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Ms. Tanzeela



Date of Birth 10/04/1992

PROFILE SUMMARY

Dedicated and accomplished course instructor and academic researcher with a passion for advancing knowledge in the field of Zoology. Proven track record of conducting rigorous research, publishing in reputable journals, and effectively collaborating with interdisciplinary teams.

LANGUAGES

English: Good

Urdu: Good

Pashtu: Native

SKILLS

Teaching and Training

Research and Lab work

Lab animal Handling and rearing

Academic Writing

Curriculum Development

Lab Skills

- PCR
- Electrophoresis
- Microscopy
- Histopathology
- Lab mice rearing and feeding
- Animal stuffing, preservation

PROFESSIONAL EXPERIENCE

Lecturer in Zoology, Women University Sep 2019—June 2025

Taught various major and general courses such as Biotechnology, cell and molecular biology, Molecular diagnostic techniques, Animal Diversity, Parasitology, Zoogeography, Reproductive biology, Science of climate change to BS and MSc Zoology
Supervised 5 BS students research on various aspect of Zoological science
Co-supervised 2 M.Phil. students

Program Team Member

2020-23

Quality Enhancement Cell, Women University Swabi

Contributed to academic quality assurance by preparing Departmental Self-Assessment Reports (SAR) and Program Review & Evaluation Exercise (PREE) documents for annual evaluation by HEC.
Attended training programs regarding quality assurance in higher education Institute in collaboration of QEC, Women University Swabi and Higher Education Department (HED), KP.

Member board of Studies

2020-23

Department of Zoology, Women University Swabi

Actively contributed to curriculum development and academic planning in alignment with HEC guidelines.

Attended meetings of BOS 2021 & 2023 for the revision of curriculum of BS, AD and MSc Zoology.

EDUCATION

PHD Zoology (Molecular Bio)

University of Peshawar

In progress

M.Phil. Zoology (Molecular)

University of Peshawar

2016—2019

M.Sc. Zoology

University of Swabi

2013-2015

B.ed (Biology/Chemistry)

Allama Iqbal Open University Islamabad

2013-2015

Research Projects

“Evaluation of toxic effect of Homeopathic medicines (*Lycopodium clavatum* and *Nux Vomica*) in Balb-C mice” under the budget of 0.2 million PKR, sponsored by ORIC and Worthy Vice Chancellor, Women University Swabi. 2021-2022

Conferences/ Seminars/ trainings

1. Tanzeela, Bukhari, S., Sheema, A., and Khanam, S., Evaluation of genotoxicity (DNA damage and sperm head anomalies) of potentized homeopathic medicines, Chinchona and Arsenicum Album in laboratory mice. (2025). *Zoo Botanica*, 2(3), 213-217. **1st international conference on Recent trends in improving Resistance against diseases using molecular genetics and OMICS tools** at Abdul Wali Khan University Mardan. December 5-7 2023
2. Contributed as Session coordinator in 3rd **International conference on emerging trends in social sciences** organized by Global institute of Social Science Research (GISSR) and Women University Swabi. July 7-9, 2025
3. Participated in “**Two days workshop on Quality Assurance in HEI**” organized by QEC, Women University Swabi in collaboration with HED.
4. Participated as Mentee in three months training session “**Women Empowerment and Mentorship Programe**” organized by National Academy of Higher Education (NAHE) in collaboration with ORIC, Women University Swabi. February- April 2025.

Research Publication

Shah, N., Tanzeela, Khan, A., Khisroon, M., Adnan, M., & Jawad, S. M. (2017). Seroprevalence and risk factors of toxoplasmosis in pregnant women of district Swabi. *Pure and Applied Biology (PAB)*, 6(4), 1306-

Khan, Safir Ullah, Saba Jannat, Hadia Shaukat, Shiza Unab, Tanzeela, Maleeha Akram, Muhammad Nasir Khan Khattak et al. "Stress induced cortisol release depresses the secretion of testosterone in patients with type 2 diabetes mellitus." *Clinical Medicine Insight*

Hidayat, Z., Asmat, P., Tanzeela, Begum, M., Wahab, A., & Irfan, M. (2022). Behavioural responses and feeding preference of *Aellurilus Logunovi* Azarkina, 2004 (Araneae: Salticidae) to prey in a controlled environment. *Natural and Applied Sciences International Journal (NASIJ)*, 3(1), 71-79.

Tanzeela, Bukhari, S., Sheema, A., and Khanam, S., Evaluation of genotoxicity (DNA damage and sperm head anomalies) of potentized homeopathic medicines, Chinchona and Arsenicum Album in laboratory mice. (2025). *Zoo Botanica*, 2(3), 213-217.

Saifullah, Z., Khan, S., Zareen, S., Norin, S., Hassan, S. Z., Fayyaz, A., ... & Hassan, Q. (2025). Molecular and Clinical Evaluation of Human Adenovirus in Children with Upper Respiratory Tract Infections in Peshawar. *Review Journal of Neurological & Medical Sciences Review*, 3(2), 208-222.

Alam, U., Zareen, S., Shah, I. U. R., Khan, I. U., Ahmad, I., Eimaan, H., ... Tanzeela & Saifullah, Z. (2025). Post-Treatment Recurrence of *Plasmodium vivax* Following Chloroquine and Primaquine Therapy: A PvMSP-1 and Diagnostic Comparison Study. *Pakistan Journal of Medical & Cardiological Review*, 4(2), 483-