

Dr. Sajeela Ashfaque Tago

Assistant Professor, Faculty of IT,
University of Modern Sciences
Tando Mohammad Khan, Sindh, Pakistan



About

Dr. Sajeela Ashfaque Tago is an Assistant Professor in the Faculty of IT at the University of Modern Sciences, Tando Mohammad Khan, Sindh, Pakistan. Her academic profile is registered with the Higher Education Commission (HEC) Pakistan under the Pakistan Content Directory (PCD). She holds a PhD in Computer Science from the University of Sindh, awarded under the **HEC Indigenous PhD Scholarship (2023)**, reflecting strong academic merit, national-level competitiveness, and research credibility.

Her research focuses on improving teaching and learning practices in higher and rural educational institutions through **digital pedagogy, learner-centered system design, artificial intelligence adoption, and pervasive learning systems**. She actively contributes to national and international academic forums and maintains an integrated profile of **research, teaching, and institutional academic governance**, aligned with international research funding expectations.

Experience

Assistant Professor, Faculty of IT

University of Modern Sciences, Tando Mohammad Khan, Sindh, Pakistan

[10/06/2025 – Present]

- Teaching undergraduate computing and IT courses
- Supervising student research and final-year projects

- Delivering curriculum aligned with higher education quality standards

Lecturer in Computer Science

ILMA University, Karachi, Pakistan

[10/06/2024 – 10/02/2025]

- Taught Computer Science and Information Technology courses
- Designed lectures, assessments, and examinations
- Mentored students in coursework and research-based projects

Teaching Assistant & Administrative Experience (VC Secretariat)

University of Sindh, Pakistan

[18/04/2013 – 04/06/2017]

- Assisted in teaching Computer Science and IT courses
- Maintained student records, assessments, and attendance
- Supported faculty in course preparation and evaluations
- Performed academic and administrative duties through temporary assignments in:
 - Vice Chancellor Secretariat
 - Directorate of Graduate Studies & Research
 - Audit Office
 - Admissions Branch
 - Senior Finance Office
- Gained institutional experience in academic governance, quality assurance, admissions management, financial oversight, and policy implementation

Web Developer

Hidaya, Pakistan

[10/02/2012 – 10/05/2012]

- Assisted in development of dynamic websites using HTML, CSS, PHP, and MySQL
- Worked on frontend and backend modules with responsive design
- Gained hands-on experience in debugging, hosting, and live deployment

Examiner

Sindh Public Service Commission (SPSC)

2025

- Prepared and submitted syllabus-aligned MCQs and subjective questions through the CBT system
 - Contributed to transparency, merit-based assessment, and academic quality assurance
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Qualification

- **PhD in Computer Science** – University of Sindh, **2023**
(HEC Indigenous PhD Scholarship)
 - **MPhil in Computer Science** – 2018
 - **BSc in Computer Science** – 2011
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Expertise

- Artificial Intelligence in Education
- Pervasive & Ubiquitous Learning Systems
- Technology Acceptance & Adoption Models
- Digital Learning Readiness

- Learner-Centered Pedagogy
 - Digital Transformation in Higher Education
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Publications

1. **Artificial Intelligence Adoption in HEIs to Educate Students: A Study of AI Adoption Barriers in Universities of Developing Countries**
Accepted for Oral Presentation, 22nd International Conference on Statistical Sciences,
Islamic Society of Statistical Sciences (ISOSS), University of Sargodha,
December 2025
2. **Modeling and Validating Pervasive Learning Acceptance in Pakistani Higher Educational Institutes: A UTAUT-Based Approach**
Spectrum of Engineering Sciences, 2025
3. **AI Integration into Teaching: Current System Preparedness and Future Perspectives**
Policy Research Journal, 2025
4. **Ubiquitous Learning in Higher Education in Pakistan: The Usage and Acceptance**
Journal of Development and Social Sciences, 2025
5. **Exploring Students' Perception of Artificial Intelligence Adoption in Rural Higher Education in Pakistan**
HEC-recognized Journal, 2025
6. **Pervasive Learning Acceptance and Usage in Universities of Hyderabad, Pakistan**
Pakistan Journal of Educational Research, 2023
7. **Embracing Ubiquitous Learning: Investigating Technology Adoption in Higher Education through Smart-PLS Approach**
Journal of Advances in Technology and Engineering Research, 2022

8. **Investigation of Mobility in Mobile Commerce Acceptance and Usage**
Journal of Information Systems and Digital Technologies, 2020
 9. **An Empirical Investigation of Mobile Commerce Adoption in Pakistan**
University of Sindh Journal of Information and Communication Technology, 2019
 10. **Role of Interface Design and Experience in Mobile Service Applications Acceptance**
Sindh University Research Journal (Science Series), 2018
 11. **A Conceptual Framework for Predicting Consumer Intention to Use Mobile Commerce in Sindh, Pakistan**
University of Sindh Journal of Information and Communication Technology, 2017
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Projects

- Supervised undergraduate and graduate research projects in AI-enabled learning systems
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Achievements

- **HEC Indigenous PhD Scholarship (2023)**
- **HEC-approved International Travel Grant** for IEEE International Conference, **Bahrain (2024)**
- **Accepted paper at 22nd International Conference on Statistical Sciences (ISOSS), 2025**
- Multiple national and international conference presentations (Lahore, Islamabad, Peshawar, Faisalabad, Sargodha)

- Recognized for integrating **research, teaching, and academic administration** in advancing AI-driven education in Pakistan
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Contact

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- **GoogleScholar:** <https://scholar.google.com/citations?user=I-L2vYIAAAAJ&hl=en>
- **LinkedIn:** <https://www.linkedin.com/in/dr-sajeela-a-1753b7155/>