

WARDA HAFEEZ

Visiting Lecturer – Ecology & Wildlife

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SUMMARY

Early-career researcher and Visiting Lecturer in Ecology and Wildlife with an MPhil in Entomology. Experienced in biodiversity assessment, controlled laboratory research, wildlife monitoring, and university-level conservation education. Nationally recognised for leadership potential through competitive selection for a Stanford-funded fellowship. Passionate about leveraging AI, robotics, and autonomous systems for next-generation wildlife conservation.

EXPERIENCE

Visiting Lecturer of Zoology — Baba Guru Nanak University, Nankana Sahib 2025 – Present

- Deliver undergraduate Ecology, Wildlife, and Zoology courses; design practicals and field-based learning.
- Co-organized 2nd International Conference on Applied Sciences & Technology (ICAST-2025).
- Attended Wildlife Taxidermy Workshop and World Wildlife Day Awareness Seminar.
- Trained students in ecological mapping, spatial analysis, and conservation field techniques at Ayubia National Park.
- Delivered oral presentation at 8th International Conference on Applied Zoology (ICAZ-2025), University of the Punjab.

Career-Prep Fellow — AMAL Academy (Stanford University-Funded), Faisalabad Feb – Apr 2020

Competitively selected from over 5,300 applicants nationwide — acceptance rate under 1% — for this prestigious fellowship fully funded by Stanford University.

- Completed an intensive 3-month program in professional communication, leadership, critical thinking, and teamwork.
- One of the very few selected from across Pakistan, reflecting nationally recognised leadership and professional potential.
- Authored and published professional blogs, sharpening written communication and public engagement skills.
- Built a cross-sector professional network alongside high-achieving peers from diverse backgrounds across Pakistan.

Biology & Zoology Teacher — Crescent Academy of Science, Nankana Sahib 2020 – 2022

- Taught secondary and graduate-level Biology and Zoology; designed lesson plans and hands-on lab activities.

Biology & Chemistry Teacher — Stars School System, Nankana Sahib 2020 – 2022

- Delivered Biology and Chemistry instruction to mixed-ability classes; built mentoring and presentation skills.

Intern — PepsiCo AMESA, Key Accounts Dept., Lahore Jul – Aug 2018

- Contributed to innovation projects for food service customers; developed data analysis and coordination skills.

Teaching Intern — Al-Masoom Grammar School, Nankana Sahib Mar – Sep 2018

- Taught Biology and Geography to ~50 students across three sections; built classroom management skills.

IT & Professional Skills Intern — The Matrix Institute of IT, Nankana Sahib Jan – Feb 2018

- Gained foundational skills in computer applications, office management, and professional workflows.

EDUCATION

MPhil in Zoology, Wildlife & Fisheries — University of Agriculture, Faisalabad 2021 – 2023

- Thesis: Comparative efficacy of botanical (Neem) and synthetic insecticides against Acheta domesticus.
- Developed skills in experimental design, biological response assessment, and data-driven ecological analysis.

MSc in Zoology, Wildlife & Fisheries — University of Agriculture, Faisalabad 2018 – 2020

- Review Study: Biorhythms of Insects and Moon Phases — circadian and lunar-influenced behavioral cycles.

SKILLS

- Data Analysis: Excel; learning R & Python
- Bioinformatics: FASTA, BLAST
- Scientific Writing & Reporting
- CorelDRAW, Microsoft Office Suite
- Ecological Sampling & Biodiversity Surveys
- Specimen Preservation & Taxidermy
- Workshop & Conference Organisation
- Languages: English (fluent), Urdu (native)

SELECTED CONFERENCES & ACTIVITIES

Oral Presenter — 8th International Conference on Applied Zoology (ICAZ-2025), University of the Punjab, Lahore	<i>Oct 2025</i>
Co-Organiser — 2nd International Conference on Applied Sciences & Technology (ICAST-2025), BGNU	<i>Oct 2025</i>
Attendee — Wildlife Taxidermy Workshop, Baba Guru Nanak University	<i>2025</i>
Attendee — World Wildlife Day Awareness Seminar	<i>Mar 2025</i>
Participant — 1st ICAST-2024, Baba Guru Nanak University	<i>Oct 2024</i>
Participant — Seminar on Eco-Sustainable Rodent Control — University of Agriculture & USAID/CIMMYT	<i>Sep 2019</i>