



ANAM NAZ

COMPUTER SCIENCE LECTURER

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<https://scholar.google.com/citations?user=zsWV9JEAAAAJ&hl=en>

RESEARCH PROFILE

Publication Count: 20
Impact Factor(IF) Publication: 18
Conferences: 01
Book Chapter: 01
Citation Count: 340+
H-index: 11
Reviewer of Top Journals

ABOUT ME

Dedicated researcher with MS in Computer Science, specializing in applying machine learning techniques for data analysis, predictive modeling, and extracting meaningful insights. Skilled in conducting high-quality research and publishing impactful findings. Passionate about teaching and committed to fostering an engaging and insightful learning environment. Seeking a rewarding faculty position to contribute academic expertise and inspire students. My research interests include **Artificial Intelligence** (Machine Learning and Deep Learning), **Data Science**, **Natural Language Processing**, and **Computer Vision** including Signal Processing.

QUALIFICATION

- MS (Computer Science)** 2022-2024
University of Sargodha
 - C.G.P.A 3.54 (Marks Percentage : 73.77%)
 - Research Thesis:** Personality Traits Detection from Online Textual Content using Machine Learning
- B.Ed (General Education - 1.5)** 2021-2022
Allama Iqbal Open University, Islamabad
 - C.G.P.A 3.18 (Marks Percentage : 71.17%)
- BS (Computer Science)** 2017-2021
University of Sargodha
 - C.G.P.A 2.71 (Marks Percentage : 67.88%)
 - Research Project:** "The challenges and case for Urdu DBpedia"
- Intermediate - ICS (Phy, Comp)** 2015-2017
Punjab Group of Colleges, Sargodha
 - 1st Division (Marks Percentage : 84%)
- Matriculation - Computer** 2013-2015
St. Doris Girls High School Sargodha
 - 1st Division (Marks Percentage : 86%)

WORK EXPERIENCE

- University of Sargodha (2024 till)
- ILM College, Sargodha (2023 – 2024)
- Intern: Govt. Degree College, Farooq Colony, Sargodha (2022 - 2023)
- Al-Suffah Saviour College-School, Sargodha (2021 - 2022)

RESEARCH EXPERIENCE

Reviewer of Top Journals

IJICTE (IF: 1.5)
PLOS One (IF: 2.6)
IEEE Access (IF: 3.9)

Reviewer of Top Journals

Computers in Human Behavior (IF:9.9)
ACM Transactions on the Web (IF: 4.1)
Journal of Medical Internet Research (IF: 6.0)

RESEARCH PUBLICATIONS - COUNT 20

20. **Anam Naz**, Hikmat Ullah Khan, Abdullah Alharbi, Wael Alosaimi, Ali Daud, Muzamil Ahmed; "LLM Predicts Human Behavior: A BERT-based Approach for Conscientiousness Personality Trait Detection from Online Content", Acta Psychologica (IF:2.7) (2026).
19. Fawaz Khaled Alarfaj, **Anam Naz**, "Exploring vision transformers for deep feature extraction and classification in video genre recognition for digital media", Scientific Reports (IF:3.8) vol 15, 13251 (2025).
18. Abdul Wahid, Hikmat Ullah Khan, **Anam Naz**, Fawaz Khaled Alarfaj; Hybrid LeViT combining Deep Learning based Convolutions and Vision Transformers for Classification of Top Products Designs; Plos One, IF: 3.9
17. Syeda Hira Amjad, Hikmat Ullah Khan, Ali Daud, **Anam Naz**, Aseel Smerat; "Rephrasing detection in machine generated content using deep learning transformers and feature engineering with local agnostic interpretability"; Engineering Applications of Artificial Intelligence (IF: 8.0) (2026).
16. Zain Farooq, Muhammad Ramzan, Muhammad Bilal, Muhammad Attique, Tae-Sun Chung, **Anam Naz**; "A multi-class framework for fish species classification using deep learning technique"; PloS One (IF:2.9) vol. 20 (5) (2026).
15. Mahwish Ilyas, Sehrish Noreen, **Anam Naz**, Muhammad Bilal, Muhammad Ramzan, Muhammad Summair Raza; "Smart Agriculture: AI-based System for Classification of Fresh, Rotten, and Formalin Fruits"; Y-Category; University of Sindh Journal of Information and Communication Technology (JICT), vol 09 (2026).
14. **Anam Naz**, Hikmat Ullah Khan, Amal Bukhari, Bader Alshemaimri, Ali Daud, Muhammad Ramzan "Machine and deep learning for personality traits detection: a comprehensive survey and open research challenges", Artificial Intelligence Review (IF:13.2) (2025).
13. **Anam Naz**, Hikmat Ullah Khan, Tariq Alsahfi, Mousa Alhajlah, Bader Alshemaimri, Ali Daud "Using transformers and Bi-LSTM with sentence embeddings for prediction of openness human personality trait", PeerJ CS (IF:3.5) vol 11 (2025)
12. Fawaz Khaled Alarfaj, Hikmat Ullah Khan, **Anam Naz**, Naif Almusallam; "A Real-Time Large Language Model Framework with Attention and Embedding Representations for Misinformation Detection", Engineering Applications of Artificial Intelligence (IF: 8.0) (2025).
11. Fawaz Khaled Alarfaj, Amara Muqadas, Hikmat Ullah Khan, **Anam Naz**, "Clickbait Detection in News Headlines using RoBERTa-Large Language Model and Deep Embeddings", Scientific Reports (IF:3.8) vol 15, 13251 (2025).

RESEARCH PUBLICATIONS - COUNT 20

10. Hikmat Ullah Khan, **Anam Naz**, Fawaz Khaled Alarfaj, Naif Almusallam, "Identifying artificial intelligence-generated content using the DistilBERT transformer and NLP techniques, Scientific Reports (IF:3.8) vol 15 (2025)
9. Hikmat Ullah Khan, **Anam Naz**, Fawaz Khaled Alarfaj, Naif Almusallam, RoBERTa-Large LLM for Examining Mental Health of Students through Sentiment Analysis and Data Analytics, Frontiers in Big Data (IF:2.8) vol 8 (2025)
8. Hikmat Ullah Khan, **Anam Naz**, Fawaz Khaled Alarfaj, Naif Almusallam, "A transformer-based architecture for collaborative filtering modeling in personalized recommender systems, Scientific Reports (IF:3.8) vol 15 (2025)
7. **Anam Naz**, Hikmat Ullah Khan, Sami Alesawi, Omar Ibrahim Abouola, Ali Daud, Muhammad Ramzan "AI Knows You: Deep Learning Model for Prediction of Extroversion Personality Trait", IEEE Access (IF:3.7) (2024).
6. **Anam Naz**, Hikmat Ullah Khan, Amal Bukhari, Ali Daud, Muhammad Ramzan "Using deep learning and word embeddings for predicting human agreeableness behavior", Scientific Reports (IF:3.8), vol. 14 (2024).
5. Amara Muqadas, Hikmat Ullah Khan , Muhammad Ramzan, **Anam Naz**, Tariq Alsahfi, Ali Daud "Deep Learning and Sentence Embeddings for Detection of Clickbait News from Online Content", Scientific Reports (IF:3.8) vol 15 (2025)
4. Mahwish Ilyas, Muhammad Ramzan, Mohamed Deriche, Khalid Mahmood, **Anam Naz** "An efficient leukemia prediction method using machine learning and deep learning with selected features", PloS One (IF:2.9) vol. 20 (5) (2025)
3. Mahwish Ilyas, Muhammad Bilal, Nadia Malik, Hikmat Ullah Khan, Muhammad Ramzan, **Anam Naz** "Using Deep Learning Techniques to Enhance Blood Cell Detection in Patients with Leukemia", Information (IF:3.1), vol. 15(12), (2024).
2. **Anam Naz**, Muhammad Sarwar, Muhammad Kaleem, Muhammad Azhar Mushtaq, Salman Rashid, "A comprehensive survey on social engineering-based attacks on social networks" International Journal of Advanced and Applied Sciences vol. 11(4) (2024)
1. Shanza Rasham, **Anam Naz**, Zunaira Afzal, Waleed Ahmed, Qandeel Abbas, M Hammad Anwar, Muhammad Ejaz, Muhammad Ilyas, "The challenges and case for urdu DBpedia", Proceedings of International Conference on Information Technology and Applications: ICITA 2021

BOOK CHAPTER

- Chapter Title: An Interpretable Deep Neural Framework for Topic-Aware Analysis of Fandom Conflicts on Social Platforms - Chapter 7
- Book Name: Advanced Decision-Making Under Uncertainty; ISBN#: 978-981-95-8695-0
- Author: **Anam Naz**, Hikmat Ullah Khan. doi: 10.1007/978-981-95-8696-7
- Publisher: Springer CIEA

RESEARCH COLLABORATION

- Taif University, Saudi Arabia - TU-DSPP-2024-67; 2026
- King Faisal University - KFU260727; 2026
- King Faisal University - KFU261384; 2026
- Institute of Information & communications Technology Planning & Evaluation (IITP) under the Artificial Intelligence Convergence Innovation Human Resources Development (IITP-2026 RS-2023-00255968); 2026
- ITRC (Information Technology Research Center) support program (IITP-2026-2021-0-02051) by the Korea government(MSIT); 2026.
- King Faisal University - KFU252326; 2025
- King Faisal University - KFU253383; 2025
- King Saud University - RSP2024R458; 2025
- King Faisal University - KFU252377; 2025
- Ajman University -IDG-ENIT-1, IRG-ENIT-36, and IRG-ENIT-29, 2024

COURSES EXPERIENCE

- Machine Learning (2025 – 7th Semester)
- Data Mining (2024 – 5th and 7th Semester)
- Professional Practices (2024 – 5th Semester)
- E-Commerce Mobile Application (2024 – 5th Semester)
- Software Engineering (2023) (2026)
- Objected Oriented Programming (2023)
- Introduction to Programming (2023)

PERSONAL INFORMATION

Father Name	Advocate Malik Tahir Masood Awan
Date of Birth	December 12, 2000
N.I.C. No	38403-2797-3580
Marital Status	Single
Nationality	Pakistani
Domicile	Punjab

REFERENCES

Prof. Dr. Hikmat Ullah Khan Dean of Computer Science Department, University of Wah, Pakistan Email: dr.hikmat.niazi@gmail.com Contact No: +92 300 5601915	Dr. Muhammad Ramzan Malik Lecturer, University of Sargodha Department of Software Engineering Email: muhammad.ramzan@uos.edu.pk Contact No: +92 333 6821299 Anam Naz
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