

CURRICULUM VITAE



Dr. Sardar Azhar Mehmood

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Hazara University Mansehra Pakistan
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PERSONAL INFORMATION

Father's Name:.....Muhammad Maskeen

Date of Birth:April 03, 1976

Nationality:.....Pakistani

Religion:.....Islam

NIC Number:42201-2064604-9

Skype ID:.....sardar09

Marital status:.....Married

Computer Skills:.....Microsoft office/Windows/Internet

Languages:.....English (official),Urdu (National),Gujjari,Pushtoo, Hindko,
Punjabi

Educational History

Year	Degree	Field of study	Institution/ University
1992	S.S.C.	Science	B.S.E. Karachi
1994	H.S.C.	Pre- Medical	B.I.E. Karachi
1999	B.Sc.	Zoology, Botany and Chemistry	University of Karachi
2002	M.Sc.	Zoology	Department of Zoology University of Karachi
2010	M.Phil.	Genetics	Hazara University Mansehra
2016	Ph.D.	Zoology	Hazara University Mansehra

RESEARCH / ACADEMIC POSITIONS

October 13, 2008 – January 12, 2012

Lecturer (contract base) Department of Zoology Hazara University Mansehra Pakistan.

January 13, 2012 – October 31,2018

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Lecturer Department of Zoology Hazara University Mansehra Pakistan.

November 01, 2018 – till to date

Assistant Professor Department of Zoology Hazara University Mansehra Pakistan.

Professional Duties: Teaching and research

ACADEMIC RECORD

2016-Doctor of Philosophy (Zoology)

Dissertation Title: “Analysis of species diversity of Odonata of Hazara Region of Pakistan through conventional and molecular approaches”

Institute: Department of Zoology Hazara University Mansehra Pakistan

2009-Master of Philosophy (Genetics)

Dissertation Title: “DNA based characterization of pheasants of western Himalayan region of Pakistan”

Institute: Department of Genetics Hazara University Mansehra Pakistan

M.Phil Supervisor: Professor Dr. Habib Ahmad *TI*

2001-2002- MSc - Zoology- (Entomology)

Department of Zoology University of Karachi, Karachi Pakistan

Major Subjects: Chordate Zoology, Advance invertebrate Zoology, Ecology, Zoogeography, Biostatistics, Genetics, Cell Biology, Insect biochemistry, insect Biosystematics, Insect Ecology, Insect Toxicology, Integrated pest management and Biological control of pest..

1998-1999 - BSc - Biology

University of Karachi, Karachi. Pakistan.

Major Subjects: Zoology, Botany, English Language and Chemistry

1992-1994 – Higher Secondary School Certificate (HSSC) - Pre Medical

Govt. Superior Science College Shah Faisal Colony Karachi, Pakistan

Major Subjects: Biology, Chemistry, Physics and English Language.

1990-1992 - Secondary School Certificate (SSC)

Al-Hijjaz Academy Muzzafarabad Colony Landhi, Karachi

Major Subjects: Biology, Chemistry, Physics Mathematics and English Language

Professional background and current position held

Name of Institution Organization/Deptts.	Post held	Period	
		From	To
Department of Zoology Hazara University Mansehra	Assistant Professor	01/11/2018	Till to date

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Department of Zoology Hazara University Mansehra	Lecturer	13/01/2012	31/10/2018
Department of Zoology Hazara University Mansehra	Lecturer On contract base	13/10/2008	12/01/2012

Formal Trainings

Name of Institute	Type of Training	Period		Certificate or Diploma Obtained
		From	To	
University of Karachi	Certificate Course on computers orientation and Packages	August 25, 2002	October 10, 2002	Certificate
Govet. Superior Science College Karachi	The National Cadet Corps	November 1992	December 1993	Certificate of service
Hazara University Mansehra	Utilization of DNA technology	May 22, 2007	May 26, 2007	Certificate
California state University, Bakersfield	A dental investigation of the Biological origions and interactions among Ethenic groups of Northern Pakistan	May , 2007	August, 2008	Certificate
National Council for Homeopathy, Islamabad	Homeopathic diploma course	August, 1996	July,2000	Diploma
Department of Zoology and Fisheries Agriculture University Faisal abad	Training field and laboratory Techniques for the study of Volant and non-Volant small	July 26, 2011	July 30, 2011	Certificate

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	mammals			
PARC	Geographic information system and remote sensing	December 30,2015	January 01, 2016	Certificate

PhD students supervised (02 PhD students were supervised)

1. Iftekhhar Hussain, **Sardar Azhar Mehmood**. 2020. Analysis of species diversity of order Chiroptera through molecular and conventional approach from FATA region of Pakistan.
2. Sundus Zahid, **Sardar Azhar Mehmood**. 2022. Biosystematics of Pyrgomorphidae grasshoppers with special reference to evolution of genitalia

MPhil students supervised (31 MPhil Students were supervised)

1. Rababa, **Sardar Azhar Mehmood**. 2022. Identification and distribution of insect pests of tomato in District Kurram.
2. SanaUllah, **Sardar Azhar Mehmood**.2022. Biosystematics of butterflies (Lepidoptera) from District Battagram.
3. Saeed Ur Rahman, **Sardar Azhar Mehmood**.2022. Diversity and distribution of Odonates at altitudinal cline of District Swat.
4. Abdullah Shah, **Sardar Azhar Mehmood**.2022. Faunistic study of aquatic insects of District Swat.
5. Aisha Bakhtiat, **Sardar Azhar Mehmood**.2022. Comparative efficacy of vaccines against Paramyxovirus in broilers.
6. Awais Ur Rahman Qurni, **Sardar Azhar Mehmood**.2022. Biodiversity of butterflies (Lepidoptera) from Siran valley District Mansehra.
7. Wajid Ali Khan, **Sardar Azhar Mehmood**.2022. Diversity and distribution of Lizard fauna in Dstrict Buner.
8. Waseem Akram, **Sardar Azhar Mehmood**.2022. Species diversity of Dragonflies and Damselflies in District Malakand.
9. Najam Us Sahar, **Sardar Azhar Mehmood**.2022. Analysis of species diversity of butterflies from District Abbottabad through DNA based approaches.
10. Sadam Hussain, **Sardar Azhar Mehmood**.2022. Biosystematics and geospatial distribution of Scorpion fauna in District Dir Lower.
11. Naila Khan, **Sardar Azhar Mehmood**.2022. Incidence of Salmonellosis in poultry birds of District Mansehra.
12. Syeda Faryal Sakhawat, **Sardar Azhar Mehmood**.2021. Effect of Moringa oleifera leaf powder on productive performance and antibody titer against Newcastle Disease Virus in broilers at Jaba Mansehra.
13. SamiUllah, **Sardar Azhar Mehmood**. 2021. Effect of Glyphosate on the predatory performance of selected Odonate nymphs against mosquito larvae.
14. Raheela Tabassum, **Sardar Azhar Mehmood**. 2021. Distribution and abundance of butterfly fauna in District Abbottabad.
15. Laraib Sher, **Sardar Azhar Mehmood**.2021. A study on identification and distribution of insect pests of Potato in District Mansehra.
16. Awais Khalid, **Sardar Azhar Mehmood**. 2020. An in vitro trail to use Bacteriophages as biological control agent against multidrug resistant Pseudomonas aeruginosa.
17. Hafeez Ur Rahman, **Sardar Azhar Mehmood**. 2020. A study on intestinal parasites in school going children of urban areas of lower Dir.

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18. Shafi Ullah, **Sardar Azhar Mehmood**. 2020. A study on insect pest of wheat in District Swat. Department of Zoology Hazara University Mansehra.
19. Amir Alam, **Sardar Azhar Mehmood**. 2020. Biosystematics of Aphids from District Buner. Department of Zoology Hazara University Mansehra.
20. Shoaib, **Sardar Azhar Mehmood**. 2019. Biosystematics of Aphid fauna from District Bannu. Department of Zoology Hazara University Mansehra.
21. Mutasim Billah, **Sardar Azhar Mehmood**. 2019. Diversity of Weevil fauna from District Bannu. Department of Zoology Hazara University Mansehra.
22. Asma Akbar, **Sardar Azhar Mehmood**. 2018. Morphological study and molecular characteristics of family Aeshnidae in District Swat Pakistan. Department of Zoology Hazara University Mansehra.
23. Imran, **Sardar Azhar Mehmood**. 2018. Fuanastic study of Odonata in District Dir Lower Pakistan. Department of Zoology Hazara University Mansehra.
24. Mehwish Kianat, **Sardar Azhar Mehmood**. 2018. Taxonomic status of Noctuidae (Lepidoptera) of District Mansehra Pakistan. Department of Zoology Hazara University Mansehra.
25. Muhammad Akram, **Sardar Azhar Mehmood**. 2018. Sardar Azhar Mehmood. 2018. Eco-taxonomic study of false katydids (phaneropterinae) of district mansehra Pakistan. Department of Zoology Hazara University Mansehra.
26. Abdul Basit, **Sardar Azhar Mehmood**. 2018. A study on identification and distribution of insect pests of onion in District Mansehra Pakistan. Department of Zoology Hazara University Mansehra.
27. Saba Sadiq, **Sardar Azhar Mehmood**. 2018. Taxonomic study of Conocephalinae of District Mansehra Pakistan. Department of Zoology Hazara University Mansehra.
28. Bakhat Zada, **Sardar Azhar Mehmood**. 2018. Biosystematic study of Aphid fauna of District Battagram Department of Zoology Hazara University Mansehra
29. Furhat Anwar, **Sardar Azhar Mehmood**. 2018. Morphogenetic study of Ladybird Beetle of Tehsil Matta District swat. Department of Zoology Hazara University Mansehra.
30. Ihsanullah, **Sardar Azhar Mehmood**. 2018. Prevalence and molecular identification of Hepatitis C in South Waziristan. Department of Zoology Hazara University Mansehra
31. Ayeshia Jalil, **Sardar Azhar Mehmood**. 2018. Biodiversity of family Coccinellidae in Nandhiar Khuwarr Catchment District Battagram. Department of Zoology Hazara University Mansehra.

MPhil students Co-supervised (total 09)

1. Nabeel Ahmad, Azhar H. Shah, **S.A Mahmood**, 2022. Molecular characterzition of Grasshooper speices from Tehsil Oghi.
2. Muhammad Yousaf, Shumaila Noreen, **S.A Mahmood**. 2022. Biosystematics and geo-spatial distribution of Odonata in District Bajaur.
3. Adil Nawaz, Shumaila Noreen, **S.A Mahmood**. 2022. Impacts of anthropogenic activities on the distribution and diversity of aquatic insect fauna of Lower Dir.
4. Ahsan, Shumaila Noreen, **S.A Mahmood**. 2022. Species diversity and prevalence of Bovid ticks infestation in livestock of District Mansehra.
5. Waqas Ahmad, Habib Ahmad, **S.A Mahmood**. 2021. Molecular phylogenetics of Orthoptera from Buner.
6. Saba Javed, Shabir Ahmad, **S.A Mahmood**. 2020. Biosystematics of Libellulidae Dragonflies in District Haripur.

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7. Mahreen, M., M. Khushi, **S.A Mahmood**.2017. Morphogenetic study of some selected dragonflies of family Libullulidae of district Attock Punjab. Department of Genetics Hazara Mansehra
8. Rahnaz , Nadeem, M.S. and **Mahmood, S.A.** 2016 “DNA based characterization of some selected pheasants using molecular markerts”. Department of Zoology, Hazara Mansehra.
9. Mahar, R., Nadeem MS., Ahmad H., Muhammad K., **Mahmood SA.** 2015
Phylogenetics of Peacock of Pakistan. Department of Genetics Hazara.

MSc/ BS students supervised

1. Bahrul Amin, **Sardar Azhar Mehmood**. 2022. Comparative study of pitfall and flight interception trapping systems for insect systematics at two localities in Allai District Battagram.
2. Aishia Maqsood, **Sardar Azhar Mehmood**. 2022. A study on effectiveness of light and yellow sticky traps for insect diversity in Mongan Machi Pole District Manshera.
3. Aameer, **Sardar Azhar Mehmood**. 2022. Diversity and distribution of insects thorough approaching yellow pan tapping system in Phagora Battagram.
4. Amir Badsha, **Sardar Azhar Mehmood**. 2022. Analysis of insects diversity through light, pitfall, and flight interception trapping systems from District North Waziristan.
5. Attaullah, **Sardar Azhar Mehmood**. 2022. Analysis of insect diversity through flight interception and pit fall trapping systems in Union Concil Trand Qalla Thesil and District Battagram.
6. Azhar Mehmood, **Sardar Azhar Mehmood**. 2022. diversity of insects through pitfall, flight interception and light traping systems in village datta tehsil and district mansehra.
7. Ayesha Saleem, **Sardar Azhar Mehmood**. 2022. Diversity and distribution of insects approaching effectiveness of pitfall and flight interception trapping systems.
8. Ehtesham, **Sardar Azhar Mehmood**. 2022. Studies on effectiveness of flight interception and pitfall trapping system for diversity and disribution of insect in District.
9. Mansehra. Ghafoor Shah, **Sardar Azhar Mehmood**. 2022. Systematics of insects through light, pitfall and flight interception trapping systems.
10. Jawad Khan, **Sardar Azhar Mehmood**. 2022.Taxonomic study of preserved Coleopteran species in Entomological Museum Garden campus Hazara University, Mansehra.
11. Rasool, M., **S.A. Mehmood** and S. Ahmad. (2020). Diversity and distribution of dragonflies of District Mehmand, Khyber Pukhtoonkhwa, Pakistan. M.Sc thesis Department of Zoology Hazara University Mansehra.
12. Khan, Z., **S.A. Mehmood** and S. Ahmed. 2013. Diversity and Taxonomy of libellulidae dragonflies of district Batagram. Department of Zoology Hazara University, Mansehra.
13. Baig, A., **S. A. Mehmood** and S. Ahmed. 2013. Prevalence of dengue fever in District Swat.
14. Irfan, M., **S. A. Mehmood** and S. Ahmed. 2013. Biodivesity of damselflies of District Mansehra.
15. Ahmad, S., **S. A. Mehmood** and S. Ahmed. 2013. Exploring the dragonfly (anisoptera: odonata) fauna of tehsil katlang District Mardan.
16. Ullah, S., **S. A. Mehmood** and S. Ahmed. 2013.Prevalence of typhoid fever in District Peshawar.

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17. Hussain, I., **S. A. Mehmood** and S. Ahmed. 2013. Biodiversity of dragonflies of Rustam, District Mardan.
18. Ubaid, J., **S. A. Mehmood** and S. Ahmed. 2012. Species diversity of dragonflies of Lower Siran District Mansehra.
19. Haroon. **S. A. Mehmood** and S. Ahmed. 2012. Diversity of butterflies of District Charsada.
20. Zabir Khan and **S.A Mehmood**. (2013) Species diversity and taxonomy of family Libellulidae (Odonata; insect) of district Battagram. M.Sc thesis Department of Zoology Hazara University Mansehra.
21. Muhammad Hussain and **S.A. Mahmood** (2014) Effect of pesticides on health status of occupational farmers and dealers in Adenzai Dir Lower, Pakistan. M.Sc thesis department of zoology hazra university Mansehra.
22. Hanif Ullah and **S.A Mehmood**. (2013) Prevalence of Malaria in district Dir Lower, Khyber Pakhtunkhwa Pakistan. M.Sc thesis department of Zoology Hazara University Mansehra.
23. Majeed ullah and **S.M. Mehmood**. (2014) Exploring the Dragonfly (anoptera odonata) Fauna of tehsil Matta District Swat, KP Pakistan M.Sc thesis Department of Zoology Hazara University Mansehra.
24. Muhammad Javed and **S.A. Mehmood**. (2015) Diversity of dragon flies of Sarwakai South Waziristan Agency .M.Sc thesis Agency M.Sc thesis Hazara University Mansehra.
25. Wali ur Rehman and **S.A. Mehmood** (2013) Exploring the dragonfly (anisoptera odonata) fauna of Wana South Waziristan Agency, thesis of M.Sc Hazara University Mansehra.
26. Mazhar Ali and **S.A, Mehmood** (2015) Prevalence of Malaria District Swat KPK, Pakistan. Thesis of M.Sc Hazara University Mansehra.
27. Khalil- Ur – Rhman and **S.A. Mehmood** (2015) Diversity of libelluidea dragon flies of District Upper Dir .M. Sc thesis of Department Zoology Hazara University Mansehra.
28. Shabir Ahmad and **S.A. Mehmood** (2013) Population of Avian Urban Adapters in Mardan city KP Pakistan. Thesis of M.sc Zoology Hazara University Mansehra.
29. Haroon and **S.A. Mehmood** (2012) Diversity of Butterfly fauna of Union council Koz Bahram Dehri tehsil Tangi District Charsadda KP Pakistan M.sc thesis Zoology Department Hazara University Mansehra.
30. Adil Baig and **S.A. Mehmood**. (2013) Prevalence of dengue in district Swat KPK Pakistan.M.sc thesis Zoology Department Hazara University Mansehra.
31. Irfan Ullah and **S.A. Mehmood** (2013) Species diversity of Damsel Fly (Zygoptera Odonata) in district Mansehra.M.sc thesis Zoology Department Hazara University Mansehra.
32. Abrar Hussain and **S.A. Mehmood** 2013.Exploring the dragonfly (Anisoptera: Odonata) Fauna of Rustam in district Mardan. M.Sc thesis Zoology Department Hazara University Mansehra.
33. Naveed Khan and **S.A. Mehmood** (2015) Prevalence of tuberculosis in district upper Dir Khyber Pakhtunkhwa. Bs (Hons) thesis Zoology Department Hazara University Mansehra.
34. Wali Ur Rehman and **S.A. Mehmood** (2013) Exploring the Dragonfly (Anisopteria odonata) Fauna of Wana Waziristan Agency. M.Sc thesis Department of Zoology Hazara University Mansehra.
35. Muhammad Inayat Ullah Khan and **S.A. Mehmood** (2013) Diversity and distribution of butterflies (Insecta: Lepidoptera) of district Dir lower, Khyber

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Pukhtoonkhwa, Pakistan. M.Sc thesis Department of Zoology Hazara University Mansehra.

MSc/ BS students Co-supervised

1. Awais, M., S. Ahmad and **S. A. Mehmood**. 2013. Breeding biology of house crow (*Corvus splendens*) in the vicinity of Hazara University Mansehra.
2. Jabeen, M., S. Ahmad and **S. A. Mehmood**. 2014. Prevalence of typhoid fever among suspected population of District Mansehra.

Publications

1. Sami Ullah Khan, · Sardar Azhar Mehmood, · Hazrat Ali, · Waqas Waqas aand · Bakht Rahbar.2022. The role of selected odonate nymphs in biological control of *Culex quinquefasciatus* larvae, and effect of glyphosate herbicide on their predatory performance. *International Journal of Tropical Insect Science*, 42:1859–1864.
2. Malika, M. N., K. Muhammad. S. A. Mehmood, S. Ahmed, B. N.Murtaza and M. S.Nadeem. 2021. Morphological and Phylogenetic Evaluation of Libellulidae Dragonflies from District Attock, Punjab, Pakistan. *Intl J Agric Biol* 26:393–400.
3. Imran, Mehmood S.A, Khan W, Ahmed S, Zia A, Khan N. 2021. Malaria in the Population District Dir Lower Khyber Pakhtunkhwa, Pakistan. *RADS J Pharm Pharm Sci*. 9(2):104-108.
4. **Mehmood, S. A.**, Ahmed Zia, Shabir Ahmad, Muzafar Shah, Waheed Ali Rababa and Irfanullah. 2021. Distribution and abundance of Odonates fauna of Tanawal region District Mansehra, Pakistan. *Journal of Animal and Plant Sciences*, 31(6): <https://doi.org/10.36899/JAPS.2021.6.0389>
5. **Mehmooda, S. A.**, A. Zia, S. Ahmed, W. A. Panhwar , W. Khan, M. Shah and Irfan Ullah.2021. Season al abundance and distribution of dragonflies in upper Siran valley of District Mansehra Pakistan.*Braz. J. Biol.*, 84, no.8 pp.92-97.
6. W. Khan, N.N. Nisa, A. R. Khan, B. Rahbar, **S.A. Mehmood**, S. Ahmed, M. Kamal, M. Shah, A. Rasool, W.A. Pahanwar, I. Ullah and S. Khan.2021. Roosting ecology and morphometric analysis of *Pteropus medius* (Indian flying fox) in Lower Dir, district, Pakistan. *Braz. J. Biol.* 81 (1): 2021.<https://doi.org/10.1590/1519-6984.221935>.
7. S. Ahmed, A. Zia, **S. A. Mehmood**, W. A. Panhwar, W. Khan, M. Shah and Irfan Ullah. 2021. Change in malate dehydrogenase and alpha amylase activities in *Rubus fruticosus* and *Valeriana jatamansi* treated granary weevil, *Sitophilus granaries*. *Braz. J. Biol.*, 84, no.8 pp.92-97.
8. Sundus Zahid, Ricardo Mariño-Pérez, **Sardar Azhar Amehmood**, Kushi Muhammad and Hojun Song. 2021. An Illustrated Key of Pyrgomorphidae (Orthoptera: Caelifera) of the Indian Subcontinent Region. *Zootaxa*, 4895 (3): 381–397. <https://doi.org/10.11646/zootaxa.4895.3.4>
9. Ayesha Nisar, Sawar Khan, Muddassar Hameed, Alisha Nisar, Habib Ahmad, **Sardar Azhar Mehmood**. 2021. Bio-conversion of CO2 into biofuels and other value-added chemicals via metabolic engineering. *Microbiological Research*, 251 (2021) 126813.
10. Kausar Saeed, Naveed Jhamat, Israr Alam, Anwar Sultana, Muhammad Islam, Shabir Ahmad, **Sardar Azahar Mehmmod**, Abdul Aziz, Burhan Uddin, Muhammad Anwar Saleem Khan and Muzafar Shah. 2021. Wild Avian and Mammalian Fauna of Elum Valley of Khyber Pakhtunkhwa Pakistan. *Bioscience Research*, 2021 18(1): 472-476.
11. A. Ahmad, W. Khan, S. N. Das, W. A. Pahanwar, S. Khalid, **S. A. Mehmood**, S. Ahmed, M. Kamal, M. S. Ahmed, H. Ul Hassan, S. Zahoor and A. Maqbool. 2021.

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- Assessment of ecto and endo parasites of *Schizothorax plagiostomus* inhabiting river Panjkora, Khyber Pakhtunkhwa, Pakistan. *Braz. J. Biol.*, 2021, vol. 81, no. 1 pp.92-97.
12. Kausar Saeed, Fawad Ali, Muhammad Islam, Muhammad Anwar Saleem Khan, Shabir Ahmad, **Sardar Azhar Mehmood**, Burhan Uddin, Abdul Aziz1, Naveed Jhamat, Anwar Sultana, Israr Alam and Muzafar Shah. 2021. Exploring the Diversity of Grasshopper (Orthoptera) fauna of Mardan region, Khyber Pakhtunkhwa. *Bioscience Research*, 2021 18(1): 515-520.
 13. Kausar Saeed, Luqman, Muhammad Rais, Israr Alam, Anwar Sultana, Shabir Ahmad, **Sardar Azhar Mehmood**, Muhammad Islam4, Naveed Jhamat, Muhammad Anwar Saleem Khan, Abdul Basit, Abdul Aziz, Burhan Uddin and Muzafar Shah. 2021. Exploring the Herpeto Fauna of Totalai Game Reserve, Khyber Pakhtunkhwa, Pakistan. *Bioscience Research*, 2021 18(1): 488-495.
 14. I. Hussain, **S. A. Mehmood**, S. Ahmed, M. Salim, A. Hussain, S. Noureen, D. Ahmed, M. Israr, F. Akbar, A. Rasool, H. Jabeen, K. Saeed, A. Alam, Sanaullah, K. Usman, N. Saeed, W. Khan and M. Shah. 2021. Systematic analysis of leisler's bat *Nyctalus leisleri* (Kuhl, 1817) captured from FATA region, Pakistan. *Brazilian Journal of Biology*, vol. 82, e238337 | <https://doi.org/10.1590/1519-6984.238337>.
 15. Iftikhar Hussain, **Sardar Azhar Mehmood**, Muzafar Shah, Mohammad Salim, Shabir Ahmed, Sana Ullah, Sidra Batool, Nadia Saeed and Khalid Usman. 2021. Morphometric and Phylogenetic Analysis of Short-Nosed Fruit Bat *Cynopterus sphinx* (Vahl, 1797) Captured from FATA Regions, Pakistan. *Pakistan J. Zool.*, pp 1-4.
 16. Zeeshan Khan, Zafar Ikhtiar, Ahmad Sadiq, Wali Rahman, Hizb ur Rahman, Imtiaz Ali, **Sardar Azhar Mehmood**, Amir Alam and Fawad Khan.2021. Diversity of grasshopper in the piedmont of mount Elum, Buner. *Pure Appl. Biol.*, 11(1):217-225, <http://dx.doi.org/10.19045/bspab.2022.110023>.
 17. Imran, Wali Khan, **Sardar Azhar Mehmood**, Shabir Ahmed, Ikram Khan.2020. Nutritional Rickets in Three Years Old Boy: A Case Report. *PSM Biological Research*, 5(3): 106-109.
 18. Bashir Ahmad, Wali Khan, Samina Yasmin, **Sardar Azhar Mehmood**, Shabir Ahmed, Sanjota Nirmal Das, Muzafar Shah and Ruhoallah Iqbal.2020. Prevalence of intestinal protozoans parasites of household dogs and risk perception of their Zoonosis in District Swabi, Pakistan. *Bioscience Research*, 2020 17(3): 2223-2232.
 19. W. Khan, N. N. Nisa, S. Ullah, S. Ahmad, **S. A. Mehmood**, M. Khan, S. Ahmad, W. Ali, Hamid Ullah and Khurshaid Anwar. 2020. Gastrointestinal helminths in dog feces surrounding suburban areas of Lower Dir district, Pakistan: A public health threat. *Braz. J. Biol.*, 2020, vol. 81, no. 1 pp.92-97.
 20. S. Khalid, W. Khan, S. N. Das, A. Ahmad, **S. A. Mehmood**, W. A. Pahanwar, S. Ahmed, M. Kamal, M. Waqas, R. M. Waqas, H. Ul Hassan, S. Zahoor and A. Maqbool. 2020. Evaluation of ecto and endo parasitic fauna of *Schizothorax plagiostomus* inhabitants of river Swat, Khyber Pakhtunkhwa, Pakistan. *Braz. J. Biol.*, 2020, vol. 81, no. 1 pp.92-97.
 21. W. Khana, I. Khan, H. Ullah, S. N. M. Zain, W. A. Panhwar, **S. A. Mehmood**, S. Ahmed, G. B. Siyal, M.S. Ahmad, M. Shah, T. Rafique, N. Ali, M. Salim and A. Hussain.2020. Cutaneous leishmaniasis–Awareness, knowledge and practices among general population in rural and urban areas in Malakand region, Pakistan. *Brazilian Journal of Biology*, vol. 82, e238665 | <https://doi.org/10.1590/1519-6984.238665>.
 22. Sawar Khan, Ayesha , Habib Ahmad , **Sardar Azhar Mehmood** , Muddassar Hameed , Xiaochao Zhao , Xiangshu Yang & Xingang Feng. 2020. Analyses of mitogenomic markers shed light on the divergence, population dynamics, and demographic history of Pakistani chickens, *Mitochondrial DNA Part A*, DOI: 10.1080/24701394.2020.1845323

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23. I. Hussain, **S. A. Mehmood**, S. Ahmed, M. Salim, A. Hussain, S. Noureen, D. Ahmed, M. Israr, F. Akbar, A. Rasool, H. Jabeen, K. Saeed, A. Alam, Sanaullah, K. Usman, N. Saeed, W. Khan and M. Shah.2020. Systematic analysis of leisler's bat *Nyctalus leisleri* (Kuhl, 1817) captured from FATA region, Pakistan. *Brazilian Journal of Biology*, vol. 82, e238337. <https://doi.org/10.1590/1519-6984.238337>
24. M. Shah, S. Kausar, J. A. Mian, H. Jabeen, N. Ullah, A. Rasool, F. Akbar, M. Israr, **S. A. Mehmood**, S. Ahmad, M. A. A. Khan, S. Muhammad, W. Khan and S. Bibi.2020. Bioaccumulation of heavy metals in the tissues of *Schizothorax plagiostomus* at River Swat. *Brazilian Journal of Biology*, vol. 82, e243633 | <https://doi.org/10.1590/1519-6984.243633>.
25. **Sardar Azhar Mehmood**, Manawar Saleem Ahmad, Ahmed Zia, Shabir Ahmed, Muzafar Shah, Wali Khan and Waheed Ali Panhwar.2020. Molecular and Phylogenetic Analysis of Family Aeshnidae of Hazara Region, Pakistan. *Intl. J. Agric. Biol.* 25:109–116.
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27. Zia, A., I. Hussain, **S.A. Mehmood**, S. Ahmad, M. Shah and A.R. Bhatti. 2019. Richness and distribution of Odonata in Kurramn. District, Khyber Pakhtunkhwa. *Pakistan Journal of Agricultural Research*, 32(4): 589-594.
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Conferences /Seminars/ Workshops

3	Participation in Training Course on Taxonomy (held at Department of Botany Hazara University, Mansehra. April 16-21, 2007).
4	Participation in Training Course on Utilization of DNA Technology in plant improvement (held at Department of Genetics Hazara University, Mansehra. May 22-26, 2007).
5	Member Organizing Committee one day “National Seminar Enhancement of Natural Beauty through Conservation of Animals and Birds” (held at Department of Zoology Hazara University, Mansehra. June 4, 2009).
6	“Estimation of DNA base Genetic Diversity (GD) in pheasants of Pakistan” Participation and presentation in International Conference “Advances in Agriculture: Prospectus and Potentials of Natural Resources in Food Security” (held at Faculty of Agriculture, Rawalakot University of Azad Jammu & Kashmir. August 11-13, 2009).
7	“DNA-based characterization of pheasants of Northern Pakistan” Participation and Presentation in 30 th Pakistan Congress of Zoology International (held at University of Agriculture Faisalabad. March 2-4, 2010).
8	Member Organizing Committee three day International Seminar “Basic Techniques in Research, Dissertation and paper writing in Life Sciences” (Conducted by Department of Zoology Hazara University, Mansehra. July 27-29, 2010).
9	Comparison of the Genetic Diversity among male and female individuals of Pheasants of Northern Pakistan “31 th Pakistan Congress of Zoology International” Abstract has approved for publication. (Held at University of Azad Jammu & Kashmir, Muzaffarabad April 19-21, 2011).

Distinctions/ Academic Awards

1.	Shield on active participation and member organizing committee in three day International Workshop on Basic Techniques in Research, dissertation, Scientific paper writing, in Life Sciences” (Conducted by Department of Zoology Hazara University, Mansehra. July 27- 29, 2010).
1.	Certificate of merit on account of being declared as best performance of the year 1997-98 for debate. Presented by Karachi Homeopathic Medical College, Karachi.
2.	Certificate of merit on account of being declared as best performance of the year 1997-98 for Quiz. Presented by Karachi Homeopathic Medical College, Karachi.

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