

Dr. Muhammad Ahsan Ashraf

Gold-medalist

University of the Punjab, Lahore (Pakistan) in
M. Sc. Zoology (Session 2010-2012)

Merit Certificate in M. Phil Zoology (Session 2013-
2015) from University of the Punjab, Lahore
(Pakistan) on achieving fifth position

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0092-3000781790

Date of Birth: 13-09-1989

CNIC# 35103-5867126-9

Marital Status: Married

Passport# QE1841261



Work Experience

Assistant Professor in Zoology (BPS-19) Division of Science and Technology, University of Education, Lahore, Township Campus (July, 26-2022 till date).

Lecturer Zoology (BPS-18) University of Education Faisalabad Campus (November 2016 to 25-July-2022).

Assistant Director Wildlife (BPS-17) in Wildlife department, Punjab (June 2016 to November 2016).

Lecturer Biology at KIPS 90B1 Johar Town Lahore (December 2015 to June 2016).

Lecturer Biology (BS-17) District Public School and College Okara (August 2014 to February 2015).

Lecturer (Visiting) Biology (F.Sc) and Zoology (B.Sc) at Punjab Group of Colleges, Pattoki (August 2014 to February 2015).

Lecture Biology at Unique Group of Institutions, Lahore (April 2014 to August 2014).

Education

PhD in Zoology

➤ **University of the Punjab, Lahore, Pakistan**

Major: Zoology

Session: 2015- 2021

CGPA: 3.93/4.00

Thesis: "Bioaccumulation of heavy metals in migratory waterbirds of inland wetland resources of Pakistan".

M. Phil in Zoology

➤ **University of the Punjab, Lahore, Pakistan**

Major: Zoology

Session: 2013-2015

CGPA: 3.75/4.00 (Merit Certificate)

Thesis: "Monitoring of particulate matter in different industrial

manufacturing units of Pakistan”.

Master in Zoology

➤ **University of the Punjab, Lahore, Pakistan**

Major: Zoology

Marks: 933/1200 (Gold-medal)

Session: 2010-2012

Thesis: "Association of Breast Cancer with Obesity and Estrogen in Human Females”.

Bachelor in Science

➤ **University of the Punjab, Lahore, Pakistan**

Major: Chemistry, Botany, Zoology

Marks: 475/800

Session: 2007-2009

Intermediate

➤ **BISE, Lahore**

Major: Pre Medical

Marks: 613/1100

Session: 2004-2006

Matriculation

➤ **BISE, Lahore**

Major: Science

Marks: 603/850

Session: 2002-2004

Languages

➤ Fluent in English, Urdu, Punjabi

Skills

➤ Microtomy

➤ Spectrophotometry

➤ Air sampling and Monitoring

➤ Atomic Absorption Spectrophotometry

Computer Expertise / Software's

➤ MS Office

➤ Mini Tab

Research Publications

1. Umar A, **Ashraf MA**, Khan MS, Jafar K, Ahmad S, Ulfat Z, Aslam MW, Waheed A, Akmal H, Zafar W, Naz H, Wajid M. Clinical investigation of COVID19 related pneumonia through HRCT chest scan. *Biomedical Letters* 2022; 8(1):28-33.
2. **Ashraf, M. A.**, & Ali, Z. (2021). Bioaccumulation of trace elements in migratory waterbirds at two wetlands of Indus river. *Aquatic Ecosystem Health & Management*, 24(2), 111-120.
3. Umar, Ali, Warda Zafar, Rida Tahir, Muhammad Saleem Khan, **Muhammad Ahsan Ashraf**, Nafeesa Zahid, and Muhammad Khalil. "Health Impacts of Secondhand Smoking a Review." *Journal of MAR Neurology*. Volume 3, Issue 4. November 01, 2021.
4. Ali Umar, Salam Anwar, Warda Zafar, Rida Tahir, **Muhammad Ahsan**

Ashraf, Muhammad Sleem Khan, Hina Naz, Muhammad Waseem Aslam, Nafeesa Zahid, Muhammad Khalil, Muhammad Arslan Sohail, Zeeshan Ulfat, Muhammad Ahmad, Touseef Azam, Ahmad Waheed, Saba Aslam, Amna Mukhtar, Muqaddas Shaheen, Laraib Fatima. "Pathogenicity of CORONA Virus and Mechanism of Various Vaccines Against COVID-19". Journal of MAR Case Reports. Volume 4, Issue 1. January 01, 2022.

5. Zahid Hussain Siddiqui, **Muhammad Ahsan Ashraf** and Tariq Bashir Sipra. Association of Breast cancer with obesity and estrogen in women. Sci. Int (Lahore), 26(2), 729-732, 2014 ISSN 1013-5316: CODEN: SINTE 8

Research Abstracts Published in Conferences

1. Air Quality Assessment of Indoor Working Environments in Different Industries of Punjab, Pakistan (ZEST2022-BEE-019) in 1st International two-day virtual conference of Zoology "Zoological Emerging Scientific Trends (ZEST)-2022" held on 18-19 January 2022.
2. Impact of PM2.5 on Lung Functioning in Different Industries (ZEST2022-BEE-020) in 1st International two-day virtual conference of Zoology "Zoological Emerging Scientific Trends (ZEST)-2022" held on 18-19 January 2022.
3. Biopesticides: A Viable Option for Pest Management (ZEST2022-BEE-094) in 1st International two-day virtual conference of Zoology "Zoological Emerging Scientific Trends (ZEST)-2022" held on 18-19 January 2022.
4. Heavy Metals in Heart and Liver of Waterbirds from Three Major Wetlands of Punjab, Pakistan (ZEST2022-BEE-098) in 1st International two-day virtual conference of Zoology "Zoological Emerging Scientific Trends (ZEST)-2022" held on 18-19 January 2022.
5. Estimation of Heavy Metals in Feathers of Migratory Waterfowl. (FEWFM-43) in the first Virtual Congress of Zoology (40th Pakistan Congress of Zoology-International) held on December 17-19, 2021. pp: 102.
6. Association of Breast Cancer with Obesity and Estrogen in Human Females in Proceedings of Pakistan Congress of Zoology, 2013. Volume 33, pp: 170.

Certifications/Honors

- Received University Gold Medal from University of the Punjab Lahore, Pakistan in 122nd Convocation held on 28th December 2013 for obtaining first position in M.Sc. Zoology, Session 2012.
- Received Sir William Roberts Gold Medal from University of the Punjab Lahore, Pakistan in 122nd Convocation held on 28th December 2013 for obtaining first position in M.Sc. Zoology, Session 2012.
- Received Gold Medal from Government College of Science, Lahore,

at its 6th Convocation 2018 for acquiring first position in M.Sc. Zoology.

- Received Roll of Honour, Government College of Science, Lahore, in the year 2012 on the basis of Academics, 1st in M.Sc. Zoology at 6th Convocation 2018.
- Received Merit Certificate in M. Phil Zoology (Session 2013-2015) from University of the Punjab Lahore, Pakistan on availing fifth position.
- Member of Board of Studies (BOS) of Department of Molecular Biology, University of Okara, Punjab, Pakistan.

Conferences/ Workshops

- 33rd Pakistan Congress of Zoology (International) jointly organized by Pakistan museum of Natural History, Islamabad and PMAS Arid Agriculture University, Rawalpindi April 2-4, 2013 held at Islamabad, Pakistan.
- British Council TNE-308 Lecture Series and Training Workshop 6th – 9th January 2014 held at Environmental Health and Wildlife, Department of Zoology, University of the Punjab, Lahore, Pakistan.
- Conference and Training Workshop on Techniques for Biodiversity Assessment and Aerobiological Monitoring for Ecosystem Health. 6th -7th February 2015. Held at Department of Zoology, University of the Punjab, Lahore, Pakistan.
- Diversity in Microbiology: A Crosstalk. 17th December, 2015. Organized by Department of Microbiology and Molecular Genetics, University of the Punjab and American Society for Microbiology.
- Organized “Flower exhibition: Fresh and dry arrangement of local flora” at University of Education, Faisalabad campus on May 9, 2018.
- Received certificate of appreciation as Secretary in “One Day International Symposium on Wildlife” held at main Auditorium University of Education, Faisalabad campus on March 21st, 2019.
- Organize “One Day Seminar on Hepatitis B and C” held at main Auditorium University of Education, Faisalabad campus on May 2nd, 2019.
- Participate in one-day international symposium on “World Fisheries Day” Support Sustainable Fishing & Fisheries Conservation on 21st November, 2020.
- Attended an international webinar on “Conservation Through the Lens of Optimism” arranged by Horticulture Society, GCU Lahore

in collaboration with “Conservation Optimism Pakistan” conducted on 21st September 2021.

- Participate in an international webinar on “Importance of Biodiversity and Reinforcing Youth in its Conservation” Organized by Horticulture Society, GCU Lahore on 27th December 2021.
- Abstracts submitted in 1st International two-day virtual conference of Zoology “Zoological Emerging Scientific Trends (ZEST)-2022” held on 18-19 January 2022 Organized by Department of Zoology, University of Education Lahore.
- Attended an international webinar on “Dissecting the scholarly publishing process. A current overview on the steps to getting published.” organized by Wiley team on January 26, 2022.
- Attended an international webinar of “Bridging Border Series” for celebrating International Wetland Day held on 2nd February 2022 on the topic of “The Wonderful World of Wetlands”.
- Attended one hour training session on “From Research to Publication: An overview on IEEE Publication Process” held on 23rd February 2022 Organized by IEEE.
- Attended one hour training session on “Publishing your research and innovation with IEEE: Choices and Procedures” held on 20th April 2022 Organized by IEEE.
- Attended one hour training session on “IEEE Standards: What, Why & How?” held on 22nd June 2022 Organized by IEEE.

Research Thesis / Supervised

- A Survey of Respiratory Symptoms and Socioeconomic Status of a Cotton Spinning Mill Workers of Faisalabad (2022)
- Study of Byssinosis Among Workers of a Cotton Spinning Mill of Faisalabad (2022)
- Estimation of Heavy Metals in Feathers of Migratory Waterfowl (2019)
- Estimation of Heavy Metals in Liver of Waterfowl (2019)
- Estimation of Heavy Metals in Gizzard of Migratory Waterfowl (2019)
- Histological changes in vital organs of GIFT (*Oreochromis niloticus*) by long term exposure to imidacloprid (2018)
- Effect of imadocloprid on the heamatology and selected parameters of serum biochemistry in genetically improved farmed Tilapia (2018)

Organizational / Leadership skills

- Results oriented and achieve targets on time.
- Pleasant personality and friendly attitude.
- Have good interpersonal and effective communication skills.
- A team player and have leadership qualities.

Hobbies & Interests

- Exploration of new software’s and technologies

- Improvement in experimental, communicational and intellectual skills at deep level.
- Designing new experiments.
- Internet browsing and surfing.
- Nature loving, book reading.

REFERENCES

Dr. Zulfiqar Ali (*Professor of Zoology*)

Institute of Zoology
University of the Punjab,
Lahore, Pakistan 68000
Cell: 00923004401535

Dr. Mehbob Iqbal (*Associate Professor of Zoology*)

Undergraduate studies
University of the Punjab,
Lahore, Pakistan 68000
Cell: 00923004393408