

## Education

- 2023–Cont : **Master of Computer Science**, *Department of Computer and Software Technology* , University of Swat *Pakistan* .
- 2016–2020 : **Bachelor of Information Technology**, *Department of Computer and Software Technology* , University of Swat *Pakistan* .
- 2014–2016 : **Science General**, *Pakistan International School Riyadh Saudi Arabia* , Federal Board of Intermediate and Secondary Education Islamabad *Pakistan* .
- 2011–2013 : **Science**, *Pakistan International School Riyadh Saudi Arabia* , Federal Board of Intermediate and Secondary Education Islamabad *Pakistan* .

## Publications

### Journal Articles

- 2024 Sunawar Khan, Tehseen Mazhar, Muhammad Amir Khan, Tariq Shahzad, Wasim Ahmad, · **Afsha BiBi**, Mamoon M. Saeed , Habib Hamam., Comparative analysis of deep neural network architectures for renewable energy forecasting: enhancing accuracy with meteorological and time-based features, In *Discover Sustainability*.  
**Impact factor:3.0**
- 2024 Sunawar Khan, Tehseen Mazhar, Tariq Shahzad, **Afsha BiBi**, Wasim Ahmad, Muhammad Amir Khan, Mamoon M Saeed, Habib Hamam., Antenna systems for IoT applications: a review, In *Discover Sustainability*.  
**Impact factor:3.0**
- 2025 Sghaier Guizani, Tehseen Mazhar, Tariq Shahzad, Wasim Ahmad, **Afsha BiBi**, Habib Hamam., A systematic literature review to implement large language model in higher education: issues and solutions, In *Discover Education*.
- 2025 Sunawar khan, Tehseen Mazhar, Tariq Shahzad, Muhammad Amir Khan, Wasim Ahmad, **Afsha BiBi**, Habib Hamam., A Systematic Literature Review on the Applications, Models, Limitations, and Future Directions of Generative Adversarial Networks, In *IET Computers and Digital Techniques*.

### Book Chapters

- 2025 Aasma Iqbal, Tehseen Mazhar, Tariq Shahzad, Wasim Ahmad, **Afsha BiBi**, Ayesha Atta, Naila Naz, Applications and Innovations of Edge Computing in Industry 4.0 and 5.0, In *Auerbach Publications*.  
**Book:Computational Intelligence for Analysis of Trends in Industry 4.0 and 5.0**

## Professional Experience

- 2021–till date : **Computer Instructress**, *Government Technical and Vocational Centre Madyan, Madyan Swat, KP, Pakistan* .
- 2021–2021 : **System Administrator**, *Ample The Consultants, Peshawar, KP, Pakistan* .

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## Computer skills

Programming Languages Python, PyTorch, keras, R, C, C++, Advanced JAVA  
Web Technologies HTML 5, PHP, JSP, Javascript  
Database SQL, MySQL, Apache, Neo4j

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## Referees

### **Dr.Sana Ullah**

*Chairman, Department of Computer Science  
and Software Technology*  
University of Swat  
✉ sana@uswat.edu.pk

### **Atta ur Rahman**

*Principal, Government Technical and Vocational  
Centre Madyan*  
Swat, Pakistan  
✉ ataqandil@gmail.com