

Curriculum Vitae

Dr. Nadir Ali Birmani

HEC Approved Ph.D. Supervisor

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Personal Information

Full Name	Nadir Ali Birmani
Fathers Name	Muhammad Bakhsh
Present Position	Associate Professor
N.I.C	41201-4698993-9
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Qualifications

Degree	Institution	Year	Major Subjects
Ph.D.	University of Sindh, Jamshoro	2011	Zoology (Parasitology)
M.Sc. (Hons.) *	University of Sindh, Jamshoro	2004	Zoology (Parasitology)
B.Sc. (Hons.) *	University of Sindh, Jamshoro	2003	Zoology
HSC	B.I.S.E. Hyderabad	1999	Pre-Medical group
SSC	B.I.S.E. Hyderabad	1997	Science group
Diploma in IT	S.B.T.E. Karachi	2005	Computer

*Secured 1st class 3rd position

Experience

- Currently working as Associate Professor at Department of Zoology, University of Sindh, Jamshoro.
- Working with British Council as Active Citizens Facilitator to create cross-cultural communication and intercultural dialogue and its effective role in community action. Connect people with learning opportunities and creative ideas. Also link civil society, community leaders and network of young peoples and organizations in Pakistan.
- Approved Supervisor for the MS/M.Phil. and Ph.D. students by the Advanced Studies and Research Board of University of Sindh, Jamshoro and Shah Abdul Latif University, Khairpur.
- Working on Helminth parasites of migratory birds, fishes, amphibians and rodents.
- Two-month research work on Schizophrenia disease caused by the genetic disorder.
- Working with Sindh Science Academy (NGO) as a volunteer to disseminate health and environmental awareness at grassroots level (2000- to date).
- Has been referee of the Revista Brasileira de Parasitologia Veterinária, Acta Veterinaria Eurasia, Journal of Medical and Biological Science Research, British Journal of Applied Science & Technology, British Journal of Pharmaceutical research, Journal of Applied Pharmaceutical Science and Sindh University Research Journal (Science Series).

Research projects

S.No.	Name of Project	Funding agency	Amount	Status
1.	Assessment of parasitic diversity in rats and mice (Rodentia: Muridae) of human habitations in Sindh province, Pakistan. NRPU-9412	HEC Islamabad, Pakistan	3.8 Million PKR	2018-2021 Running
2.	Biodiversity of helminth parasites of freshwater fishes of River Indus in Sindh province, Pakistan. NRPU-3426	HEC Islamabad, Pakistan	2.94 Million PKR	2016-2018 Completed
3.	Systematic studies of helminth parasites of birds in Khairpur District, Sindh, Pakistan. PM-IPFP-3540	HEC Islamabad, Pakistan	0.5 Million PKR	2012-2013 Completed

Technical reports submitted

- 2nd annual progress report of NRPU Research Project No. 94126, entitled "Assessment of parasitic diversity in rats and mice (Rodentia: Muridae) of human habitations in Sindh province, Pakistan" (2020) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 124.
- Final progress report of NRPU Research Project No. 20-3426, entitled "Biodiversity of helminth parasites of freshwater fishes of River Indus in Sindh province, Pakistan" (2019) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 241.
- 1st annual progress report of NRPU Research Project No. 94126, entitled "Assessment of parasitic diversity in rats and mice (Rodentia: Muridae) of human habitations in Sindh province, Pakistan" (2019) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 33.
- 2nd annual progress report of NRPU Research Project No. 20-3426, entitled "Biodiversity of helminth parasites of freshwater fishes of River Indus in Sindh province, Pakistan" (2018) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 45.
- Revised-1st annual progress report of NRPU Research Project No. 20-3426, entitled "Biodiversity of helminth parasites of freshwater fishes of River Indus in Sindh province, Pakistan" (2018) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 30.
- 1st annual progress report NRPU Research Project No. 20-3426, entitled "Biodiversity of helminth parasites of freshwater fishes of River Indus in Sindh province, Pakistan" (2017) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 65.
- 1st term self-assessment report (2017) under Tenure Track System (TTS) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 212.
- Self-assessment report (2016) under Tenure Track System (TTS) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 107.
- Self-assessment report (2015) under Tenure Track System (TTS) submitted to the HEC Islamabad through University of Sindh Jamshoro. Pp. 46.
- Self-assessment report (2014) under Tenure Track System (TTS) submitted to the HEC Islamabad through Shah Abdul Latif University, Khairpur. Pp. 40.
- Mid-term Progress Report for Start-up Research Project No: PM-IPFP/HRD/HEC/2012/3540 (2013), submitted to the HEC Islamabad through Shah Abdul Latif University, Khairpur. Pp. 5.
- Final Report of Start-up Research Grant Project No: PM-IPFP/HRD/HEC/2012/3540 (2013), submitted to the HEC Islamabad through Shah Abdul Latif University, Khairpur. Pp. 46.

Research publications

- Naz, S., **Birmani, N.A.**, Fatima, I. & Jokhio, J.I. 2021. Helminthological studies in francolins (Galliformes: Phasianidae) of Sindh, Pakistan with two new species and epidemiological parameters. *Veterinary Parasitology: Regional Studies and Reports* 23: 1-16. <https://doi.org/10.1016/j.vprsr.2021.100540>
- Soofi, H., **Birmani, N.A.**, Dharejo, A.M., Abbasi, A.R. & Ghachal, G.S. 2021. *Thaparotrema akbari* new species of genus *Thaparotrema* Gupta, 1955 from host *Rita rita* (Siluriformes: Bagridae) of River Indus Sindh Pakistan. *Pure and Applied Biology* 10(1): 254-261. <http://dx.doi.org/10.19045/bspab.2021.100026>

3. Sethar, R., **Birmani, N.A.** & Abro, M.M. 2020. New record of *Spinitectus* (Nematoda: Cystidicolidea) From *Notopterus notopterus* (Osteoglossiformes: Notopteridae) in river Indus, Sindh, Pakistan. *Pakistan J. Parasitol.*, 70: 11-16.
4. Ramesh, **Birmani, N.A.** & Naz, S. 2020. Redescription of *Gongylonema neoplasticum* Fibiger & Ditlevsen, 1914 (Spirurida: Spiruroidea: Gongylonematidae) from House Rat *Rattus Rattus* (Rodentia: Muridae) from Hyderabad, Sindh, Pakistan. *Pakistan J. Parasitol.*, 70: 17-21.
5. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2020. *Paramonostomum dadui* n.sp. (Trematoda, Notocotylidae) in *Fulica atra* (Aves, Rallidae) of Manchhar Lake, Sindh, Pakistan. *Pakistan Journal of Parasitology*, 69:21–25.
6. Ahmed, F., **Birmani, N.A.** & Naz, S. 2020. *Dinurus gedrosiae* sp.n. (Trematoda: Hemiuridae) in Common Dolphinfish *Coryphyna hippurus* (Perciformes: Coryphaenidae) of Gwadar coast, Balochistan, Pakistan. *Biological Forum – An International Journal* 12(1): 46-50.
7. Abro, M.M., **Birmani, N.A.**, Brohi, G.H. & Rajper, M. 2020. Detection of a pathogenic nematode from tire track eel, *Mastacembelus armatus* captured in the Indus River, Sindh, Pakistan. *Pure and Applied Biology*, 9(1): 963-967. <http://dx.doi.org/10.19045/bspab.2020.90101>
8. Hattar, F., Naz, S. & **Birmani, N.A.** 2020. New species and new record of the genus *Uvitellina* Witenberg, 1923 (Cyclocoelidae: Haematotrematidae) infecting Black-Winged Stilt, *Himantopus himantopus* (L.) (Charadriiformes: Recurvirostridae) in Sindh, Pakistan. *Pure and Applied Biology*, 9(1): 320-331. <http://dx.doi.org/10.19045/bspab.2020.90037>
9. Buriro, S.A., **Birmani, N.A.** & Shaikh, A.M. 2020. New trematode *Psilochasmus platyrhynchos* (Trematode: Psilochasmidae) from Mallard *Anas platyrhynchos* (Anseriformes: Anatidae) in Sindh province of Pakistan. *Pure and Applied Biology*, 9(1): 1025-1030. <http://dx.doi.org/10.19045/bspab.2020.90107>
10. Soofi, H., **Birmani, N.A.**, Dharejo, A.M., Abbasi, A.R. & Ghachal, G.S. 2020. Description of new nematode species *Rhabdochona (Rhabdochona) sindhicus* of genus *Rhabdochona* (Railliet, 1916) from Indus River Pakistan. *Pakistan Journal of Nematology* 38(1): 81-91. <http://dx.doi.org/10.18681/pjn.v38.i01.p81-91>
11. Shaikh, F., Naz, S. & **Birmani, N.A.** 2020. Incidence of Chewing Lice (Phthiraptera: Insecta) from domestic Fowl *Gallus gallus* (Phasianidae: Galliformes: Aves) from Jamshoro and Hyderabad, Districts, Sindh, Pakistan. *University of Sindh Journal of Animal Sciences*, 4(3): 10–13.
12. **Birmani, N.A.**, Naz, S. & Mouahid, G. 2019. First Record of *Echinoparyphium recurvatum* (Trematoda, Echinostomatidae) in Pakistan with New Avian Definitive Host, *Vanellus leucurus*. *Arch Vet Sci Tecnol* 3: 149. DOI: 10.29011/2637-9988/100049
13. Abro, M.M., **Birmani, N.A.** & Bhutto, M.B. 2019. Incidence of Helminth Parasites in freshwater Fishes of the River Indus at Jamshoro, Sindh, Pakistan. *Biological Forum - An International Journal*, 11(2): 113-116. https://www.researchtrend.net/bfij/current_issue/bfij.php?taxonomy-id=60
14. Rajper, M., **Birmani, N.A.**, Naz, S. & Ayaz, M.M. 2019. The New Record of *Artyfechinostomum sufrartylfex* Lane, 1915 (Trematoda: Echinostomatidae) Recovered from House Mouse, *Mus musculus* of District Naushahro-Feroze, Sindh, Pakistan. *Journal of Infectious Diseases and Therapy*, 7:2. (IF 1.65). DOI: 10.4172/2332-0877.1000401
15. Mahar, M.A., Sheikh, A.M., **Birmani, N.A.**, Ujjan, S.A. & Samejo, B.A. 2019. Prevalence of *Plasmodium* species in human population of taluka Pano-aqil, Sindh, Pakistan. *Pure and Applied Biology*, 8(2): 1420-1424. <http://dx.doi.org/10.19045/bspab.2019.80082>
16. Shaikh, F., Naz, S. & **Birmani, N.A.** 2019. Cladistics analysis of species infesting (Ischnocera: Philopteridae) Fowls of District Hyderabad, Sindh, Pakistan. *International Journal of Zoology Studies*, 4(5): 11–18. (IF. RJIF 5.14).
17. Gul, H., **Birmani, N.A.**, Shaikh, A.M., Buriro, S.A. & Mangi, S. 2019. New species of genus *Subulura* Molin, 1960 (Nematoda: subuluridae) from poultry bird *Gallus domestics* of district Khairpur, Sindh, Pakistan. *International Journal of Fauna and Biological Studies*; 6(2): 07-11. <http://www.faunajournal.com/archives/2019/vol6issue2/PartA/6-1-10-522.pdf>
18. Shaikh, F., Naz, N. & **Birmani, N.A.** 2019. Prevalence of Chewing Lice (Phthiraptera: Insecta) from Common Quail *Coturnix coturnix* (Aves: Galliformes: Phasianidae) from Jamshoro and Hyderabad, Sindh Pakistan. *Punjab University Journal of Zoology*, 34(1): 17-20. <http://dx.doi.org/10.17582/journal.pujz/2019.34.1.17.20>
19. Thebo, A.K., Naz, S., Dharejo, A.M., Siyal, S. & **Birmani, N.A.** 2019. A new record and new species of a digenic trematode from common pochard *Aythya ferina* (Anseriformes: Anatidae) in Sindh, Pakistan.

- Journal of Entomology and Zoology Studies*, 7(1): 151-154. <http://www.entomoljournal.com/archives/2019/vol7issue1/PartC/6-5-281-624.pdf> (IF 0.37).
20. Brohi, G.H., **Birmani, N.A.**, Naz, S. & Abro, M.M. 2018. First record of *Clinostomum* sp (Trematoda: Digenea) in *Nycticorax nycticorax* (Pelecaniformes: Ardeidae) from Hamal lake, Sindh, Pakistan. *Journal of Biology and Nature*, 9(4): 136-141. <https://journals.indexcopernicus.com/search/article?articleId=2004093>
 21. Rajper, M., **Birmani, N.A.**, Naz, S. & Abro, M.M. 2018. Statistical analysis of helminthic infection in house mouse (*Mus musculus*) district Nausharo Feroz, Sindh, Pakistan. *Pure and Applied Biology* 7(1): 356-364. <http://dx.doi.org/10.19045/bspab.2018.70044>
 22. Memon, M., **Birmani, N.A.**, Shaikh, A.M. & Memon, K.H. 2018. New host record *Echinostoma paraulum* (Digenea: Echinostomatidae) in house crow (*Corvus splendens* vieillot, 1817) of district Khairpur, Sindh, Pakistan. *Journal of Entomology and Zoology Studies*, 6(5): 586-589. <http://www.entomoljournal.com/archives/2018/vol6issue5/PartJ/6-1-177-433.pdf> (IF 0.37).
 23. Bughio, S., Naz, S. & **Birmani, N.A.** 2018. New Species of Chewing Lice (Phthiraptera: Amblycera, Ischnocera) of Common Myna *Acridotheres tristis* (Passeriformes: Sturnidae) from Pakistan. *International Journal of Entomology and Nematology*, 4(2): 85-104. <https://premierpublishers.org/ijen/191020189526.pdf?view-type=inline>
 24. Soofi, H., **Birmani, N.A.**, Dharejo, A.M. & Abbasi, A.R. 2018. New host and locality record of *Comephoronema multipapillatum* from *Wallago attu* of Indus river Jamshoro, Sindh, Pakistan. *Sci. Int. (Lahore)*, 30(4):601-605.
 25. Soofi, H., **Birmani, N.A.** & Dharejo, A.M. 2018. Genus *Falccautra* Lane, 1915 recorded from new host Catfish *Wallago attu* (Siluriformes: Siluridae) of district Jamshoro, Sindh, Pakistan. *FUUAST Journal of Biology*, 8(1):9-14. <https://fuuast.edu.pk/biology%20journal/images/pdfs/2018/june/paper2.pdf>
 26. Mahar, M.A., Sheikh, A.M. & **Birmani, N.A.** 2018. Prevalence of malarial parasites *Plasmodium* in human population of taluka Sukkur, Sindh, Pakistan. *Journal of Entomology and Zoology Studies* 6(2): 112-115. www.entomoljournal.com/archives/2018/vol6issue2/PartB/6-1-46-815.pdf (IF 0.37).
 27. Bushra, A. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2017. A new species of genus *Ganeo* Klein, 1905 collected from Indus Valley Bullfrog *Hoplobatrachus tigerinus* (Anura: Dicroglossidae) of District Umerkot, Sindh, Pakistan. *Biological Forum – An International Journal* 9(2): 204-207 (IF 2.9).
 28. Brohi, G.H., **Birmani, N.A.**, Naz, S. and Abro, M.M. 2017. First record of *Echinochasmus prakashi* Gupta and Singh, 1988 (Digenea: Echinostomatidae) in *Nycticorax nycticorax* (Pelecaniformes: Ardeidae) From Hamal Lake, Sindh, Pakistan. *Biological Forum – An International Journal* 9(2): 148-154 (IF 2.9).
 29. Hafeeza, G.L., **Birmani, N.A.**, Shaikh, A.M. & Buriro, S.A. 2017. A new species of genus *Cotugnia* Diamare (Cestoda: Davaineidae, Fuhrmann 1907) from domestic fowl (*Gallus domesticus*) of district Khairpur, Sindh, Pakistan. *Journal of Entomology and Zoology Studies*, 5(5): 1827-1830. <http://www.entomoljournal.com/archives/2017/vol5issue5/PartX/5-4-337-396.pdf> (IF 0.37).
 30. Soofi, H., **Birmani, N.A.** & Dharejo, A.M. 2017. *Rhabdochona indusi* new species (Nematoda: Rhabdochoniidae) in *Rita rita* (Siluriformes: Bagridae) from Sindh, Pakistan. *Journal of Biodiversity and Environmental Sciences (JBES)*, 10(2): 220-230. <http://www.innspub.net/wp-content/uploads/2017/03/JBES-Vol10No2-p220-230.pdf> (IF 0.15).
 31. Abro, M.M., Dharejo, A.M., Khan, M.M., **Birmani, N.A.** & Ahmed, F. 2017. New record of genus *Tylodelphys* Diesing, 1850 (Digenea: Diplostomidae) in *Phalacrocorax niger* from Pakistan. *Journal of Basic and Applied Research International*, 21(2): 85-91 (IF 0.67).
 32. Soofi, H., **Birmani, N.A.** & Dharejo, A.M. 2017. The first record of genus *Pseudophyllodistomum* Cribb, 1987 from Siluriform catfish *Mystus cavasius* (Hamilton, 1822) of River Indus Sindh, Pakistan. *Journal of Entomology and Zoology Studies*; 5(1): 209-211. <http://www.entomoljournal.com/archives/2017/vol5issue1/PartD/4-5-114-685.pdf> (IF 0.37).
 33. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2017. New record of genus *Pallisentis* Van Cleave, 1928 (Acanthocephalan: Quadrigyridae) in Little Cormorant, *Phalacrocorax niger* (Aves: Phalacrocoracidae) from Sindh, Pakistan. *Pure and Applied Biology*, 6(1): 32-39. <http://dx.doi.org/10.19045/bspab.2016.50163> (HEC Recognized in X Category).
 34. Ayaz, M.M., Aziz, M., **Birmani, N.A.**, Akhtar, S., Khosa, M.A., Zheng, Y., Oncel, T. & Somro, M.H. 2016. Emergence of resistance against Flukicides in Sheep under field conditions. *Acta Bioethica*, 22 (2): 1093-1098 (IF 0.07).
 35. **Birmani, N.A.**, Memon, K.N., Bhatti, S.A. & Dharejo, A.M. 2016. Description of a new species *Pegosomum affabi* n.sp. (Trematoda: Echinostomatidae) in little egret *Egretta garzetta* (Ciconiiformes: Ardeidae) of

- Larkano, Sindh, Pakistan. *International Journal of Current Research*, 8 (05): 31082–31086. <http://www.journalcra.com/sites/default/files/14859.pdf> (IF 4.016).
36. Abro, M.M., Dharejo, A.M., Khan, M.M., **Birmani, N.A.** & Naz, S. 2016. Description of first record of *Petasiger exaeretis* Dietz, 1909 (Trematodes: Echinostomatidae) in avian host from Pakistan. *Punjab University Journal of Zoology*, 31(2): 181–185. <http://pu.edu.pk/home/journal/25/Current-Issue.html> (HEC Recognized in X Category).
 37. Naz, S., Shaikh, F. & **Birmani, N.A.** 2016. Incidence of Chewing Lice (Phthiraptera: Insecta) on Common Mallard, *Anas platyrhynchos* (Anatidae: Anseriformes: Aves) in Karachi region, Pakistan. *Middle-East J of Scientific Research*, 24(7): 2260–2265. DOI:10.5829/idosi.mejsr.2016.24.07.23735 (IF 0.38).
 38. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2016. Description of a new species *Clinostomum awadhi* n.sp. (Trematoda: Clinostomidae) in *Phalacrocorax niger* (Aves: Phalacrocoracidae) of Sanghar, Sindh, Pakistan. *Journal on New Biological Reports*, 5(3): 122–128 (IF 0.546).
 39. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2016. New record of genus *Pseudapatemon* (Trematoda: Strigeidae) in avian host from Pakistan. *Journal of Biodiversity and Environmental Sciences* (JBES), 9(3): 125–129. <http://www.innspub.net> (IF 0.15).
 40. Soofi, H., **Birmani, N.A.** & Dharejo, A.M. 2016. The first record of (Nematoda: Camallanidae) genus *Onchocamallanus* Petter, 1979 from Sindh province of Pakistan. *Journal of Entomology and Zoology Studies*, 4(5):851–853. <http://www.entomoljournal.com/archives/2016/vol4issue5/Part/4-5-67-454.pdf> (IF 0.37).
 41. Buriro, S.A., **Birmani, N.A.**, Shaikh, A.M. & Dharejo, A.M. 2016. Two digenetic trematodes with description of a new species from *Anas platyrhynchos* (Anseriformes: Anatidae) in Sindh, Pakistan. *Journal of Entomology and Zoology Studies*, 4(5): 734–737. <http://www.entomoljournal.com/archives/2016/vol4issue5/PartK/4-5-47-591.pdf> (IF 0.37).
 42. Soofi, H., **Birmani, N.A.** Dharejo, A.M. & Bhutto, A. 2016. Description of new species *Witenbergia mystusi* of genus *Witenbergia* Vaz, 1932 from River Indus catfish *Mystus cavasius* (Hamilton, 1822) Sindh, Pakistan. *International Journal of Innovative and Applied Research*, 4(9): 21–25. http://journalijar.com/uploads/2016-10-04_175249_889.pdf (IF 2.845).
 43. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2016. New host and locality record of *Paryphostomum radiatum* (Dujardin, 1845) (Trematodes: Echinostomatidae) from Pakistan. *Journal of Biology and Nature*, 6(2): 104–108.
 44. Soofi, H., **Birmani, N.A.** & Bhutto, A. 2016. New species of genus *Sphincterostoma* Yamaguti, 1937 reported from Bagridae (Bleeker, 1858) catfish *Rita rita* (Siluriformes: Bagridae) of River Indus at District Jamshoro, Sindh, Pakistan. *International Journal of Advanced Research*, 4(9): 1358–1362. DOI:10.21474/IJAR01/1626 (IF 0.22).
 45. **Birmani, N.A.**, Buriro, S.A., Shaikh, A.M. & Dharejo, A.M. 2016. A new Notocotyloid trematode *Paramonostomum bagodaro* n.sp. (Trematode: Notocotylidae) in Mallard *Anas platyrhynchos* (Anseriformes: Anatidae) in Sindh, Pakistan. *International Journal of Advanced Research in Biological Sciences*, 3(5): 130–135. SOL: <http://s-o-i.org/1.15/ijarbs-2016-3-5-19> (IF 5.142).
 46. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2016. *Euclinostomum heterostomum* (Rud., 1809) Travassos, 1928 (Trematodes: Clinostomidae: Euclinostominae): A New Record in Avian Host Little Cormorant (Aves: Phalacrocoracidae) of Pakistan. *Journal of Advances in Biology & Biotechnology*, 8(1): 1–5. DOI:10.9734/JABB/2016/27782
 47. Soofi, H., **Birmani, N.A.** & Dharejo, A.M. 2016. *Thaparotrema shamimi* new species in catfish *Rita rita* (Hamilton, 1822) from Jamshoro district Sindh, Pakistan. *International Journal of Advanced Research in Biological Sciences*, 3(9): 124–129. DOI: <http://dx.doi.org/10.22192/ijarbs.2016.03.09.018> (IF 5.142).
 48. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2016. A New record of Genus *Macrobilharzia* Travassos, 1922 (Trematoda: Schistosomatoidea) in *Phalacrocorax niger* from Sindh, Pakistan. *Journal of Entomology and Zoology Studies*, 4(4): 654–656. <http://www.entomoljournal.com/archives/2016/vol4issue4/PartI/4-3-194-773.pdf> (IF 0.37).
 49. Abro, M.M., Dharejo, A.M., Khan, M.M. & **Birmani, N.A.** 2016. First record of *Clinostomum complanatum* (Trematodes: Clinostomatidae) in Pakistan from *Phalacrocorax niger* (Aves: Phalacrocoracidae). *Biological Forum – An International Journal*, 8(1): 479–483. <http://researchtrend.net/pdf/68%20NADIR%20ALI%20BIRMANI.pdf> (IF 2.9).
 50. Soofi, H., **Birmani, N.A.** & Dharejo, A.M. 2016. *Dendrorchis ritata* n.sp. (Trematoda: Gorgoderidae) from catfish *Rita rita* (Siluriformes: Bagridae) of Jamshoro district, Sindh, Pakistan. *International Journal of Fauna and Biological Studies*, 3(3): 17–19. <http://www.faunajournal.com/archives/2016/vol3issue3/PartA/3-2-11.pdf> (IF 4.68).

51. Abro, M.M., Dharejo, A.M., Khan, M.M., **Birmani, N.A.** & Naz, S. 2016. A new species of genus *Paryphostomum* Dietz, 1909 (Trematoda: Echinostomatidae) in *Phalacrocorax niger* of Pakistan. *Journal of Entomology and Zoology Studies*, 4(3): 246–249. <http://www.entomoljournal.com/archives/2016/vol4issue3/PartD/4-3-75.pdf> (IF 0.37).
52. **Birmani, N.A.**, Dharejo, A.M., Khan, M.M., Shaikh, A.M. & Shah, M. A. 2015. *Microphallus magnagulletum* n. sp. (Digenea: Microphallidae) from Black Coot, *Fulica atra* (Gruiformes: Rallidae) in Sindh province of Pakistan. *Sindh University Research Journal (Science Series)*, 47 (3): 451–454. <http://sujo.usindh.edu.pk/index.php/SURJ/article/view/1204/1111> (HEC Recognized in X Category).
53. Soofi, H., **Birmani, N.A.**, Dharejo, A.M. & Abbasi, A.R. 2015. First record of genus *Thaparotrema* Gupta, 1955 (Trematoda: Ophisthorchiidae) in Pakistan. *Journal of Entomology and Zoology Studies*, 3(6): 232–234. <http://www.entomoljournal.com/archives/2015/vol3issue6/PartD/3-5-86.pdf> (IF 0.37).
54. Shaikh, A. M., Memon, N., Shah, M. A., **Birmani, N. A.** & Iqbal, Y. 2015. *Apodiphus balochiensis* -- Addition of a Species in Genus *Apodiphus* Spinola (Hemiptera: Pentatomidae: Pentatominae: Halyini) From Quetta (Baluchistan, Pakistan). *Sindh University Research Journal (Science Series)*, 47(2): 331–334. <http://sujo.usindh.edu.pk/index.php/SURJ/article/view/841/794> (HEC Recognized in X Category).
55. Ujan, H.M., **Birmani, N.A.** & Shaikh, A.M. 2014. *Echinochasmus mazharuddini* n.sp. (Digenea: Echinostomatidae) from the Bank Myna *Acridotheres ginginianus* L. (Passeriformes: Sturnidae) in Sindh province, Pakistan. *Journal of Entomology and Zoology Studies*, 2(6):226–232. <http://www.entomoljournal.com/archives/2014/vol2issue6/PartD/62.pdf> (IF 0.37).
56. **Birmani, N.A.**, Dharejo, A.M., Khan, M.M. & Shaikh, A.M. 2013. *Dendritobilharzia pulverulenta* (Trematoda: Schistosomatidae) in Pakistan. *Journal of Animal & Plant Sciences*, 23 (4): 1215–1218. <http://www.thejaps.org.pk/docs/v-23-4/41.pdf> (IF 0.549).
57. **Birmani, N.A.**, Dharejo, A.M., Naz, S., Khan, M.M. & Shaikh, A.M. 2013. *Paramonostomum bubaki* n. sp. (Digenea: Notocotylidae) from the Black Coot, *Fulica atra* (Gruiformes: Rallidae), in South Central Pakistan. *ISRN Zoology*. Volume 2013, Article ID 656050, 5 pages. <http://dx.doi.org/10.1155/2013/656050>
58. **Birmani, N.A.**, Dharejo, A.M., Khan, M.M. & Shaikh, A.M. 2012. First record of genus *Strongyloides* Grassi, 1879 (Nematoda: Strongyloidae) in Pakistan. *Sindh University Research J (Science Series)*, 44(2):143–144. <http://sujo.usindh.edu.pk/index.php/SURJ/article/view/1409/1303> (HEC Recognized in X Category).
59. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2011. First record of the genus *Cyclocoelum* Brandes, 1992 (Digenea: Cyclocoelidae) in Pakistan. *Proceedings of Parasitology*, 52: 65–68.
60. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2011. *Catatropis* sp. (Trematoda: Notocotylidae) from the black coot, *Fulica atra* Linnaeus (Gruiformes: Rallidae) in Sindh province of Pakistan. *Journal of Animal & Plant Sciences*, 21 (4): 872–873. <http://www.thejaps.org.pk/docs/21-4/26.pdf> (IF 0.549).
61. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2011. First record of genus *Amidostomum* Railliet and Henry, 1909 (Nematoda: Amidostomidae) in Pakistan. *Sindh University Research J (Science Series)*, 43(2):179–180. <http://sujo.usindh.edu.pk/index.php/SURJ/article/view/1365/1263> (HEC Recognized in X Category).
62. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2011. First record of the genus *Tetrameres* Creplin, 1846 (Nematoda: Tetrameridae) in Pakistan. *Pakistan Journal of Nematology*, 29 (2): 213–218. <http://www.pjn.com.pk/files/vol%2029%20no.%202/pdf/9.pdf> (HEC Recognized in Y Category).
63. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2011. A new species of *Polymorphus* Lühe, 1911 (Acanthocephala: Polymorphidae) in Black Coot, *Fulica atra* (Aves: Rallidae), Pakistan. *Zootaxa*, 2929: 64–68. DOI: <http://dx.doi.org/10.11646/zootaxa.2929.1.1> (IF 0.994).
64. Dharejo, A.M., **Birmani, N.A.** & Khan, M.M. 2010. *Echinochasmus passerii*, new species (Digenea: Echinostomatidae) from Gallbladder of House Sparrow, *Passer domesticus* (Aves: Passeridae) of Hyderabad, Sindh, Pakistan. *Proceedings of Parasitology*, 50: 139–145.
65. Dharejo, A.M., **Birmani, N.A.** & Khan, M.M. 2010. First record of the genus *Nigerina* Baugh, 1958 (Trematoda: Opisthorchiidae) from Pakistan in avian host little cormorant, *Phalacrocorax niger*. *Proceedings of Parasitology*, 50:147–151.
66. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2009. *Cotylurus sindhense*, n.sp. (Digenea: Strigeidae) from Black Coot *Fulica atra* (Rallidae) of Manchhar Lake, Sindh, Pakistan. *Proceedings of Parasitology*, 48: 133–138.
67. **Birmani, N.A.**, Dharejo, A.M. & Khan, M.M. 2008. *Echinostoma atrae*, New Species (Digenea: Echinostomatidae) in Black Coot *Fulica atra* (Aves: Rallidae) of Manchhar Lake, Sindh, Pakistan. *Pakistan Journal of Zoology*, 40(5):379–383. <http://zsp.com.pk/pdf2/379383%20%289%29.pdf> (IF 0.404).

68. Khan, A., Dharejo, A. M., **Birmani, N.A.**, Bilqees, F. M. & Khan, M. M. 2008. Description of a new acanthocephalan *Polymorphus fatimae* n.sp. (Acanthocephala: Polymorphidae) from Crow (*Corvus splendens* Vieillot). *International J of Biology & Biotechnology*, 5(1-2):33-36. **(HEC Recognized in Y Category).**

Honors and award

1. Certificate of appreciation as **Young Meritorious Researcher** for outstanding contribution in research presented by the worthy Vice Chancellor, University of Sindh, Jamshoro on 9th March, 2019.
2. Participated as **judge in Science Fair 2019** organized by Government College, Hyderabad.
3. Awarded research project under National Research Program for Universities (NRPU) funded by Higher Education Commission (HEC), Islamabad (**NRPU-9412**) in 2018.
4. Awarded research project under National Research Program for Universities (NRPU) funded by Higher Education Commission (HEC), Islamabad (**NRPU-3426**) in 2015.
5. Awarded research project under Interim Placement of Fresh PhD Program (IPFP) funded by Higher Education Commission (HEC), Islamabad (**PM-IPFP/HRD/HEC/2012/3540**) in 2012.
6. Member editorial board of Pakistan Journal of Parasitology. <http://piparasitol.com/editorialboard.php>
7. Associate editor Asian Journal of Animal and Veterinary Advances. <https://scialert.net/eboard.php?issn=1683-9919>
8. Associate editor Asian Journal of Epidemiology. <https://scialert.net/eboard.php?issn=1992-1462>
9. Associate editor Asian Journal of Biological Sciences. <https://scialert.net/eboard.php?issn=1996-3351>

Training courses/Internships/Conferences/Seminars/Workshops

1. Participated and made **oral presentation** in 39th Pakistan Congress of Zoology (International) held at Islamia College University, Peshawar (4th March-6th March, 2019).
2. Abstract published in International Conference on Veterinary & Animal Sciences" held at Kuala Lumpur, Malaysia (July 15-16, 2019).
3. Participated and made **oral presentation** in 4th International conference on Agriculture, Food and Animal Sciences (ICAFAS-2019) held at Sindh Agriculture University, Tando Jam (21st January-22nd January, 2019).
4. **Participated** in Third National Conference on Emerging Trends in Bioinformatics and Biosciences (NCETBB-19) held at Hazara University, Mansehra from October 03-05, 2019.
5. Participated and made **oral presentation** in 38th Pakistan Congress of Zoology (International) held at University of the Punjab (27th February-1st March, 2018).
6. Participated and made **oral presentation** in 1st National Science Conference *Science for the Betterment of Humanity* held at the Govt. Sadiq College Women University, Bahawalpur (4th May-6th May, 2017).
7. Participated and made **oral presentation** in 37th Pakistan Congress of Zoology (International) held at Govt. College University, Faisalabad (28 Feb-March 2, 2017).
8. **One-week internship** program on sampling, processing, mounting and identification of nematodes held at National Nematological Research Center (NNRC), University of Karachi (18-22 July, 2016).
9. Participated as **Co-Chairman** during academic session in 36th Pakistan Congress of Zoology (International) held at Department of Zoology, University of Sindh, Jamshoro, Pakistan (16-18 Feb. 2016)
10. Participated as **Organizer** of 36th Pakistan Congress of Zoology (International) held at Department of Zoology, University of Sindh, Jamshoro, Pakistan (16-18 February, 2016).
11. One-week training on "**Active Citizens Training of Facilitators**" organized by British Council in collaboration with HEC, Islamabad held at University of Sindh, Jamshoro (14-18th October, 2015).
12. Participated and made **oral presentation** in 35th Pakistan Congress of Zoology (International) held at Center of Excellence in Marine Biology, University of Karachi, Karachi (1-4 March, 2015).
13. Participated and made **oral presentation** in 34th Pakistan Congress of Zoology (International) held at Bahauddin Zakariya University, Multan (25-27 Feb., 2014).
14. Participated as **Resource person** in "05-Day HEC Workshop on Research Methodology" organized by Shah Abdul Latif University, Khairpur in collaboration with HEC, Islamabad (16-20 December, 2013).
15. "**Three Week Course on Indus River Natural Resource Management**" in Collaboration of Glasgow, Scotland, UK and HEC, Islamabad held at Shah Abdul Latif University, Khairpur (18.11.2013-07.12.2013).

16. Participated and made **oral presentation** in 33rd Pakistan Congress of Zoology (International) held at Pakistan Museum of Natural History Islamabad & PMAS Arid Agriculture University, Rawalpindi (2-4 February, 2013).
17. Participated and made **oral presentation** in 32nd Pakistan Congress of Zoology (International) held at GC University, Lahore (6-8 March, 2012).
18. Participated and made **oral presentation** in 30th Pakistan Congress of Zoology (International) held at University of Agriculture, Faisalabad, Pakistan (2-4 March, 2010).
19. Participated as **Organizer** in 29th Pakistan Congress of Zoology (International) held at Department of Zoology, University of Sindh, Jamshoro, Pakistan (24-26 February, 2009).
20. Participated and made **oral presentation** in 29th Pakistan Congress of Zoology (International) held at Department of Zoology, University of Sindh, Jamshoro, Pakistan (24-26 February, 2009).
21. **Participated** in 4th International Symposium on Biotechnology and 1st Pakistan-China-Iran International Conference on Biotechnology-Bioengineering-Biophysical Chemistry held at University of Sindh, Jamshoro (4-8 November, 2007).
22. Participated and made **oral presentation** in 3rd National Conference on Agriculture and Animal Sciences held at Sindh Agriculture University, Tando Jam (21-23 Nov.2006).
23. Participated and made **oral presentation** in 25th Pakistan Congress of Zoology (International) held at Sindh Agriculture University, Tando Jam (1-3 March, 2005).

Memberships to learned Bodies/representations

Life Member, Pakistan Society of Nematologists, Karachi, Pakistan.

Ph.D. Students supervised

S.No.	Topic	Name of student	Year
1.	Helminth fauna of Siluriform Catfishes of River Indus at Jamshoro district, Sindh, Pakistan	Hira Soofi	2020

MS/M.Phil. Students supervised

S.No.	Topic	Name of student	Year
1.	Systematic studies of Helminth parasites of Clown Knife Fish, <i>Chitala chitala</i> (Hamilton, 1822) of River Indus at Sukkur, Sindh, Pakistan.	Sidiqa-ul-kubra	2021
2.	Occurrence of Helminth parasites in freshwater Garfish <i>Xenentodon cancila</i> (Hamilton, 1822) of River Indus at Kotri, Sindh, Pakistan.	Shazia Soomro	2021
3.	Abundance of helminth parasite in White-tailed Lapwing, <i>Vanellus leucurus</i> (Charadriiformes: Charadriidae) of Hyderabad, Sindh, Pakistan	Saba Anwer	2020
4.	Studies on Metazoan parasites of found in Partridges of genus <i>Francolinus</i> Stephens, 1819 (Galliformes: Phasianidae: Perdicinae) from Sindh, Pakistan.	Ishrat Fatima	2020
5.	Occurrence of Helminth Parasites in <i>Notopterus notopterus</i> (Osteoglossiformes: Notopteridae) of River Indus at Hyderabad, Sindh, Pakistan.	Reena Sethar	2020
6.	Studies on helminth parasites of Black-winged Stilt, <i>Himantopus himantopus</i> (Charadriiformes: Recurvirostridae) from Sindh, Pakistan.	Farooque Ali Hattar	2020
7.	Studies on Chewing Lice (Phthiraptera: Amblycera and Ischnocera) found on birds of family Recurvirostridae (Aves: Charadriiformes) in Sindh, Pakistan.	Muhammad Tariq Abbasi	2020
8.	Systematic studies on helminth parasites of Indus Valley Bullfrog, <i>Hoplobatrachus tigerinus</i> (Daudin, 1803) in district Umerkot, Sindh, Pakistan.	Atiya Bushra	2019

9.	Systematic studies on helminth parasites of Great Snakehead <i>Channa marulius</i> (Perciformes: Channidae) of district Dadu, Sindh, Pakistan.	Zohra Magsi	2019
10.	Taxonomy of Chewing Lice (Phthiraptera: Amblycera and Ischnocera) parasitizing Mynas (Passeriformes: Sturnidae) from Sindh, Pakistan.	Sindhoo Bughio	2019
11.	Systematic studies of Phthirapteran and Helminthic parasites of genus <i>Streptopelia</i> (Aves: Columbiformes: Columbidae) from lower Sindh region, Pakistan.	Sanam Hingoro	2019
12.	Helminth community of Black-Crowned Night Heron <i>Nycticorax nycticorax</i> (Pelecaniformes: Ardeidae) of Hamal Lake, Sindh, Pakistan	Gada Hussain Brohi	2018
13.	Prevalence of helminth parasites of Snakehead Murrel <i>Channa striata</i> (Perciformes: Channidae) of District Sanghar, Sindh, Pakistan.	Jemi	2018
14.	Incidence of Chewing Lice (Phthiraptera: Amblycera and Ischnocera) on Coots (Aves: Gruiformes: Rallidae) from Manchar Lake Sindh, Pakistan.	Shakeela Begum Kamboh	2018
15.	Helminthic infection in House mouse, <i>Mus musculus</i> (Rodentia: Muridae) of District Noshehro Feroz, Sindh, Pakistan.	Maree Rajper	2018
16.	Prevalence of <i>Plasmodium</i> species in human in Sukkur District, Sindh, Pakistan.	Mehtab Ali Mahar	2018
17.	Community structure of helminth parasites of fresh water fish <i>Amia calva</i> L. (Amiiformes: Amiidae) of district Sukkur, Sindh, Pakistan.	Faiza Shah Bukhari	2017
18.	Systematic studies of helminth parasites of House Crow (<i>Corvus splendens</i> Vieillot, 1817) of district Khairpur, Sindh, Pakistan.	Moomal Memon	2017
19.	Systematic study of helminth parasites of Little Cormorant <i>Phalacrocorax niger</i> (Aves: Phalacrocoracidae) of Sanghar District, Sindh, Pakistan.	Muhammad Moosa Abro	2016
20.	Helminth parasites of Bank Myna <i>Acridotheris ginginianus</i> L. (Passeriformes: Sturnidae) of Khairpur district, Sindh, Pakistan.	Hira Mazhar Ujjan	2016
21.	Helminth parasites of domestic Chick (<i>Gallus domesticus</i>) in district Khairpur, Sindh, Pakistan.	Hafeeza Gul	2016
22.	Trematode parasites of Mallard <i>Anas platyrhynchos</i> L. (Anseriformes: Anatidae) of Kambar-Shahdadkot District, Sindh, Pakistan.	Saeeda Anjum Buriro	2015

MS/M.Phil. & Ph.D. Students enrolled

S.No.	Name of student	Name of Degree
1.	Muhammad Moosa abro	Ph.D.
2.	Fida Ahmed	Ph.D.
3.	Saeeda Anjum Buriro	Ph.D.
4.	Raheela Noor	Ph.D.
5.	Hadia Laghari	M.Phil.
6.	Ramesh	M.Phil.

BS-IV Thesis supervised

S.No.	Title	Year
1.	Helminth parasites in House Rat <i>Rattus rattus</i> (Rodentia: Muridae) of Jamshoro, Sindh, Pakistan	2019
2.	Prevalence of helminth parasites in House Mouse " <i>Mus musculus</i> " of district Mirpur Khas, Tando Jam and Jamshoro, Sindh, Pakistan	2019
3.	Nematode parasites of Common Myna <i>Acridothera tristis</i> (Passeriformes: Sturnidae) of Jamshoro, Sindh, Pakistan	2017

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| 4. | Prevalence of Helminth Parasites of Jungle Babbler <i>Turdoides striata</i> (Passeriformes: Leiothrichidae) in Jamshoro, Sindh, Pakistan | 2017 |
| 5. | Prevalence of <i>Plasmodium</i> species in Hyderabad, Sindh | 2016 |
| 6. | Trematodes of genus <i>Echinostoma</i> Rudolphi, 1809 in Mallard <i>Anas platyrhynchos</i> Linnaeus, 1758. | 2015 |

Teaching subjects

Subject	Class
Hematology	Ph.D.
Medical Entomology	Ph.D.
Epidemiology and vector-borne diseases	Ph.D.
Protozoology	M.S./M.Phil., BS-IV and M.Sc. Final
Helminthology	BS-IV and M.Sc. Final
Biotechnology	
Vector Biology	
Physiology, Biochemistry and Immunology of parasites	
Animal Behavior	BS-III and M.Sc. Previous
Psychology	
Biological Techniques	
Biochemistry	
Zoogeography and Paleontology	
Evolution & Principles of systematics	
Animal form and functions-II	BS-II
Principles of Animal Life-I	BS-I
Principles of Animal Life-II	
Animal Diversity	

Extra curriculum activities

1. Factotum of examinations of the Department of Zoology, University of Sindh, Jamshoro
2. Focal person for sports activities of the Department of Zoology, University of Sindh, Jamshoro
3. Incharge Prime Ministers Fee re-imbursement for the Department of Zoology, University of Sindh, Jamshoro
4. Coordinator for organizing seminars, workshops and different student activities in the department of Zoology