



Curriculum Vitae

Dr. Muhammad Asad

Currently Working as Assistant Professor, Department of Zoology, University of Education, Lahore (Jauharabad Campus)

Specialization in Fisheries, Aquaculture and Toxicology

1 PERSONAL INFORMATION

1. Name: MUHAMMAD ASAD	
2. Father's Name: MUHAMMAD ASIF AZIZ (LATE)	
3. CN.I.C No: 31303-4666982-1	4. Nationality: PAKISTANI
5. Gender Male/Female: MALE	6. Domicile Distt: RAHIM-YAR-KHAN
7. Domicile Province: PUNJAB	8. Date of Birth (dd/mm/Year): 07-08-1991
9. Age: 33 years	10. Marital Status: SINGLE
11. Permanent Address: HOUSE NO 146, GULSHAN-E-RAVI, STREET # 3 BLOCK X, RAHIM-YAR-KHAN	
12. Present Address: House NO 146, GULSHAN-E-RAVI, STREET # 3 BLOCK X, RAHIM-YAR-KHAN	
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2. ACADIMIC BACKGROUND QUALIFICATION (STARTING FROM LAST DEGREE)

Sr #	Degree Held	Major Subjects	Institution/Board/University	Obtain Marks(CGPA)/Total Marks(CGPA)		Passing Year	Percentage	Division/Grade
1	Ph.D	ZOOLOGY	GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD.	294/380	3.76/4	2021	77.36	1 st / B
	Ph.D Thesis Title	ASSESSMENT OF REMEDIAL EFFECTS OF <i>Moringa olifera</i> AND <i>Trigonella foenum gracium</i> AGAINST CuO NANO PARTICLES INDUCED HEPATO-INTESTINAL TOXICITY IN <i>Oreochromis mossambicus</i>						
2	MS	ZOOLOGY	THE ISLAMIA UNIVERSITY OF BAHAWALPUR	3.61/4	514/620	2017	82.90	1 st / B+
	MS Thesis Title	INVASTIGATION OF VARIOUS ADVERSE EFFECTS OF PESTICIDES IN EXPOSED WORKERS						
3	BS(HONS)	ZOOLOGY	THE ISLAMIA UNIVERSITY OF BAHAWALPUR	3.19/4	2024/2700	2015	74.96	1 st / B
	BS Thesis Title	MUTAGENIC EFFECT OF DIFFERENT COMBINATION OF ARSENIC AND COPPER SULPHATE IN ADULT BIRD (<i>Gallus gallus</i>)						
4	INTERMEDIATE	PRE-MEDICAL	SUPERIOR COLLEGE RYK/ BAHAWALPUR	736/1100		2010	66.90	1 st / B
5	MATRIC	SCIENCE	GOVT. H/S.S. KOT SAMABA RYK/ BAHAWALPUR	587/850		2007	69.05	1 st / B
6	Others (B.Ed)	SCI-GROUP	ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD	634/900		2017	70.44	1 st / A

3. (A) PUBLICATIONS (IMPACT FACTOR)

Sr #	Publications	IF
1	Fatima, A., Asad, M., Fatima, T., Renqing, F., Fatima, K., & Manhong, L. (2025). Effect of Graphene Nanosheets on the Histological Abnormalities in the Liver and Intestine of Cirrhinus mrigala Treated with Plant Extracts of Tamarix aphylla and Albizia lebbeck. Bulletin of Environmental Contamination and Toxicology, 115(1), 13.	2.7
2	Qadeer, S., Ashraf, A., Perveen, N., Asad, M., Husna, A. U., Azam, A., ... & Khan, H. A. (2025). The Supplementation of Cinnamaldehyde in Semen Extender to Improve the Post-Thaw Sperm Quality of Kajli Ram Semen. Veterinary Medicine and Science, 11(4), e70484.	1.7
3	Rubab, S. L., Asad, M., Khan, H. A., Al-Hussain, S. A., Irfan, A., & Zaki, M. E. (2025). Exploring the toxicological and beneficial effects of 4, 5, 6-Trimethoxy-2, 3-diphenyl indole on Labeo rohita fingerlings. Scientific Reports, 15(1), 16206.	3.9
4	Hussain, S., Sial, N., Nawaz, Z., Naeem, M., Asad, M., Habib, R. Z., & Thiemann, T. (2024). Effect of plastic microbeads on the development of roho (Labeo rohita). Egyptian Journal of Aquatic Research, 50(2), 183-188.	2.2
5	Amjad, R., Ruby, T., Ali, K., Asad, M., Imtiaz, A., Masood, S., ... & Sharif, M. M. (2024). Exploring the effects of noise pollution on physiology and ptilochronology of birds. PloS one, 19(6), e0305091.	2.9
6	Ashraf, A., Qadeer, S., Ullah, S., Asad, M., Fatima, H., Nasir, M. F., ... & Qureshi, N. A. (2024). Characterization and in-vitro plant-based control of hindgut bacteria isolated from Odontotermes obesus Rambur (Termitidae) and Heterotermes indicola Wasmann (Rhinotermitidae). Science Progress, 107(1), 00368504241236026.	2.6
7	Qadeer, S., Ashraf, A., Farooq, M. U., Ullah, S., Asad, M., Muneeb, A., & Adil, M. (2024). Evaluation of Kappa-carrageenan supplementation in extender for post-thaw Kajli ram sperm quality. Reproduction in Domestic Animals, 59(3), e14551.	1.6
8	Rehman, N., Jabeen, F., Asad, M., Nijabat, A., Ali, A., Khan, S. U., ... & Ahmad, A. (2024). Exposure to zinc oxide nanoparticles induced reproductive toxicities in male Sprague Dawley rats. Journal of Trace Elements in Medicine and Biology, 83, 127411.	3.6
9	Niazifar, M., Besharati, M., Jabbar, M., Ghazanfar, S., Asad, M., Palangi, V., ... & Lackner, M. (2024). Slow-release non-protein nitrogen sources in animal nutrition: A review. Heliyon.	3.4
10	Malik, K., Liaqat, A., Riaz, A., Yasmin, H., Asad, M., Ullah, A., ... & Nadeem, T. (2024). Indigenous plant extracts as novel antimicrobial arsenal: Unveiling the potential of Bismarckia nobilis, Choysia ternata, Chamaedora cataractarum, and Beaucarnea recurvate. Journal of King Saud University-Science, 36(4), 103122.	3.7
11	KANWAL, K. A., GULZAR, N., AJMAL, M., ASAD, M., & IQBAL, J. (2023). Oil Based Inactivated Vaccine Formulation for Furunculosis (A. salmonicida) and Protective Immune Response of Rainbow Trout and Brown Trout. Sains Malaysiana, 52(8), 2163-2173.	0.7
12	Kausar, S., Jabeen, F., Latif, M. A., & Asad, M. (2023). Characterization, dose dependent assessment of hepatorenal oxidative stress, hematological parameters and histopathological divulging of the hepatic damages induced by Zinc oxide nanoparticles (ZnO-NPs) in adult male Sprague Dawley rats. Saudi Journal of Biological Sciences, 30(9), 103745.	3.13
13	Iqbal, K. J., Khan, N., Fatima, M., Lashari, M. H., Asad, M., Ashraf, A., ... & Tanveer, A. (2023). Determination of heavy metals (Pb, Cr, As, Hg, and Cd) into the body organs of selected fish, water, sediment, and soil samples from Head Punjnad and Head Taunsa, Punjab, Pakistan. PLoS One, 18(9), e0288163.	2.9
14	Ali, K., Bukhari, S. M., ur-Rehman, K., Maqsood, I., Asad, M., Iqbal, A., Khalid, N., Andleeb, S., Alghamdi, H.A & Ruby, T. (2021). Effect of Trianthema portulacastrum extracts on hematologic and hepatic enzymes disorders induced by carbon tetrachloride in rabbits (Oryctolagus cuniculus). Journal of Taibah University for Science, 15(1), 896-901.	2.68
15	Kaukab G., Jabeen F., Asad M., Rehman N., & Ali M. (2021) Comparative study of Ameliorative effects of Moringa oleifera and Trigonella foenum-graecum against copper oxide nano particles induced toxicity in gills and muscles of Oreochromis mossambicum. Fresenius Environment Bulletin, 30(8), 10234-10243	0.553
16	Ameer, M. W., Jabeen, F., Asad, M., Kaukab, G., Bashir, A., Rasheed, M., Younis, H., Munir, N., Nawaz, J., Zainab, R., & Akram, M. (2021). Comparative efficacy of Ovaprim and hMG	2.794

	(menotropin) to induce breeding in African catfish (<i>Clarias gariepinus</i>). Fish Physiology and Biochemistry, 47(6), 1559-1564.	
17	Asad, M. , Jabeen, F., & Kaukab, G. (2021) Histopathological (Liver And Intestine) And Sero-Hepatic Changes Induced By CuO-Nano Particles In <i>Oreochromis Mossambicus</i> During 96-Hours of LC50 Assessment. Fresenius Environment Bulletin, 30(6), 6131-6136	0.553
18	Asad, M. , Jabeen, F., and Ayaz, S. (2021) Assessment of ameliorative effect of <i>Trigonella foenum-graecum</i> against CuO-NPs induced toxicity in <i>Oreochromis mossambicus</i> . Pak. J. Pharm. Sci., 34(1) 387-395	0.684
19	Aftab, M. N., Ali, A., Asad, M. , Fatima, S., & Iqbal, F. (2018) Effect of AlCl ₃ Mediated Toxicity on the Hemato-biochemical Profile of Adult Male Albino Mice. Pakistan J. Zool., 50(4) 1549-1552	0.92
20	Ghaffar, A., Hussain, R., Khan, A., Abbas, R. Z., & Asad, M. (2015). Clinico-hematological and mutagenic changes induced by arsenic and copper sulphate in adult poultry males. Japs, Journal of Animal and Plant Sciences, 25(6), 1555-1561.	0.481
21	Ghaffar, A., Hussain, R., Khan, A., Abbas, R. Z., & Asad, M. (2015). Butachlor Induced Clinico-Hematological and Cellular Changes in Fresh Water Fish <i>Labeo rohita</i> (Rohu). Pakistan Veterinary Journal, 35(2), 201-206	3.8

3. (B) PUBLICATIONS (NON IMPACT FACTOR)

Sr #	Publications	IF
1	Bano Et Al, N. (2023). Some Morphometric and Meristic Characters of Catla catla from research farms of MNS University of Agriculture Multan, Punjab Pakistan. Egyptian Journal of Aquatic Biology and Fisheries, 27(3), 663-670.	0
2	Saeed, I., Farooq, M., Azam, S. M., Ahmad, N., Asad, M., Kausar, S., ... & Imran, M. Morphometry, Length-Weight Relationship and Condition Factor of Rita rita from the Indus River, Punjab, Pakistan.	0
3	Kanwal, S., Arshad, M., Ahmad, R. M., Ali, K., Asad, M., Nasir, M. F., ... & Saleem, M. (2023). Impact Of Pesticides On The Morphological Characteristics And The Diversity Of Earthworm Species From District Okara Punjab Pakistan. Journal of Survey in Fisheries Sciences, 482-491.	0
4	Khalid, M., Naeem, M., Azam, S. M., Ahmad, N., Kausar, S., Faiz, M., ... & Khursheed, Z. (2023). Morphometric Analysis of Different Parameters for Labeo boga from Head Panjnad, Alipur, Punjab, Pakistan. Egyptian Journal of Aquatic Biology & Fisheries, 27(2).	0
5	Khalid, M., Naeem, M., Azam, S. M., Ahmad, N., Kausar, S., Mustafa, G., ... & Khursheed, Z. (2023). Morphometric and Length-Weight Relationship of the Nile tilapia (<i>Oreochromis niloticus</i> (Linnaeus, 1758) from Head Panjnad, Punjab, Pakistan. Egyptian Journal of Aquatic Biology & Fisheries, 27(2).	0
6	Lal, V., Naeem, M., Asad, M., Tanveer, K., Zulfiqar, A., & Kausar, S. (2023). Study of digestive enzymes in marine fish, Terapon jarbua, from Pakistan. Brazilian Journal of Biology, 84, e267508.	0
7	Aamir, S., Iqbal, K.J., Ehsan, A., Zulqurnain., Kaukab, G., Azeem, A., Tehseen, A., & Asad, M. (2020) Heavy metals (Cadmium, Mercury and Arsenic) accumulation in different organs of <i>Sperata sarwari</i> collected from Indus River, Head Taunsa, Dera Ghazi Khan, Punjab, Pakistan. Pure and Applied Biology, Vol. 9(2), 1481-1487.	0
8	Azeem, A., Rashid, I., Hassan, M. M., Asad, M. , Kaukab, G., Tehseen, A., & Aamir, S. (2020). 10. A review on foot and mouth disease in dairy animals, etiology, pathogenesis and clinical findings. Pure and Applied Biology (PAB), 9(1), 821-832.	0
9	Kaukab, G., Jabeen, F., Ali, M., Sultana, S., Rasul, A., and Asad, M. (2019). Innovative assessment to modulate the toxic effects of CuO nanoparticles using <i>Trigonella foenum - graecum</i> methanol seed extract in <i>Oreochromis mossambicus</i> Int. J. Biosci. 15(2), 445-455	0

3. (C) PUBLICATIONS (INTERNATIONAL BOOK CHAPTERS)

Sr #	Publications
1	Rehman, N., Asad, M., Fatima, T., Basit, M.A. (2025). Biocompatibility and Toxicity of Nanoparticles in Cancer Care. In: Joshi, N.J., Patel, G. (eds) Nanoparticle Delivery in Cancer Care. Series in BioEngineering. Springer, Singapore. https://doi.org/10.1007/978-981-95-0457-2_10
2	Riaz, A., Asad, M., Ali, K., Ullah, S., Ashraf, A., Qadeer, S., Rasheed, M., Abdullah, U., & Zawar, H. (2023). Climate Change and Household Insect Pests. In: Ali, H., Hou, Y., & Tahir, M.B. (eds) Climate Change and Insect Biodiversity: Challenges and Implications (1 st ed.). CRC Press. https://doi.org/10.1201/9781003382089-12

3. (D) PUBLICATIONS (NATIONAL BOOK CHAPTERS)

Sr #	Publications
1	Khanum S, Asad M, Muneeb A, Iqbal H, Qadeer S, Ashraf A, Rehman AA, Kausar M, Waheed T and Arif A, 2025. Pioneering Adaptive drug discovery through evolutionary medicine. In: Farooqi SH, Kholik K and Zaman MA (eds), One Health Horizons: Integrating Biodiversity, Biosecurity, and Sustainable Practices. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 349-357. https://doi.org/10.47278/book.HH/2025.492
2	Bukhari UA, Ashraf A, Sajjad SMU, Fatima R, Dilawar M, Sajjad MF, Saher N, Fatima A, Qadeer S and Asad M, 2025. Leishmaniasis treatment options, a comparative study of medicinal and local therapies. In: García-Rubio VG, Alvi MA, Saeed Z and Ahmad M (eds), Foundations of Holistic Healing: Complementary and Alternative Medicine. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 281-287. https://doi.org/10.47278/book.HH/2025.489
3	Khanum S, Asad M, Iqbal H, Asad H, Shafique N, Raza H, Ahsen N, Mehmood A, Firdous T and Rahman TU, 2025. The Hidden crises of pollution undermining public health. In: Abbas RZ, Akhtar T and Arshad J (eds), One Health in a Changing World: Climate, Disease, Policy, and Innovation. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 418-426. https://doi.org/10.47278/book.HH/2025.493
4	Aiman S, Waheed T, Shahbaz A, Akram I, Asad M, Khanum S, Ashraf A, Qadeer S, Jabbar M, and Kaleem A, 2025. Evaluation of pharmacological potential and biological activities of Tamarix dioica: a marvelous plant. In: Khan A, Hussain R, Tahir S and Ghafoor N (eds), Medicinal Plants and Aromatics: A Holistic Health Perspective. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 247-252. https://doi.org/10.47278/book.HH/2025.477
5	Khanum S, Asad M, Ashraf A, Quratulain, Laraib T, Rubab S, Ain QU, Bibi T, Tahir F and Noreen H, 2024. Prebiotics, probiotics and the future of digestive wellbeing. In: Farooqi SH, Aqib AI, Zafar MA, Akhtar T and Ghafoor N (eds), Complementary and Alternative Medicine: Prebiotics and Probiotics. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 394-405. https://doi.org/10.47278/book.CAM/2024.493
6	Arif A, Waheed T, Umer HM, Asad M, Ali K, Muneeb A, Qadeer S, Ashraf A, Ullah S and Khan MU, 2024. The diverse applications of essential oils. In: Zafar MA, Abbas RZ, Imran M, Tahir S and Qamar W (eds), Complementary and Alternative Medicine: Essential oils. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 239-243. https://doi.org/10.47278/book.CAM/2024.433
7	Ashraf A, Noreen S, Bukhari UA, Salma U, Masood A, Fatima H, Qadeer S, Ullah S Hayyat M.K and Asad M, 2024. Botanicals as an alternate for tick infestation in livestock. . In: Abbas RZ, Khan AMA, Qamar W, Arshad J and Mehnaz S (eds), Complementary and Alternative Medicine: Botanicals/Homeopathy/Herbal Medicine. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 466-477. https://doi.org/10.47278/book.CAM/2024.431
8	Ashraf A, Sohail M, Muneeb A, Qadeer S, Asad M, Majeed A, Rafiq H, Rafique A, Zubair SK and Rafique N, 2024. The evolving landscape of vaccines. In: Alvi MA, Rashid M, Zafar MA, Mughal MAS and Toor SI (eds), Complementary and Alternative Medicine: Immunization/Vaccinology. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 514-521. https://doi.org/10.47278/book.CAM/2024.439
9	Fatima FT, Asad M, Qadeer S, Hira T, Fatima A, Anjum T, Zafar A, Shaheen K, Bibi T and Parveen S, 2024. Natural feed additives for sustainable agriculture. In: Abbas RZ, Akhtar T, Asrar R, Khan AMA and Saeed Z (eds), Complementary And Alternative Medicine: Feed Additives. Unique Scientific Publishers,

	Faisalabad, Pakistan, pp: 343-354. https://doi.org/10.47278/book.CAM/2024.435
10	Waheed T, Arif A, Asad M, Ali K, Qadeer S, Ashraf A, Umer HM, Hayyat MK, Ahsan N and Fatima M, 2024. Exploring advanced nutrition: beyond the basics. In: Abbas RZ, Akhtar T, Asrar R, Khan AMA and Saeed Z (eds), Complementary And Alternative Medicine: Feed Additives. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 355-363. https://doi.org/10.47278/book.CAM/2024.436
11	Asad M, Sohail M, Muneeb A, Qadeer S, Ashraf A, Majeed A, Rafiq H, Rafique A, Zubair SK and Rafique N, 2024. Strategies for enhancing animal feed quality and productivity. In: Abbas RZ, Akhtar T, Asrar R, Khan AMA and Saeed Z (eds), Complementary and Alternative Medicine: Feed Additives. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 364-372. https://doi.org/10.47278/book.CAM/2024.437
12	Waheed T, Ali K, Asad M, Baber ZU, Riaz A, Rasheed M, Arif A, Khanum S, Fatima T and Saleem M, 2023. Awareness and community engagement in zoonotic disease management. In: Khan A, Rasheed M and Abbas RZ (eds), Zoonosis, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I: 470-485. https://doi.org/10.47278/book.zoon/2023.036
13	Khanum S, Asad M, Ali K, Baber ZU, Riaz A, Rasheed M, Fatima T, Arif A, Waheed T and Saleem M, 2023. Knowledge, attitude and practices toward zoonotic diseases. In: Khan A, Rasheed M and Abbas RZ (eds), Zoonosis, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I: 486-498. https://doi.org/10.47278/book.zoon/2023.037
14	Nasir MF, Asad M, Ali K, Ayub A, Azeem A, Iqbal MJ and kanwal S, 2023. Ethno-medicinal approach to cure Animal diseases. In: Aguilar-Marcelino L, Younus M, Khan A, Saeed NM and Abbas RZ (eds), One Health Triad, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. 3, pp: 223-229. https://doi.org/10.47278/book.oh/2023.99
15	Asad M, Qadeer S, Ashraf A, Ullah S, Riaz A, Ali K and Kausar S, 2023. Sustainable Goals for Achieving Disease Control in Livestock and Animal Industry. In: Khan A, Abbas RZ, Aguilar-Marcelino L, Saeed NM and Younus M (eds), One Health Triad, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I, pp: 182-189. https://doi.org/10.47278/book.oh/2023.27
16	Azeem A, Khan MK, Naazir N, Asad M, Afresham S, Usman M, Hanif M and Razzaq Muhammad A, 2023. Human Sleeping Sickness: A Challenge for Health Professionals. In: Aguilar-Marcelino L, Abbas RZ, Khan A, Younus M and Saeed NM (eds), One Health Triad, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I, pp: 61-65. https://doi.org/10.47278/book.oh/2023.10

4. EXPERIENCES

Sr No	Post	Institute	From	To	Duration
1	Research Assistant (HEC Project)	Department of Zoology, Government College University, Faisalabad, Pakistan	11-01-2018	11-01-2021	3 Years
2	Research Associate (HEC Project)	Department of Life Sciences, The Islamia University of Bahawalpur.	25-04-2016	24-04-2017	1 Year
3	Assistant Professor	Department of Zoology, University of Education, Lahore	04-01-2023	To date	3 Years
Total Experience					5+ Years

5. CONFERENCES CERTIFICATES

Sr No.	Title	Venue	Date
1	2 nd International conference on Applied Zoology (ICAZ-2019)	Government College University, Faisalabad, Pakistan	December 19-20, 2019
2	39 th Pakistan Congress of Zoology (international)	Islamia College University, Peshawar	March 4-6, 2019
3	International Fisheries & Aquaculture conference-2019	University of Veterinary & animal sciences Lahore	January 30-31, 2019
4	1 st International conference on Applied Zoology (ICAZ-2018)	Government College University, Faisalabad, Pakistan	October 10-11, 2018
5	38 th Pakistan Congress of Zoology	University of the Punjab, Lahore	February 27- March 1,

	(international)		2018
6	2 nd International Conference on Materials Science and Nano Technology 2018	Government College University, Faisalabad, Pakistan	February 19-20, 2018
7	1 st International Conference on Climate Change & Biodiversity	The Islamia University of Bahawalpur, Pakistan	May 2-4, 2017
8	37 th Pakistan Congress of Zoology (international)	Government College University, Faisalabad, Pakistan	February 28- March 2, 2017
9	35 th Pakistan Congress of Zoology (international)	University of Karachi, Karachi, Pakistan	March 1-4, 2015

6. WORKSHOPS/SEMINARS/TRAININGS

Sr No.	Title	Venue	Date
1.	2nd International Virtual Symposium on Animal Welfare	Virtual on Zoom under Department of Zoology The Islamia University of Bahawalpur	October 04, 2020
2.	International seminar on business organization as Darwinian entity	Government College University, Faisalabad	January 3, 2019
3.	Aquaculture Challenges and Opportunities in Pakistan	Department of Zoology Wildlife and fisheries, University of Agriculture, Faisalabad	November 6, 2018
4.	Capacity building of research & Training in Wildlife Discipline Project	Punjab wildlife Research Centre, Gatwala, Faisalabad	April 24, 2018
5.	One Day National Training on Histopathology	Department of Pathology, Faculty of Veterinary Science, University of Agriculture Faisalabad	April 20, 2018
6.	1 st National hands on Training Workshop on “The Art of Taxidermy”	Department of Zoology Government College University, Faisalabad, Pakistan	April 18 and 19, 2018
7.	One day Workshop on Biosafety & Biosecurity for Young Researchers	Department of Zoology Government College University, Faisalabad, Pakistan	March 26, 2018
8.	Bioassays for Exploration of Bioactives	Department of Biochemistry, University of Agriculture Faisalabad	March 20, 2018
9.	Two Days workshop on “Data Analysis with SPSS”	Department of Statistics Government College University, Faisalabad, Pakistan	February 13-14, 2018
10.	International seminar on challenges & opportunities for aquaculture and animal feed industry	Department of Zoology Government College University, Faisalabad, Pakistan	December 20, 2017
11.	Biosafety training workshop for young scientists	Department of Biochemistry The Islamia university of Bahawalpur, Pakistan.	April 23, 2014

7. Papers Review in International Journals

Feeding habit and diet composition of three Fish species harbouring Sor River, Baro-Akobo basin of Ethiopia, EastAfrica.	PONE-D-24-03620	PLOS ONE
Water contamination due to the effects of agricultural pesticides	HELIYON-D-23-43611R1	HELIYON

Mitigating the threat of invasive mosquito species expansion: a comprehensive entomological surveillance study on Kastellorizo, a remote Greek island	PONE-D-23-43125	PLOS ONE
Assessing the pattern of key factors on women's empowerment in Bangladesh: evidence from Bangladesh Demographic and Health Survey, 2007 to 2017-18	PONE-D-23-17327R1	PLOS ONE
Microplastic Influence on Pb Bioavailability and Rhizosphere Toxicity: Challenges for Ramie in Soil Phytoremediation	STOTEN-D-24-25364	Science of the Total Environment
Impacts of the Coexistence of Polystyrene Microplastics and Pesticide Imidacloprid on Soil Nitrogen Transformations and Microbial Communities	JEMA-D-24-13426	Journal of Environmental Management
Bio-based polyurethane microplastics derived from controlled-release fertilizer residual coating alters soil bacterial community and potato growth	HELIYON-D-24-47191	HELIYON
Microplastics, Microbial Diversity and Community Composition in agricultural soils of the Tarim Basin : A Case Study	HELIYON-D-24-54338	HELIYON

8. Thesis Review (MS)

Sr No	Thesis Title/Notification No	Student Name	University	Year
1	Evaluation of Ethylene Glycol Monomethyl Ether Induced CardioToxicity in Male Wister Rats GCUF/COE/TH/25/614	Saima Shahzadi	GCUF	2025
2	Formulation of Balanced Artificial Diets for Honey Bee (<i>Apis mellifera</i>) and their Impact on Bee Yield	Muhammad Sana ullah	KFUEIT	2025
3	Green Synthesis, Characterization and Anti-Inflammatory Potential of Chitosan Coated Copper Nanoparticles Using <i>Prunus amygdalus</i> Leaves Extract and <i>Mangifera indica</i> Seed Extract.	Sana Sarwat	KFUEIT	2025
4	GCUF/COE/TH/25/145	Ayesha Khan	GCUF	2025
5	GCUF/COE/TH/25/149	Misbah Shaukat	GCUF	2025
6	Investigation Of Anti-Inflammatory Effects Of <i>M. Charantia</i> Extract in silico, In Vitro, In Vivo, Approaches	Hamna Zulfiqar	USKT	2025
7	Assessment Of Anti- Inflammatory Potential Of Rosemary Extract: In Vitro, In Silico And In Vivo Studies	Muhammad Anees	USKT	2025
8	Evaluation Of The Anti-Ulcer Properties Of Glycyrrhiza Glabra Extract: In Vitro, In Vivo And In Silico Studies In Albino Mice	Fiza Batool	USKT	2025
9	Gastroprotective And Healing Effects Of Banana Leaf Extract On Aspirin-Induced Gastric Ulcers Based: In Silico And In Vivo Studies	Ramsha Khan	USKT	2025
10	Assessment Of The Anti-Inflammatory Properties Of <i>Salix Alba</i> Extract Through In Vitro And In Vivo Studies In Albino Mice	Muhammad Ramzan Dar	USKT	2025
11	Ameliorative Effects Of <i>Curcuma Longa</i> Against Reproductive And Renal Toxicity Induced By Nickel Oxide Nanoparticles In Sprague Dawley Rats	Sumbal Nawaz	USKT	2025
12	Protective Effect Of <i>Withania. Somnifera</i> Against Hepato And Renal Toxicity Induced By Nickel Oxide Nanoparticles In Sprague Dawley Rats	Sobaina Bashir	USKT	2025
13	Epidemiological Study On The Prevalence Of Hepatitis In Surrounding Areas Of District Gujrat	Aftab Arshad	USKT	2025
14	Epidemiology Study On Miscarriages In Tehsil Daska District Sialkot	Rana Muhammad Imran	USKT	2025
15	GCUF/COE/TH/23/3177	Sarfraz Ahmad	GCUF	2024
16	GCUF/COE/TH/23/1919	Ammara Batool	GCUF	2023

17	GCUF/COE/TH/23/1866	Abdul Rehman Laiqat	GCUF	2023
18	Combine Effect Of Quercetin And Alpha Lipoic On Kidney In Diabetic Mice	Beenish Sandhu	USKT	2023
19	Therapeutic Effect Of Quercetin And Alpha Lipoic Acid On Liver In Diabetic Mice	Beenish Asghar	USKT	2023
20	Effect Of Quercetin And Alpha Lipoic Acid On Testosterone Hormone In Diabetic Mice	Mareeha Asif	USKT	2023
21	Protective Role Of Quercetin And Alpha Lipoic Acid On Insulin Hormone In Diabetic Mice	Asma Akhtar	USKT	2023
22	Molecular Genetics Of Inherited Intellectual Disability In The Population Of Tehsil Sambrial, Punjab	Komal Majeed	USKT	2023

9. Workload

Semester spring 2024

S. No.	Subject (Subject Code)	Semester
1	Applied Ecology (ZOOL3118) 4(3+1)	BS Zoology 6 th
2	Histology (ZOOL4148) 3(2+1)	BS Zoology 8 th
3	Advanced Analytical Techniques ZOOL5171 3 (3+0)	MS Zoology 2 nd
		Total Credit Hours: 12

Semester fall 2024

S. No.	Subject (Subject Code)	Semester
4	Animal Behavior ZOOL3114 3 (2+1)	BS Zoology 5 th
5	Environmental Toxicology ZOOL4139 3(2+1)	BS Zoology 7 th
6	Biostatistics MATH3121 3 (3+0)	MS Zoology 1 st
7	Research Methodology UERM5111 3 (3+0)	MS Zoology 1 st
		Total Credit Hours: 14

Semester spring 2023

S. No.	Subject (Subject Code)	Semester
1	Applied Ecology (ZOOL3118) 4 (3+1)	BS Zoology 6 th
2	Animal Diversity II (ZOOL2113) 4 (3+1)	BS Zoology 4 th
3	Environmental Toxicology (ZOOL4139) 3 (2+1)	BS Zoology 8 th
4	Advance Analytical Techniques ZOOL5111 3 (2+1)	MS Zoology 2 nd
		Total Credit Hours: 14

Semester fall 2023

S. No.	Subject (Subject Code)	Semester
1	Environmental Toxicology ZOOL4139 4 (2+1)	BS Zoology 7 th
2	Animal Diversity I ZOOLz2111 5 (3+1)	BS Zoology 3 rd
3	Advanced Environmental Toxicology ZOOL5132 3 (3+0)	MS Zoology 1 st
		Total Credit Hours: 12

10 (A). Committee Assignments (2025)

Sr No.	Notification No.	Date	Subject	Designation / Role
1	UE/JBD/2025/48	January 20, 2025	Departmental Interview Committees for Hiring Visiting Faculty (Spring 2025)	Member
2	UE/R/2025/2/1183	March 28, 2025	Conference Steering Committee: Recent Trends in Natural Sciences (RTNS 2025)	Secretary
			Conference Finance and Resource Mobilization Committee: Recent Trends in Natural Sciences (RTNS 2025)	Member
			Conference Registration and Communication	Convener

			Committee: Recent Trends in Natural Sciences (RTNS 2025)	
			Conference Proceeding Committee: Recent Trends in Natural Sciences (RTNS 2025)	Member
3	UE/R/2025/384	April 15, 2025	Sports Event Committee 2025 (Races Male)	Member
4	UE/JBD/2025/624	June 19, 2025	Admission Committees for Fall Admissions 2025 (Department of Zoology)	Member
5	UE/R/2025/2118	June 24, 2025	Conference Publication Committee: Zoological Scientific Emerging Trends (ZEST 2025)	Member

10 (A). Committee Assignments (2024)

Sr No.	Notification No.	Date	Subject	Designation / Role
1	UE/R/2024/415	February 01, 2024	Program Team Members (PTMs) to prepare Self-assessment Report (Year 2023-24)	Member
2	UE/JBD/2024/185	February 21, 2024	Transport, Boarding / Lodging and Security Committee: Degree Distribution Ceremony at University of Education, Lahore, Jauharabad Campus	Member
3	UE/JBD/2024/213	February 28, 2024	Basket Ball Committee: Annual Sports and Cultural Festival-2024	Secretary
4	UE/R/2024/806	February 29, 2024	Program Committee: Recent Trends in Natural Sciences (RTNS 2024)	Member
			Finance and Resource Mobilization Committee: Recent Trends in Natural Sciences (RTNS 2024)	Secretary
			Registration and Communication Committee: Recent Trends in Natural Sciences (RTNS 2024)	Convener
			Conference Proceeding Committees: Recent Trends in Natural Sciences (RTNS 2024)	Member
			Media and IT Committee: Recent Trends in Natural Sciences (RTNS 2024)	Member
5	UE/JBD/2024/645	July 03, 2024	Admission Committees for Fall Admissions 2024 (Department of Zoology)	Member
6	UE/R/2024/2320	July 12, 2024	Print and Publication Committee: Zoological Scientific Emerging Trends (ZEST 2024)	Member

10 (A). Committee Assignments (2023)

Sr No.	Notification No.	Date	Subject	Designation / Role
1	UE/JBD/ZOOL/2023/13	January 01, 2023	Departmental Interview Committees for Hiring of Visiting Faculty (Spring 2023)	Member
2	UE/JBD/ZOOL/2023/14	January 30, 2023	Departmental Committees regarding thesis supervision of MS students (Session 2023)	Member
3	UE/DD-G/2023/382	February 06, 2023	Stage Management Committee: Zoological Scientific Emerging Trends (ZEST 2023)	Member
4	UE/JBD/ZOOL/IFS/2023/23	April 03, 2023	Inspection committee for IFS Project (IFS 11-B-6549-1)	Member
5	UE/JBD/2023/505	April 18, 2023	Abstract Review Committee: Recent Trends in Natural Sciences (RTNS 2023)	Member
			Registration and Communication Committee: Recent Trends in Natural Sciences (RTNS 2023)	Member
			Media and IT Committee: Recent Trends in	Member

			Natural Sciences (RTNS 2023)	
			Conference Proceeding Committee: Recent Trends in Natural Sciences (RTNS 2023)	Member
6	UE/JBD/2023/761	June 06, 2023	Stock taking committees / Stock Verification committees (Zoology Lab)	Member
7	UE/JBD/2023/809	June 23, 2023	Admission Committees for Fall Admissions 2023 (Department of Zoology)	Member

11. PROJECT REPORT

Sr No.	Title	Year
1	Report writing for the project entitled “Oxidative stress and Genotoxic Effects of Waterborne copper nano particles and copper sulphate and the ameliorating effects of <i>Myristics fragrans</i>, <i>Moringa oleifera</i> amd <i>Trigonella foenum graecum</i> in <i>Oreochromis mossambicus</i>. REPORTING PERIOD (1st and 2nd year)	2017-2020

12. OTHER CERTIFICATES AND AWARDS

Sr No.	Title	Year
1	Received Certificate for 3 rd position in poster presentation at 1 st International conference on Applied Zoology (ICAZ-2018) held at Government College University, Faisalabad, Pakistan	2018
2	Received Award as organizer of 1 st International conference on Applied Zoology (ICAZ-2018) held at Government College University, Faisalabad, Pakistan	2018
3	Certificate of Honour (Co-Ordinator of management society at department of life sciences The Islamia University of Bahawalpur	2013

13. SKILLS

Sr #	Skills
1	Comet Assay, Histology, Micro nuclear Assay and Oxidative stress
2	Good Graphic Designer
3	Good skills of MS office (MS word, MS excel, MS power point)
4	Good skills of SPSS and Minitab

14. RESEARCH STUDENTS

14 (A) M.Phil STUDENTS (Supervision)

Sr No	Name of Student/Department	Title	Class / Session	University
1	Tehseen Fatima	Investigating Therapeutic Potential of Khagal (<i>Tamarix aphylla</i>) Leaves Extract against Graphene Nanosheets Toxicity in Mori (<i>Cirrhinus mrigala</i>)	2022-24	UE
2	Shanza Khanum	Exploring the Curative Potential of Sareehn (<i>Albizia lebbeck</i>) Seeds Extract against Toxic Effects of Graphene Nanosheets in Mori (<i>Cirrhinus mrigala</i>)	2022-24	UE
3	Tabinda Waheed	Therapeutic Potential of Cheena (<i>Panicum miliaceum</i>) Seeds Extract against Carbon Nanotube Toxicity in Mori (<i>Cirrhinus mirigala</i>)	2022-24	UE
4	Afza Arif	Study of Ameliorative Potential of Makoi (<i>Solanum nigrum</i>) Leaves Extract against Carbon Nanotubes Toxicity in Mori (<i>Cirrhinus mrigala</i>)	2022-24	UE
5	Tehniet Laraib	Amelioration of Toxicity of Green-	2023-25	UE

		synthesized Silver Nanoparticles on Rohu (<i>Labeo rohita</i>) by Peelu (<i>Salvadora persica</i>)		
6	Naveed Ahsan	Healing Impact of Peelu (<i>Salvadora persica</i>) Against Cadmium Oxide Nanoparticles Induced Abnormalities in Rohu (<i>Labeo rohita</i>)	2023-25	UE
7	Qurat ul Ain	Green Synthesis of Cadmium Oxide Nanoparticles and Determination of their Lethal Effects on Rohu (<i>Labeo rohita</i>)	2023-25	UE
8	Shamsa Rubab	Investigating the Therapeutic Effects of Sareehn (<i>Albizia lebbek</i>) Seed Extract on Graphene Nanosheets-induced Histological Alterations in Selected organs of Mori (<i>Cirrhimus mrigala</i>)	2023-25	UE
9	Tayyab Bibi	Alleviating Graphene Nanosheet-induced Histological Abnormalities in Selected Organs of Mori (<i>Cirrhimus mrigala</i>) using Khagal (<i>Tamarix aphylla</i>)	2023-25	UE

14 (B). M.Phil STUDENTS (Co-Supervision)

1	Muhammad Ammaar Jabbar	Instant Super (Nitenpyram) Mediated Behavioral, Hematological, Selected Biochemical, and Histopathological Toxicities on rohu (<i>Labeo rohita</i>)	2022-24	UE
2	Muhammad Khawar	Chlorfenapyr Mediated Behavioral, Hematological, Liver Histopathological, and Selected Biochemical Toxicities in rohu (<i>Labeo rohita</i>) in Water dispersible Granules Formulation	2022-24	UE
3	Huraira Alam Khan	Synthesis of Trimethoxy Indole Hetrocycle and its Toxic Disparties in Rohu Fish <i>Labeo rohita</i>	2022-24	UE
4	Rehana Ahmed Khan	Synthesis of Dimethoxy Indole and its Impact on Hemato-Biochemical and Histological Abnormalities in Rohu Fish <i>Labeo rohita</i>	2022-24	UE
5	Sania Parveen	Investigating the Efficacy of Barh (<i>Ficus benghalensis</i>) in Attenuating Carbon Nanotubes Induced Toxicity in Rohu (<i>Labeo rohita</i>)	2023-25	UE
6	Maria Rasheed	Histological Effects of Bisphenol A on Rohu Fish Curated by Leaf Extract of Ashwagandha (<i>Withania somnifera</i>)	2023-25	UE
7	Rafaqat Ali	Herbal Recovery of Bisphenol A Induced Histological Abnormalities in Rohu Fish Using Stem and Fruit Extracts of Ashwagandha (<i>Withania somnifera</i>)	2023-25	UE

I **MUHAMMAD ASAD S/O MUHAMMAD ASIF AZIZ (LATE)** do hereby declare that the information provided above, is accurate to the best of my knowledge.

Dr. Muhammad Asad

Signature: _____

Dated: _____