

DR. MADEEHA ARSHAD

HEC Approved Supervisor

Aims/Objectives:

To effectively apply myself in a professionally challenging environment in a manner that positively benefits the organization's goals and objectives and contributes towards my career development. To develop a career as a professional good teacher by seeking a challenging position in a progressive school and college with an aim to contribute positively towards the objectives of the firm to the best of my capabilities, to enhance ethical standards in client services and to develop my professional skills for growth within the organization.

Experience:

3.10 Years teaching experiences at Postgraduate level

Having vast experience in Research

Supervised 07 MPhil research students in

The University of Lahore Sargodha Campus, Sargodha.

Currently serving as Assistant Professor/ Coordinator, Department of Zoology, University of Education Lahore, Faisalabad Campus Since September 31, 2020 (1.5 Years)

Academic Information:

Ph.D Zoology (2019)

University Of Punjab, New Campus Lahore

MPhil Zoology (2010-2012)

University Of Punjab, New Campus Lahore

Masters of Zoology (M.Sc.) (2008-2010)

University of the Punjab. New campus, Lahore

Bachelor of Science (B.Sc. Chem, Zoo, Bot) (2005-2007)

Govt. Islamia College for Women, Cooper Road Lahore

Intermediate in Pre-Medical (F.Sc.) (2003-2005)

Govt. Islamia College for Women, Cooper Road Lahore

B.ed in Science Education (2012-2014)

Allama Iqbal Open University

Father's Name:

Haji Mubammad Arshad

Date of Birth:

23/ 04/ 1988

C.N.I.C

35202-0400058-6

Domicile:

Lahore

Religion:

Islam

Nationality:

Pakistan

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All necessary documents will be provided on demand

References will also be produced on demand.

Distinctions:

- Actively Participated in the 31st Pakistan Congress of Zoology (International) held in department Of Zoology, University Of Azad and Jammu Kashmir
- Actively Participated in the 32nd Pakistan Congress of Zoology (International) held in GCU, Lahore.
- Actively Participated in the International Conference Entitled “Education For Wildlife Sustainability”, held in University of Veterinary Sciences, Lahore
- Actively Participated & made oral presentation in 33rd Pakistan Congress of Zoology (International) held at Natural History Museum Islamabad on 2-4 April 2013.
- Actively Participated & made oral presentation in 34th Pakistan Congress of Zoology (International) held at Bahauddin Zakriya University Multan on 24-26 February 2013.

Publications:

- Exposure of pregnant mice to hexavalent chromium causes fetal defects. Pakistan Journal of Zoology. 2017.
- Embryotoxic effects of sodium arsenate in *Mus musculus* Punjab University Journal of Zoology. 2017.
- Therapeutic effect of guava fruit extract on cadmium induced toxicity in developing *Mus musculus*. Pakistan Journal of Zoology. 2018.
- Teratogenesis Induced by Trimethoprim Sulfamethoxazole in Mice in Pakistan Journal of Zoology. 2018.
- Attenuation of sodium fluoride induced nephrotoxicity by fresh orange juice in mice. 2018.
- Red Onion Extract Attenuates Aluminum Induced Toxicity in Swiss Albino Mice. 2021
- Sodium arsenate induced genotoxicity, morphometric and morphological changes in mice embryo and protective role of *Moringa oleifera* extracts. 2021.
- Sewage Sludge-Induced Effect on Growth, Enzyme Inhibition, and Genotoxicity can be Ameliorated Using Wheat Straw and Biochar in *Pheretima posthuma* Earthworms. 2022.

Abstracts

- ✓ Developmental defects produced by *in utero* exposure of septa D.S in mice. Abstract published in 33rd international zoological conference Islamabad, Pakistan.
- ✓ Developmental defects produced by prenatal exposure of dicloran in mice. Abstract

published in 34th international zoological conference Multan, Pakistan.

- ✓ Fetoprotective potential of garlic extract on sodium arsenate induced toxicity in *Mus musculus* in IBPHR Conference held on 6-7 December 2017 at G.C.U Lahore.
- ✓ Protective potential of *Allium sativum* extract on sodium arsenate induced teratogenicity in *Mus musculus* in 39th Pakistan congress of Zoology.
- ✓ Histopathological lesions caused by aspartame in vital organs of mice and attenuation by sesame oil in 39th Pakistan congress of Zoology.

Seminars conducted

08 Seminars conducted

Communication Skills:

Proficiency on both English and Urdu

MPhil Students Supervised

Sr No.	Student's Name	Registration No.	Research Topic
1.	Munazza Noor	PZOL07173049	Histological variations in high androgen induced PCOS and compensatory effects of Ajwain (<i>Trachyspermum ammi</i>) and Dhak (<i>Butea monospera</i>) in swiss albino mice
2.	Kinza Shakeel	PZOL07183001	Cardiovascular And Hepatotoxicity Induced By Nickel And Therapeutic Potential Of <i>Punica Granatum</i> In Male Swiss Albino Mice
3.	Mohsin Raza	PZOL07183013	Therapeutic Potential Of <i>Nigella sativa</i> Against Nickel Induced Skeletal And Morphometric Alterations In Developing <i>Mus musculus</i>
4.	Farukh Tahira Malik	PZOL07183033	Amelioration Of Nephrotoxicity And Spleenotoxicity Induced By Nickel With <i>Punica granatum</i> Extract In Male <i>Mus musculus</i>
5.	Iftikhar Khan	PZOL07183037	Estimation Of Nickel In Various Organs Of The Male <i>Mus musculus</i> Using Inductive Coupled Plasma (ICP)
6.	Sobia Zulfiqar	PZOL07183043	Protective Potential Of Pomegranate Extract In Nickel Intoxicated Mice
7.	Mubarrah Kiran	PZOL07183047	Morphological And Histological Deformities Produced By In Vitro Exposure Of Nickel In <i>Mus musculus</i> And Protective Potential Of <i>Nigella sativa</i>

MPhil Students Co-Supervising

1	Tahira Kulsoom	PZOL07193030	Typhoid Causing Strains Identification, Characterization And Serological Changes Induced By Salmonella Strains In The Patients Of Sahiwal
2	Zakia Gulzar	PZOL07193022	Identification and characterization of salmonella strains and its biochemical and serological effects in typhoid patients of Islamabad and Jhang Region

3	Erum Shaukat	PZOL07193021	Salmonella strains identification , characterization and variation in serological parameters in the patients of Sargodha
4	Hadia Shafqat	PZOL07201016	Sodium metabisulfite induced cardiac, hepatic and pulmonary toxicities in adult male swiss albino mice and their amelioration by <i>Syzygium cumini</i>
5	Muhammad Waqar ul Hassan	PZOL07201007	Toxic effects of sodium metabisulfite on gastric, renal and testicular tissues of adult male <i>Mus musculus</i> and their amelioration by <i>Syzygium cumini</i>

BS Students Supervised

Sr No.	Student's Name	Registration No.	Research Topic
1.	Muhammad Ramzan	18-UE-03067	Study of Hepatotoxicity and Nephrotoxicity Induced by Sodium Arsenite Nanoparticles in <i>Mus musculus</i>
2.	Abuzar Mehdi Khan	18-UE-03150	Determination of Acute Toxicity of Sodium Arsenite Nanoparticles and its Effects on Antioxidant Enzymes of <i>Mus musculus</i>
3.	Shazia Yousaf	18-UE-03482	Study of Reproductive and Spleentoxicity Induced by Sodium Arsenite Nanoparticles in <i>Mus musculus</i>
4.	Zeenat Murtaza	18-UE-03544	Study of Heart and Lung Toxicity Induced by Sodium Arsenite Nanoparticles in <i>Mus musculus</i>

MS Students Currently Supervising

Sr No.	Student's Name	Registration No.	Research Topic
1.	Urooj Fatima	21-UE-05316	Effect of Iron Oxide Nanoparticles on Cardiac and pulmonary Tissues in <i>Rattus noverigus</i>
2.	Sofia Qasim	21-UE-05208	Determine the effects of Iron Oxide Nanoparticles on Testes and Kidneys of <i>Rattus noverigus</i>
3.	Maryam Arshad	21-UE-04976	Synthesis and Characterization of Iron Oxide Nanoparticles and its acute toxicity in male albino rats
4.	Maryum Nawaz	21-UE-04523	Determination of Hepato and Spleeno-toxicity induced by Iron Oxide Nanoparticles in Male Albino Rats