grid Solar Security in Pakistan using Machine Learning" submitted on October 5, 2025.
- Short Proposal Performa entitled "AI-Assisted, Smart Affordable Diagnostic Solution for Monitoring Fetal Development and Growth in Underserved Regions of Pakistan" successfully Submitted under Research Grant Application (NRPU) on October 18, 2025. Application ID: #2025/1651

Area of Interests:

- Computer Visualization & Graphics
- Artificial Intelligence, Machine Learning & Deep Learning
- Image Processing & Computer Vision
- Data Mining & Pattern Recognition