

Dr. Waqas Ali

Assistant Professor
HEC Approved Supervisor
Department of Wildlife and Ecology,
University of Veterinary and Animal Sciences, Lahore, Pakistan

Date of birth: January 18, 1991

CNIC: 35401-1551682-5

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RESEARCH INTEREST

Wildlife Management and Conservation

FACULTY POSITIONS

Assistant Professor

January 17, 2022 to date

Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Lahore, Pakistan

Lecturer

May 15, 2015 to January 16, 2022

Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Lahore, Pakistan

Teaching Assistant

August 28, 2013 to May 14, 2015

Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Lahore, Pakistan

ADMINISTRATIVE EXPERIENCE

Resident Tutor, Liaquat Hall, UVAS, Ravi Campus Hostels

August, 2015-October, 2017

University of Veterinary and Animal Sciences, Lahore, Pakistan

EDUCATION

Ph.D. Wildlife and Ecology

CGPA: (3.94/4.00)

2020

University of Veterinary and Animal Sciences, Lahore, Pakistan and The University of Adelaide, Australia.

Thesis Topic: Genetic diversity and habitat preferences of amphibians and reptiles from selected sites in Punjab, Pakistan

M.Phil. Wildlife and Ecology

CGPA: (3.82/4.00)

2015

University of Veterinary and Animal Sciences, Lahore, Pakistan

Thesis Topic: The diversity, distribution and phenetic relationships of herpetiles of District Kasur

BS (Hons) Applied Zoology (On Year Deficiency Course)

CGPA: (3.64/4.00)

2013

University of Veterinary and Animal Sciences, Lahore, Pakistan

BS (Hons) Fisheries and Aquaculture

CGPA: (3.59/4.00)

2012

University of Veterinary and Animal Sciences, Lahore, Pakistan

F.Sc. (Pre- Medical)

1st Division

2008

Govt. Islamia College Civil Lines, (B.I.S.E.) Lahore, Pakistan

Matriculation

1st Division

2006

Govt. Central Model School, (B.I.S.E.) Lahore, Pakistan.

ACADEMIC DISTINCTIONS

- **Silver Medal** (MPhil Wildlife and Ecology) University of Veterinary & Animal Sciences, Lahore, Pakistan
- **Bronze Medal** (BS (Hons) Applied Zoology) University of Veterinary & Animal Sciences, Lahore, Pakistan

AWARDS AND SCHOLARSHIPS

- IRSIP, HEC-Pakistan. 2019. Six month research fellowship at School of Animal and Veterinary Sciences, The University of Adelaide, Australia
- GIH Winner. 2017. Amphibian and reptilian fauna of wheat-rice based Agro-ecosystem of Punjab, Pakistan. Society for the Study of Amphibians and Reptiles, USA
- Awarded with Laptop on the merit basis during BS (Hons) Fisheries and Aquaculture from Higher Education Commission of Pakistan.

RESEARCH PUBLICATION

Research papers in impact factor journals

Sr. No	Title	Impact Factor	HEC Category
1.	Waqas Ali , Arshad Javid, Ali Hussain, Syed Mohsin Bukhari, Saddam Hussain. 2021. Preliminary assessment of the diversity and habitat preferences of herpetofauna in Cholistan desert, Pakistan. Russian Journal of Herpetology. 28(6): 375–379. DOI: 10.30906/1026-2296-2021-28-6-375-379	0.636	Y
2.	Natasha Laraib, Ali Hussain, Arshad Javid, Tahir Noor, Qurat-ul-Ain Ahmad, Asma Chaudhary, Maleeha Manzoor, Muhammad Akmal, Syed Mohsin Bukhari, Waqas Ali, Tae Jin Choi, Peer M. Schenk. 2021. Recent trends in microalgal harvesting: an overview. Environment, Development and Sustainability. https://doi.org/10.1007/s10668-021-01805-2	3.219	W
3.	Rizwana Noor, Arshad Javid, Ali Hussain, Syed Mohsin Bukhari, Irshad Hussain, Sahar Suleman, Saira Malik, Fareeha Amin,	1.651	X

	Sheikh Muhammad Azam, Kashif Ali, Ghulam Mustafa, Mudasar Hussain, Absar Ahmad, Waqas Ali .2021. Prevalence of parasites in selected captive bird species. Brazilian Journal of Biology. 84: e254251 https://doi.org/10.1590/1519-6984.254251		
4.	Muhammad Idnan, Arshad Javid, Ali Hussain, Sajid Mansoor, Muhammad Tayyab, Muhammad Imran, Faheem Nawaz, Ahmed Khan, Nuruliarizki Shinta Pandupuspitasari, Muhammad Khalil Ahmad Khan, Hamid Ullah, Muhammad Naveed Shahid, Syed Mohsin Bukhari and Waqas Ali . 2021. Preliminary record of phylogeny of <i>Pipistrellus javanicus</i> (Chiroptera: Vespertilionidae) based on cytochrome b gene from Bajaur Agency, Fata, Pakistan. Brazilian Journal of Biology. (Accepted for publication)	1.651	X
5.	Saira Malik, Muhammad Rashid, Arshad Javid, Ali Hussain, Syed Mohsin Bukhari, Saher Suleman, Rizwana Noor, Saddam Husaain, Nida Ismat, Mudasar Hussain, Sehresh Ghaffoor, Ghulam Mustafa, Waqas Ali .2021. Genetic variations and phylogenetic relationship of genus <i>Uromastyx</i> from Punjab, Pakistan. Brazilian Journal of Biology. 84, e254253 https://doi.org/10.1590/1519-6984.254253	1.651	X
6.	Maida Mushtaq, Syed Mohsin Bukhari, Arshad Javid, Khalil Ur Rehman, Shahla Andleeb, Shakeel Hussain, Waqas Ali , Nimra Khalid, Ghulam Mustafa, Muhammad Javed Iqbal, Sheikh Muhammad Azam, M. Khalid. 2021. Isolation and characterization of bacteria residing in the oral, gut and fecal samples of different pheasant's species. Brazilian Journal of Biology. 83, e249159 https://doi.org/10.1590/1519-6984.249159	1.651	X
7.	Sana Masood, Ali Hussain, Arshad Javid, Muhammad Rashid, Syed Mohsin Bukhari, Waqas Ali , Sumaira Aslam, Shahid Ali, Hafiz Muhammad Ahmad Amin, Imania Ghaffar, Aqsa Imtiaz, Anam Masood, Hina Salahuddin, Fatima Sughra, Muhammad Sajjad Sarwar, Anam Sharif, Kalsoom Aslam. 2021. Fungal conversion of chicken-feather waste into biofortified compost. Brazilian Journal of Biology. (Accepted).	1.651	X
8.	Kashif Ali, Asia Iqbal, Syed Mohsin Bukhari, Waqas Ali , Ali Hussain, Arshad Javid, Muhammad Muddassir Ali, Athar Mahmud, Muhammad Javed Iqbal, Farhan Nasir, Iqra Mubeen, Sidra kanwal, Fatima Sughra. 2021. Amelioration Potential of <i>Moringa oleifera</i> Extracts Against Sodium Arsenate Induced Embryotoxicity and Genotoxicity in Mouse (<i>Mus Musculus</i>). Brazilian Journal of Biology, 83: Article No. e248022. https://doi.org/10.1590/1519-6984.248022	1.651	X
9.	Ghulam Mustafa, Asia Iqbal, Arshad Javid, Ali Hussain, Syed Mohsin Bukhari, Waqas Ali , Muhammad Saleem, Shiekh Muhammad Azam, Fatima Sughra, Ahmad Ali, Kahlil ur Rehman, Shahla Andleeb, Nafisa Sadiq, Absar Ahmad and Umair Ahmad. 2021. Variations in nutritional profile of honey produced by various species of genus <i>Apis</i> . Brazilian Journal of Biology. 83: e246651. https://doi.org/10.1590/1519-6984.246651	1.651	X
10.	Shakeel Hussain, Syed Mohsin Bukhari, Wang Li, Arshad Javid, Ali Hussain, Waqas Ali , Nimra Khalid, Umair Ahmad, Hou Zhi. 2021. Cross-Genera Amplification and identification of <i>Colpodella</i> sp. With <i>Cryptosporidium</i> Primers in Fecal samples of	1.651	X

	zoo felids from Northeast China. Brazilian Journal of Biology. 83, e247181 https://doi.org/10.1590/1519-6984.247181		
11.	Muhammad Idnan, Arshad Javid, Muhmmad Tayyab, Ali Hussain, Sajid Mansoor, Syed Mohisn Bukhari, Irfan, Muhammad Shahbaz, Kahlil ur Rehman, Shahla Andleeb, Sheikh Muhammad Azam, Waqas Ali . 2021. Molecular identification of genus <i>pipistrellus</i> (Mammalia: chiroptera) from FATA region, Pakistan. Brazilian Journal of Biology. 83: e246322. https://doi.org/10.1590/1519-6984.246322	1.651	X
12.	Tasnim Sadaf, Arshad Javid, Waqas Ali , Ali Hussain, Syed Mohsin Bukhari, Syed Makhdoom Hussain, Qurat ul Ain, Sana Ashraf, Sehar Suleman, Muhammad Saleem, Sheikh Muhammad Azam. 2021. Studies on parasitic prevalence in pet birds from Punjab, Pakistan. Brazilian Journal of Biology. 83: e246229. https://doi.org/10.1590/1519-6984.246229	1.651	X
13.	Sana Masood, Ali Hussain, Arshad Javid, Syed Mohsin Bukhari, Waqas Ali , Imania Ghaffar, Aqsa Imtiaz, Hafiz Muhammad Ahmad Amin, Salahuddin H, Muhammad Inayat, Saira Razzaq, Fatima Kafayat, Hira Rafiq, Mamoona Yasmeen, Muhammad Muneeb, Sanaullah Sattar. 2021. Fungal decomposition of chicken-feather waste in submerged and solid-state fermentation. Brazilian Journal of Biology. vol. 83: e246389. https://doi.org/10.1590/1519-6984.246389	1.651	X
14.	Natsha Laraib, Maleeha Manzoor, Arshad Javid, Faiza Jabeen, Syed Mohsin Bukhari, Waqas Ali , Ali Hussain. 2021. Mixotrophic cultivation of <i>Chlorella vulgaris</i> in sugarcane molasses preceding nitrogen starvation: Biomass productivity, lipid content and fatty acid analyses. Environmental Progress and Sustainable Energy. DOI: 10.1002/ep.13625	2.431	X
15.	Saira Malik, Arshad Javid, Hamidullah, Muhammad Anwar Iqbal, Ali Hussain, Syed Mohsin Bukhari, Anne-lise Chaber, Farhid Hemmatzadeh, Nida Ismat, Ahmad Ali, Sheikh Muhammad Azam, Ghulam Mustafa, Saddam Hussain, Umair Ahmad, Absar Ahmad, Waqas Ali . 2021. Phylogeography of cliff racer (<i>Platyceps rhodorachis</i> Jan, 1865) from Punjab, Pakistan. Brazilian Journal of Biology. vol. 83: e246243. https://doi.org/10.1590/1519-6984.246243	1.651	X
16.	Natsha Laraib, Ali Hussain, Arshad Javid, Syed Mohsin Bukhari, Waqas Ali , Maleeha Manzoor, Faiza Jabeen. 2021. Mixotrophic Cultivation of <i>Scenedesmus dimorphus</i> for Enhancing Biomass Productivity and Lipid Yield. Iranian Journal of Science and Technology, Transactions A: Science https://doi.org/10.1007/s40995-020-01055-3	1.194	X
17.	Tasnim Sadaf, Muhmmad Rashid, Ali Hussain, Athar Mahmud, Syed Mohsin Bukhari, Rizwana Noor, Ghulam Mustafa, Muhammad Saleem, Ahmad Ali, Sana Ashraf, Waqas Ali , Arshad Javid. 2021. Interspecific variations in external and internal egg quality among various captive avian species from Punjab, Pakistan. Brazilian Journal of Biology. 82:e245261. https://doi.org/10.1590/1519-6984.245261	1.651	X
18.	Saddam Hussain, Syed Mohsin Bukhari, Arshad Javid, Ali Hussain, Muhammad Rashid, Waqas Ali . 2020. Molecular	0.658	Y

	identification of genus <i>Duttaphrynus</i> from Punjab, Pakistan. Mitochondrial DNA Part B-Resources. 5 (3): 3236-3238. DOI: 10.1080/23802359.2020.1810143.		
19.	Waqas Ali , Arshad Javid, Saddam Hussain, Ali Hussain, Syed Mohsin Bukhari. 2020. Morphological variations, distribution and population estimation of Indian spiny tailed lizard (<i>Uromastyx hardwickii</i> Gray, 1827) from district Bahawalnagar, Punjab, Pakistan. Asian Herpetological Research. 11(3):257-262.	1.827	X
20.	Sumaira, Syed Mohsin Bukhari, Iram Maqsood, Arshad Javid, Ali Hussain A, Waqas Ali , Kahlil ur Rehman, Shahla Andleeb, Irfan Baboo Nimra Khalid. 2020. Seasonal variation in ecdysis process and parasitic prevalence in Indian Rock Python (<i>Python molurus</i>). Pakistan Journal of Zoology. https://dx.doi.org/10.17582/journal.pjz/20190417060401	0.831	X
21.	Waqas Ali , Arshad Javid, Ali Hussain, Muhammad Hafeez-ur-Rehman, Anne-lise Chaber, Farhid Hemmatzadeh F. 2020. First record of <i>Euphlyctis kalasgramensis</i> (Anura: Dicroglossidae) from Punjab, Pakistan. Mitochondrial DNA Part B-Resources. 5(2):1227-1231.DOI: 10.1080/23802359.2020.1731337	0.658	Y
22.	Saima Batool, Ali Hussain, Muhammad Anwar Iqbal, Arshad Javid, Waqas Ali , Syed Mohsin Bukhari, Muhammad Akmal, Javed Iqbal Qazi. 2018. Implication of highly metal-resistant microalgal-bacterial co-cultures for the treatment of simulated metal-loaded wastewaters. International Microbiology. https://doi.org/10.1007/s10123-018-0025-y .	2.479	Y
23.	Waqas Ali , Arshad Javid, Waseem Ahmad Khan, Ali Hussain, Muhammad Rizwan, Mubeen Ameer, Abdul Qadeer Sajid. 2017. Diversity and habitat preferences of herpetofauna at Kalabagh game reserve, District Mianwali, Punjab, Pakistan. Russian Journal of Herpetology. 24(4):267-274	0.636	Y
24.	Waqas Ali , Arshad Javid, Syed Makhdoom Hussain, Hamda Azmat, Ghazala Jabeen. 2016. The amphibians and reptiles collected from different habitat types in district Kasur, Punjab, Pakistan. Pakistan Journal of Zoology. 48(4):1201-1204.	0.831	X
25.	Noor Khan, Muhammad Ashraf, Muhammad Sharif Mughal, Naureen Aziz Qureshi, Muhammad Naeem Khan, Fayyaz Rasool, Muhammad Hafeez-ur-Rehman, Muhammad Nasir, Waqas Ali , Khalid Javed Iqbal. 2014. Survival and growth potential of genetically male tilapia (GMT) Fry in flow through system under different dietary protein concentrations. Pakistan Journal of Zoology. 46(2): 377-382.	0.831	X
26.	Anum Zahid, Noor Khan, Muhammad Nasir, Waqas Ali . 2013. Effect of artificial feed and fertilization of ponds on growth and body composition of genetically improved farmed tilapia. Pakistan Journal of Zoology. 45(3): 667-671.	0.831	X
Total Impact Factor		38.525	

Research papers without impact factor

Sr. No	Title	HEC Category
1	Muhammad Idnan, Arshad Javid, Muhammad Nadeem, Ali Hussain, Sajid	Y

	Mansoor, Waqas Ali , Syed Mohsin Bukhari. 2020. Preliminary Behavior of Chinkara (<i>Gazella Bennettii</i>) Under Captive Conditions with Future Conservation Strategies. RADS Journal of Biological Research and Applied Sciences. 11(1):1-7.	
2	Ali Hussain, Syed Mohsin Bukhari, Shahla Andleeb, Kahlil ur Rehman, Rehman K, Iram Maqsood, Arshad Javid, Ali Hussain, Waqas Ali , Nimra Khalid, Muhammad Javed Iqbal, Huma Yasin. 2020. Heavy Metal Levels in Vegetables and Soil Cultivated with Industrial Wastewater from Different Sites of Chunian and Jamber, District, Kasur. Journal of Applied Sciences and Environmental Management. 24 (2) 271-277	Y
3	Muhammad Muneeb, Muhammad Rashid, Arshad Javid, Syed Mohsin Bukhari, Waqas Ali , Ali Hassan, Muhammad Akmal, Ali Hussain. 2019. Concomitant treatment of tannery and paper mill effluents using extremely metal-tolerant sulphate-reducing bacteria. Environmental Processes. https://doi.org/10.1007/s40710-019-00416-4 .	X
4	Waqas Ali , Arshad Javid , Ali Hussain, Syed Mohsin Bhukhari. 2018. Diversity and conservation needs of fresh water turtles in Pakistan: A Review. Biodiversity.19 (1):62–71.	
5	Waqas Ali , Arshad Javid, Syed Mohsin Bhukhari, Ali Hussain, Syed Makhdoom Hussain, Hira Rafique . 2018. Comparison of different trapping techniques used in herpetofaunal monitoring: A Review. Punjab University Journal of Zoology. 33(1): 57-68.	Y
6	Waqas Ali , Arshad Javid, Ali Hussain, Syed Mohsin Bhukhari. 2018. Diversity and habitat preferences of amphibians and reptiles in Pakistan: A review. Journal of Asia-Pacific Biodiversity. 11:173-187.	Y
7	Waqas Ali , Arshad Javid, Ali Hussain, Syed Mohsin Bhukhari. 2017. Public attitude towards amphibian and reptiles in district Kasur, Punjab, Pakistan. Punjab University Journal of Zoology. 32(2): 173-178.	Y
8	Hamda Azmat, WaqasAli , Arshad Javid, Ali Hussain, Syed Makhdoom Hussain, Zara Saeed, Syed Shafiq Hussain Bukhari. 2016. Chromium contamination in water, sediment and its bioaccumulation in Indian major carps in river Chenab, Pakistan. Punjab University Journal of Zoology. 31(1):83-86.	Y

BOOK CHAPTERS PUBLICATION

1. Natasha Laraib, Ali Hussain, Arshad Javid, Muhammad Hafeez-ur-Rehman, Syed Mohsin Bukhari, Muhammad Rashid and **Waqas Ali**. 2020. Recent advancements in microalgal-induced remediation of wastewaters. Chapter 10. Pp:205-212. In: Pankaj Chowdhary, Abhay Raj, Digvijay Verma and Yusuf Akhter (eds) Microorganisms for Sustainable Environment and Health. Elsevier. [ISBN: 9780128190012]
2. Tahir Noor, Arshad Javid, Ali Hussain, Syed Mohsin Bukhari, **Waqas Ali**, Muhammad Akmal and Syed Makhdoom Hussain, 2020. Types, sources and management of urban wastes. Chapter 14. pp: 239-263. In: Pramit Verma, Pardeep Singh, A. Raghubanshi and Rishikesh Singh (eds) Urban Ecology: Emerging Patterns and Social-Ecological Systems. Elsevier. [ISBN: 9780128207307]

ABSTRACT PUBLICATION

1. **Waqas Ali**, Arshad Javid, Syed Mohsin Bukhari, Waseem Ahmad Khan and Ali Hussain. 2018. Herpeofauna of Salt Range, Punjab, Pakistan. FEWFM-136. 38th Pakistan congress of Zoology. PP.343.
2. Arshad Javid, **Waqas Ali**, Saddam Hussain, Ali Hussain, Syed Mohsin Bukhari, and Syed Makhdoom Hussain. 2018. Diversity and Distribution of Amphibian and Reptiles in Cholistan Desert, Pakistan. FEWFM-135. 38th Pakistan congress of Zoology. PP.342.

3. Syed Mohsin Bukhari, Iram Maqsood, Irfan baboo, Arshad Javid and **Waqas Ali**. 2018. In vitro biological characteristics of probiotics lactobacillus strains screened from chicken gut and their role in the prevention of pathogens colonization.CBGP.145. 38th Pakistan congress of Zoology. PP.86.
4. **Waqas Ali**, Arshad Javid, Waseem Ahmad Khan, Ali Hussain, Muhammad rizwan, Mubeen Ameer and Abdul Qadeer Sajid. Diversity, Distribution and Habitat Preferences of Amphibian and reptiles at Kalabagh Game Reserve, Pakistan. FEWFM-97. 37th Pakistan congress of Zoology.PP.318.
5. **Waqas Ali** and Arshad Javid. Public perception about herpetofuna and their exploitation for traditional medicine in district Kasur, Punjab, Pakistan. FEWFM-99. 37th Pakistan congress of Zoology.PP.320.
6. Arshad Javid, Quart-ul-Ain, **Waqas Ali**, Ali Hussain, Syed Makhdoom Hussain and Muhammad Hafeez-ur-Rahman. Comparative Studies on egg quality characteristics, Hematology and reproductive trait in Ring necked and green Pheasants in Captivity. FEWFM-92. 37th Pakistan congress of Zoology.PP.316
7. Nazia Sultan, Arshad Javid, **Waqas Ali**, Ali Hussain, Syed Makhdoom Hussain and Muhammad Hafeez-ur-Rahman. Studies on growth performance and feed pereences in Mallard Ducks (*Anas platyrhynchos*) in Captivity. FEWFM-96. 37th Pakistan congress of Zoology.PP.318
8. Shazia Shaukat, **Waqas Ali**, Arshad Javid. Relative effectiveness of different sampling techniques used in herpetiles sampling at district Kasur, Punjab, Pakistan. FEWFM-100. 37th Pakistan congress of Zoology.PP.320.
9. Tabinda Akmal, Arshad Javid, **Waqas Ali**, Ali Hussain, Syed Makhdoom Hussain and Muhammad Hafeez-ur-Rahman. Seasonal variations in growth performance and blood biochemical profile in Ring Pheasant (*Phasianus colchicus*) fed with different dietary regimes. FEWFM-101. 37th Pakistan congress of Zoology.PP.321.
10. Irfan Babu, Arshad Javid, Muhammad Altaf, Muhammad Shahbaz, **Waqas Ali**, Khalid Javed Iqbal. Studies on Parasitic prevalence in wild turkeys (*Meleagris Gallopavo*) in intensive rearing system. PAR-29. 37th Pakistan congress of Zoology.PP.241.
11. Sajid Ali, Arshad Javid, Muhammad Ashraf, **Waqas Ali**, Ali Hussain, Syed Makhdoom Hussain and Muhammad Hafeez-ur-Rahman. Replacement of Antibiotics with Linum usitatissimum and *Sesamum indicum* Extract as growth promotors in diets for fingerlings of grass carp (*Ctenophargodon idella*). CBGP-239. 37th Pakistan congress of Zoology.PP.156.
12. Khizra Ijaz, Ali Hussain, Arshad javid, Muhammad Hafeez-ur-Rahman, **Waqas Ali**, Muhammad Akmal, Ali Hassan, Khalid Ali and Shahid Ali. Bioaccumulation of metal ions in different tissues of Wallago attu sampled from anthropogenically impacted segment of Ravi Pakistan. CBGP-200. 37th Pakistan congress of Zoology.PP.132.
13. Sidra Atta, Ali Hussain, Arshad javid, Muhammad Hafeez-ur-Rahman, **Waqas Ali**, Muhammad Akmal, Ali Hassan, Khalid Ali and Shahid Ali. Bioaccumulation of Pesticide Residues in different tissues of Wallago attu sampled from anthropogenically impacted segment of Ravi Pakistan. CBGP-199. 37th Pakistan congress of Zoology.PP.131.
14. Tasnim Sadaf, Arshad Javid, ujala Kiran, **Waqas Ali**, Ali Hussain, Syed Makhdoom Hussain and Muhammad Hafeez ur Rahman. Variations in Blood Biocheical Profile of Some captive Avian Species. CBGP-158. 37th Pakistan congress of Zoology.PP.104.
15. Sara Amin, Arshad Javid, **Waqas Ali**, Ali Hussain, Syed makhdoom Hussain and Muhammad Hafeez ur Rahman. Influence of female body weight on external egg quality parameters in turkeys Meleagris gallopavo. CBGP-153. 37th Pakistan congress of Zoology.PP.101.

16. Shabana Tufail, Arshad Javid, **Waqas Ali**, Ali Hussain, Syed Makhdoom Hussain and Muhammad Hafeez ur Rahman. The relationship of parent body weight with external egg quality parameters in ring necked pheasants in captivity. CBGP-154. 37th Pakistan congress of Zoology.PP.101.
17. Allah Dita, Muhammad Akmal, Ali Hussain, Arshad Javid, Muhammad Hafeez ur Rahman, **Waqas Ali**, Ali Hassan, Khalid Ali and Shahid Ali. Isolation and identification of fungal pathogens from Clarias batrachus cultured under semi intensive culture system. CBGP-114. 37th Pakistan congress of Zoology.PP.77
18. Noreen Kanwal, Muhammad Akmal, Ali Hussain, Arshad Javid, Muhammad Hafeez ur Rahman, **Waqas Ali**, Ali Hassan, Khalid Ali and Shahid Ali. Isolation and identification of fungal pathogens from Clarias batrachus cultured under semi intensive culture system. CBGP-112. 37th Pakistan congress of Zoology.PP.76
19. **Waqas Ali**, Arshad Javid, Muhhmad Awais Nazir, Junaid Naseer and Irfan. Studies on Heavy Metals Toxicity and Water quality Parameters of River Sutlej, Punjab, Pakistan. FEWFM-3. 36th Pakistan congress of Zoology.PP.173
20. Hamda Azmat, Zara Saeed, Arshad Javid, Syed Makhdoom Hussain, **Waqas Ali**, Noor Khan and Fayyaz Rasool. Studies on Chromium Bioaccumulation patterns in Indian Major Carps Samples from Trimmu Barrage, Pakistan. CBGP-120. 36th Pakistan Congress of Zoology. PP.84
21. Ayesha Zareen, Arshad Javid, Irfan, **Waqas Ali** and Muhammad Idnan. Studies on Avifauna Diversity of Jallo Wildlife Park, Lahore. FEWFM-62. 36th Pakistan congress of Zoology. PP.210
22. M. Awais Nazir, Arshad Javid, Rizwana Noor, Sana Ashraf, Muhammad Idnan and **Waqas Ali**. Comparative studies on growth performance, parasitic variation and reproductive traits in domestic and wild pigeons. PAR-29. 35th Pakistan Congress of Zoology. PP. 144.
23. **Waqas Ali**, Arshad Javid, Muhammad Ashraf, Muhammad Idnan, Syed Makhdoom Hussain and Zulfiqar Ali.WL-P-8.The Amphibians and reptiles of district kasur. National Conference and training workshop on wildlife and Aerobiology, University of Punjab Lahore, Pakistan. 6th & 7th February, 2015.PP.20.
24. **Waqas Ali**, Arshad javid, Muhammad Mahmood-UL- Hassan, Muhammad Shahbaz and Syed Makhdoom Hussain. Bat fauna diversity of Lahore, Pakistan. FEWFM-128. 34th Pakistan Congress of Zoology. PP. 275.
25. **Waqas Ali**, Noor Khan, Arshad Javid, Muhammad Awais Nazir, Anum Zahid. Effect of different dietary protein Concentration on the Survival, Growth Potential and body composition of GMT in flow through and Semi-intensive Culture System. FEWFM-57. 33rd Pakistan Congress of Zoology PP.305
26. Anum Zahid, Noor Khan, Muhammad Ashraf, Sana Ashraf, Huma Zahra, Nida Ismat, Sajid Mahmood and **Waqas Ali**. Effect of artificial feed and fertilization on growth and body composition of genetically improved farmed tilapia (GIFT). FEWFM-52.33rd Pakistan Congress of Zoology.PP.302
27. Huma Zahra, Muhammad Ashraf, Muhammad Hafeez ur Rehman, Sana Ashraf, Nida Ismat, Anum Zahid and **Waqas Ali**. Comparative effective of natural and artificial feed on growth survival and organ development in larval Indian major carps.FEWFM-58. 33rd Pakistan Congress of Zoology. PP.306

CONFERENCES ATTENDED

1. Bat fauna diversity of Lahore, Pakistan in 34th Pakistan Congress of Zoology organised by Bahaudin Zakariya University, Multan. February 25-27, 2014.
2. Effect of different dietary protein concentration on the survival, growth potential and body composition of GMT in flow through and semi-intensive culture system in 33rd Pakistan Congress of Zoology. Jointly organised by Pakistan Museum of Natural History, Islamabad and PMAS Arid Agriculture University, Rawalpindi. April 2-4, 2013.
3. Feeding Pakistan Aquaculture Conference. April 2-3, 2014. Pearl Continental Hotel Lahore, Pakistan

LIST OF SHORT COURSES AND WORKSHOPS ORGANIZED

1. Resource person of one day Seminar on “Forest and Livelihoods: Sustaining People and Planet”. March 3, 2021 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
2. Chief organizer of one day hands on training “Taxidermy Techniques”. February 13, 2018 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
3. Chief organizer of 2-days Hands on Training in Wildlife Photography Field Training from November, 24-25, 2016 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.

LIST OF SHORT COURSES, SEMINARS AND WORKSHOPS ATTENDED

1. An International Webinar on “Modern Technologies in Aquaculture: Perils and Potentials” organised by Department of Fisheries and Aquaculture, University of Veterinary & Animal Sciences, Ravi Campus on November 16, 2021.
2. An International seminar on “Fish Disease and Health Management seminar” organised by Department of Fisheries and Aquaculture, University of Veterinary & Animal Sciences, Ravi Campus on October 06, 2021.
3. An International seminar on “Plant Biodiversity and Ecosystem Services” organised by Department of Biological Sciences, University of Veterinary & Animal Sciences, Ravi Campus on September 08, 2021.
4. One day “Hands on Training in Taxidermy Techniques” organised by Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus on August 09, 2021.
5. International Webinar “Avian Conservation: Issues and Options” organised by Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus on August 09, 2021.
6. One Day Seminar on “Application of Remote Sensing & GIS in Life Sciences” organised by Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus on March 22nd, 2021.
7. Online seminar on “Molecular identification of lichens and their role in environmental monitoring” organised by Department of Biological Sciences, University of Veterinary & Animal Sciences, Ravi Campus on December 30th, 2020.
8. Online seminar on “Molecular phylogenetics and its applications” organised by Department of Biological Sciences, University of Veterinary & Animal Sciences, Ravi Campus on December 29th, 2020.

9. Online seminar on “Applications of crispr gene editing tool in animals fungi & plants” organised by Department of Biological Sciences, University of Veterinary & Animal Sciences, Ravi Campus on December 28th, 2020.
10. World Fisheries Day organised by Department of Fisheries and Aquaculture, University of Veterinary & Animal Sciences, Ravi Campus on November 23rd, 2020.
11. On day workshop on “ Sustaining All Life on Earth” organised by Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus on March 3rd, 2020
12. One day Workshop on “ Snake bite Management” organised by Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus on February 19th, 2020
13. One Day workshop on “ Mushroom Cultivation Techniques” organised by Department of Biological Sciences, University of Veterinary & Animal Sciences, Ravi Campus on November 29th, 2019.
14. One day seminar on “Integrated pest management (IPM)” jointly organised by Department of Wildlife & Ecology, University of Veterinary and Animal Sciences and Pestex Environmental Science, Pakistan on 24th September, 2019.
15. One day training workshop on “Basic Bioinformatics tools for functional genomics” organised by Department of Biological Sciences, University of Veterinary and Animal on July 5, 2019.
16. Two-day “Training of Fall into Bioinformatics” on April 15-16, 2019 by Bioinformatics Hub, The University of Adelaide, Australia.
17. One Day workshop on “ Mushroom Cultivation” on December 28th, 2018 by Department of Botany, University of Veterinary & Animal Sciences, Ravi Campus.
18. One day Hands on Training Workshop on “Recycling of Domestic Waste into Organic fertilizer using compost bins” on 23rd November, 2018 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
19. One day International Seminar on “Recent advances in Zoological Science” May 10th, 2018 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
20. One day Workshop on “Laboratory Biosafety and Biosecurity”. May 4th, 2018 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
21. One day training workshop on “Techniques for Species Conservation and Monitoring for Ecosystem Health. April 20, 2018 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
22. Two day Seminar “1st Pakistan Halal Assembly”. March 21-22, 2018 at Institute of Home and Food Sciences, Government College University, Faisalabad.
23. 2-day Workshop on “Analytical Model Building and Proposal/Project Development on December 28-29, 2017 organized by Department of Statistics and Computer Science, University of Veterinary and Animal Sciences Lahore.
24. One day hands on training “Taxidermy”. December, 28, 2017 at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
25. 2-day international conference on “Innovative biological and public health research (IBPHR-2017)” on 6-7 December, 2017 organised by Department of Zoology, GCU, Lahore.
26. One day Seminar on World Fisheries Day on November 24th, 2017. Jointly Organised by Department of Fisheries and Aquaculture, University of Veterinary & Animal Sciences, Ravi Campus and HEC-BC KEP Project.
27. One day Seminar on World Fisheries Day on November 21st, 2016. Jointly Organised by Department of Fisheries and Aquaculture, University of Veterinary & Animal Sciences, Ravi Campus and HEC-BC KEP Project.

28. On day Hands-on-Training on “ Laboratory Biosafety” November 3,2016 organised by Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
29. Three days’ workshop on “Advanced learning of Artificial Insemination in Chickens: an emerging trend in Pakistan Poultry Industry: September, 27-29, 2016. Organised by Department of Poultry Production, University of Veterinary & Animal Sciences, Ravi Campus.
30. One day hands on training workshop on Basic techniques for identification of ticks and other parasites. September, 2, 2016.Organised by Department of Parasitology, University of Veterinary & Animal Sciences, Lahore.
31. Five days training of “In-Service Short Term Training of University Faculty” August, 1-5, 2016 at Faculty of Fisheries and Wildlife, University of Veterinary & Animal Sciences, Ravi Campus.
32. Three days hands on training on ‘Butterflies/ insects collection & preservation techniques’ November 4-6, 2015’ at Department of Wildlife & Ecology, University of Veterinary & Animal Sciences, Ravi Campus.
33. One day ‘Training of presiding officers and assistant presiding officers local government elections, Punjab, 2015’ on October 20, 2015 organised by election commission of Pakistan.
34. Two days hands on training on ‘Zoo Animals keeping, Zoonosis & Bio-Safety Measures’ August 27-28, 2015 at Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Ravi Campus.
35. Three Day hands on training “Animal Stuffing and taxidermy techniques”. June24-26, 2015 at Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Ravi Campus.
36. Four Day workshop on “Capacity building of young researchers”. June, 15-18, 2015 at Department of Poultry Production, Faculty of Animal Production and Technology, UVAS, Ravi Campus Pattoki.
37. Wildlife & Aerobiology Conference & Training Workshop, 6th & 7th February, 2015 held at Department of Zoology, University of the Punjab, Lahore.
38. Development of sustainable and collaborative research networks talented research exchange programme-INSPIRE-Pakistan. 26-27 October, 2010. Department of Wildlife and Ecology, University of Veterinary & Animal Sciences, Ravi Campus.

POSTER AND MODEL PRESENTATIONS

1. Poster presentation on “The amphibians and reptiles of district Kasur”. National Conference and training workshop on wildlife and Aerobiology, University of Punjab Lahore, Pakistan. 6th & 7th February, 2015.
2. Coastal area model presentation in scientific exhibition, Spring Festival 25th March, 2014 at University of Veterinary & Animal Sciences, Lahore.

MEMBERSHIPS

Memberships of Administrative Bodies

1. Member of Departmental Board of Studies, Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Lahore, Pakistan (August, 2018 to date).
2. Member of Faculty Board of Studies, Faculty of Fisheries and Wildlife, University of Veterinary and Animal Sciences, Lahore, Pakistan (November 8, 2019 to date)
3. QEC Focal Person, Department of Wildlife and Ecology, University of Veterinary and Animal Sciences, Lahore, Pakistan (From 21-July-2017 to date)

Memberships of Journal Reviewing Committees

Sr. No.	Journal Name	ISSN Print / Online	Total No. of Articles Reviewed
1	Biologia	1336-9563	1

Memberships of Learned Societies

1. Fellow of UVAS Wildlife Society
2. Alumni Association UVAS, Lahore, Pakistan

POSTGRADUATE STUDENTS SUPERVISION

i. M. Phil. Students Supervised as Major Supervisor

Sr. No.	Student's Name	Registration No.	Degree	Thesis Title	Year
1.	Areej Fatima	2021-mphil-1405	MPhil Zoology	Course work in progress	
2.	Muhammad Usman	2021-mphil-1387	MPhil Zoology	Course work in progress	
3.	Adeel Anjum	2018-va-1476	MPhil Wildlife and Ecology	Course work in progress	-
4.	Rana Fazail Ahmed	2020-mphil-1823	MPhil Wildlife and Ecology	Course work in progress	-
5.	Sehresh Ghafoor	2015-va-678	MPhil Zoology	Determination of antimicrobial and herbal drug resistance of some bacterial isolates from feces of common toad (<i>Bufo stomaticus</i>)	-
6.	Memoona Sajjad	2016-va-1015	MPhil Zoology	Feeding Ecology and Oral Microflora of banded kukuri snake (<i>Oligodon arnesis</i>)	2022
7.	Muazzma Butt	2019-mphil-2400	MPhil Wildlife and Ecology	Antimicrobial Sensitivity of common toad's (<i>Bufo stomaticus</i>) skin secretions against selected bacterial species	2022
8.	Muhammad Rizwan Afzal	2017-va-1448	MPhil Wildlife and Ecology	Oral microbiome of black rat (<i>Rattus rattus</i>) from district Kasur	2022
9.	Muhmnad Rameez	2017-va-1460	MPhil Wildlife and Ecology	Oral microbiome of Small Indian Mongoose (<i>Herpestes auropunctatus</i>) from district Kasur	2022
10.	Mudasar Hussain	2015-va-663	MPhil Wildlife and Ecology	Oral microbiome of fruit-bat (<i>Pteropus medius</i>) from district Kasur	2021
11.	Umair Ahmad	2015-va-658	MPhil Zoology	Molecular phylogenetics of	2021

				family Elapidae from district Kasur, Punjab, Pakistan	
12.	Sadia Arshid	2016-va-1035	MPhil Wildlife and Ecology	Molecular identification of family Ranidae from Changa Manga Forest, Punjab, Pakistan	2021
13.	Amina Shaheen	2016-va-1162	MPhil Wildlife and Ecology	Phylogenetic relationship among freshwater turtles from Kasur, Pakistan.	2021
14.	Saira Bibi	2018-va-1405	MPhil Zoology	Genetic diversity and phylogenetic relationship of genus <i>Uromastyx</i> from Punjab, Pakistan.	2021
15.	Sadia Ali	2018-va-32	MPhil Wildlife and Ecology	Molecular characterization of family Colubridae from Punjab, Pakistan	2020
16.	Saddam Hussain	2015-va-1300	MPhil Zoology	Phylogenetic relationships among different amphibian species from district Bahawalnagar, Punjab, Pakistan	2020
17.	Muhammad Junaid Siddique	2014-va-1025	MPhil Wildlife and Ecology	The diversity and habitat preferences of amphibians and reptiles in district Lahore.	2019
18.	Atif	2017-va-07	MPhil Wildlife and Ecology	Phylogenetic relationship among bull frog (<i>Hoplobatrachus tigerinus</i>) populations from Punjab and KPK Provinces.	2019
19.	Zaitoon Ramzan	2014-va-1019	MPhil Zoology	Morphological variation in bats of the genus <i>scotophilus</i> captured from Punjab, Pakistan	2019
20.	Maida Mushtaq	2013-VA-983	MPhil Zoology	Assesment of mircobiota from fecal, oral and gut contents of Pheasants	2019

ii. M. Phil. Students Supervised as Member of the Supervisory Committee

Sr. No.	Student's name	Registration No.	Degree	Thesis Title	Year
	Mishal Fatima	2021-mphil-1393			
1	Vabia Mubeen	2016-va-751		Course work in progress	-
2	Hafsa Khan	2015-va-669		Captive wild birds as reservoirs of Aeromonas and Enterobacter species and sensitivity of these bacteria towards different anyibiotics	2022
3	Aqsa Noor	2015-va-1232		Assessment of diversity and habitat preferences of various avian species along an altitudinal	2022

				gradient	
4	Maryam Saeed	2014-va-972		Conformation of phylogenetic relationship between grey francolin (<i>Francolinus pondicerianus</i>) and black francolin (<i>Francolinus francolinus</i>) based on molecular investigation	2020
5	Iqra Ishaq	2016-va-1087		Fungal conversion of pressmud into biofortified compost	2020
6	Saba Zahid Ch	2017-va-102		Interspecific variations in blood biochemical profile and parasitic prevalence in two congeners (genus <i>Phasianus</i>) in captivity.	2020
7	Sajid Ali	2015-mphil-2261		Effect of different feed restriction duration on growth haematology and Meat attributes in turkeys (<i>Meleagris gallapao</i>)	2018
8	Memoona Yasmin	2014-va-1013		Phenotypic and genotypic variations in farmed Mallard and Muscovy ducks	2018

i. PhD Students Supervised as Member of the Supervisory Committee

Sr. No.	Student's name	Registration No.	Degree	Thesis title	Year
1	Nimra Khalid	2020-phd-1173		Course work in progress	-

COURSES OFFERED

Undergraduate		
Sr. #	Course Title	Credit Hours
1.	Animal Behaviour	3(2-1)
2.	Animal Diversity-Invertebrates	4(3-1)
3.	Animal Diversity-Chordates	4(3-1)
4.	Evolution	3(2-1)
5.	Introduction to Environmental Sciences	3(3-0)
6.	Natural Resources Management	3(3-0)
7.	Zoogeography and Palaeontology	3(2-1)
Postgraduate		
8.	Wetlands Management	3(2-1)

REFERENCES

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