

SAIMA GUL

Instructor, Faculty of Engineering & Natural Sciences

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Dr. Saima Gul is a dedicated academic and researcher with more than 15 years of teaching experience in Computer Science. She holds a Ph.D. in Computer Science and Engineering from Sabanci University and has a good research background in Artificial Intelligence and Data Science.

Currently, she serves as an Instructor in the Faculty of Engineering and Natural Sciences at Sabanci University, where she is actively involved in teaching, curriculum development, and student mentorship. Dr. Gul is deeply committed to advancing research and knowledge dissemination and is actively seeking collaborative research opportunities aimed at driving innovation in Artificial Intelligence and Machine Learning.

EDUCATION

Doctor of Philosophy in Computer Science & Engineering

Sabanci University, Istanbul | 2015 – 2022

Master of Science in Computer Science

BUIEMS, Quetta | 2007 – 2010

PROFESSIONAL EXPERIENCE

INSTRUCOR

Sabanci University | Sep 2025-present

Faculty of Engineering & Natural Sciences Quetta

- Teaching core and elective computer science courses
- Mentoring undergraduate projects

ASSISTANT PROFESSOR

Computer Science Department, BUIEMS, Quetta | July 2011 - September 2025

- Taught a variety of Computer Science courses, focusing on practical labs and conceptual knowledge.
- Supervised undergraduate and graduate students on projects and theses.
- Contributed to curriculum development and innovation in teaching methodologies.
- Engaged in administrative responsibilities as a Cisco Academy coordinator/instructor
- Worked as Coordinator of MS & PH. D program of Computer Science Department
- Contributed as Member Board of Studies for CS department

LECTURER

Computer Science Department, BUITEMS | 2007 – 2011

- Designed and taught foundational and advanced courses in Computer Science.
- Played an instrumental role in developing students' core competencies in programming and systems analysis.

SKILLS

- Programming: Python, Java, C++, R
- Mobile App Development (Flutter, Firebase, Provider)
- Data Science & Machine Learning: NLP, Predictive Modelling, Data Analysis
- Tools: Jupyter Notebook, Google Colab, Git, TensorFlow

PROFESSIONAL CERTIFICATIONS

- CCNA (Cisco Certified Network Associate)
- CISCO Certified Instructor
- CCNA Security

PUBLICATIONS

-Context-based extraction of concepts from unstructured textual documents
S Gul, S Rübiger, Y Saygin Information Sciences 588, 248-264

-Insights From Feedback: Enhancing Fraud Awareness And Education For Business Success, Zahoor Ahmed, Saima Gul, Iba Sbs 3rd International Conference Innovation & Disruption: Business Success Through Ai May 30 – 31, 2024

-Crime Association Analysis in KPK, Pakistan: A Comprehensive Exploration, Zahoor Ahmed, Saima Gul, 3rd International Conference on Computational Intelligent Systems 2024 (ICCIS2024) 2-3rd December 2024

Submitted:

-Constructing a Concept Map with Difficulty Scores, S Gul, S Rübiger, Y Saygin, International Journal of Artificial Intelligence in Education

-Path Planning for Mobile Robots: A Comprehensive Review of RRT and Bug Algorithms, Danyal raza, Hania Batool, Zain Nadeem, Saima Gul, Robotics and Autonomous Systems

LANGUAGES

- English: Fluent
- Urdu: Native