

Dr. SHAHISTA KHAN

Ph.D. & M.Phil. in Zoology

Assistant Professor
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Teaching Experience

- Presently serving as Assistant Professor in the Department of Zoology, Gandhi Faiz-E-Aam College since Nov 2023.
- Served as Assistant Professor (Self Finance) in the Department of Zoology, Gandhi Faiz-E-Aam College from March 2022 to Oct 2023.
- Served as Assistant Professor (Self Finance) in the Department of Zoology, Gandhi Faiz-E-Aam College during the academic session 2019 -2020.

Papers Published (Total Citations=432; h-index=11; i₁₀=12) source: Google scholar

1. Salman Khan, M. Afzal Khan and **Shahista Khan** 2022. Age and growth in different stocks of striped snakehead *Channa striata* (Bloch, 1793) inhabiting the three rivers of Gangetic river system. *India Journal of Fisheries*. 69(1): 27-36.
2. M. Afzal Khan, Salman Khan and **Shahista Khan** 2017. Precision of age estimates in striped snakehead *Channa striata* (Bloch, 1793) from the Ganga river and its tributaries (river Gomti and Yamuna). *Journal of Applied Ichthyology*. 33: 230-235.
3. Kaish Miyan, M. Afzal Khan, Devendra Kumar Patel, **Shahista Khan** and Nasreen Ghazi Ansari 2016. Truss morphometry and otolith microchemistry reveal stock discrimination in *Clarias batrachus* (Linnaeus, 1758) inhabiting the Gangetic river system. *Fisheries Research*. 173: 294-302.
4. Kaish Miyan, M. Afzal Khan, Devendra Kumar Patel, **Shahista Khan** and Satgur Prasad 2015. Otolith fingerprints reveal stock discrimination of *Sperata seenghala* (Sykes, 1839) inhabiting the Gangetic river system. *Ichthyological Research*. 63: 294-301.

5. **Shahista Khan**, M. Afzal Khan, Kaish Miyan 2015. Precision of age estimates from different ageing structures of *Labeo bata* (Hamilton) collected from river Ganga, India. **Indian Journal of Fisheries**. 62(2): 110-114.
6. **Shahista Khan**, M. Afzal Khan, Kaish Miyan and Faisal Ahmad Lone 2015. Precision of age estimates from different ageing structures in selected freshwater teleosts. **Journal of Environmental Biology**. 36: 507–512.
7. Kaish Miyan, M. Afzal Khan and **Shahista Khan** 2014. Stock structure delineation using variation in otolith chemistry of snakehead, *Channa punctata* (Bloch, 1793), from three Indian rivers. **Journal of Applied Ichthyology**. 30: 881–886.
8. **Shahista Khan**, M. Afzal Khan, Kaish Miyan 2013. Precision of age determination from otoliths, opercular bones, scales and vertebrae in the threatened freshwater snakehead, *Channa punctata* (Bloch, 1793). **Journal of Applied Ichthyology**. 29: 757–761.
9. M. Afzal Khan, Kaish Miyan and **Shahista Khan** 2013. Morphometric variation of snakehead fish, *Channa punctatus*, population from three Indian rivers. **Journal of Applied Ichthyology**. 29: 637–642.
10. **Shahista Khan**, M. Afzal Khan and Kaish Miyan 2013. Evaluation of ageing precision from different structures of three threatened freshwater fish species, *Clarias batrachus*, *Heteropneustes fossilis* and *Wallago attu*. **Folia Zoologica** 62(2): 103–109.
11. M. Afzal Khan, Kaish Miyan, **Shahista Khan**, Devendra Kumar Patel and Nasreen Ghazi Ansari 2012. Studies on elemental profile of otoliths and truss network analysis for stock discrimination of the threatened stinging catfish, *Heteropneustes fossilis* (Bloch 1794), from the river Ganga and its tributaries. **Zoological studies** 51(7): 1195-1206.
12. M. Afzal Khan, **Shahista Khan** and Kaish Miyan 2012. Studies on length–weight and length-length relationships of four freshwater fishes collected from river Ganga. **Journal of Fisheries and aquatic Sciences**. 7 (6): 481-484.
13. M. Afzal Khan, **Shahista Khan** and Kaish Miyan 2012. Studies on length–weight relationship of giant snakehead, *Channa marulius* and stinging catfish, *Heteropneustes fossilis* from river Ganga, India. **Journal of Applied Ichthyology** 28(1):154-155.
14. M. Afzal Khan, **Shahista Khan** and Kaish Miyan 2011. Precision of aging structures for Indian major carp, *Cirrhinus mrigala*, from the River Ganga. **Journal of Freshwater Ecology** 26(2): 231-239.

15. **Shahista Khan**, M. Afzal Khan and Kaish Miyan 2011. Comparison of age estimates from otoliths, vertebrae, and pectoral spines in African sharptooth catfish, *Clarias gariiepinus* (Burchell). **Estonian Journal of Ecology** 60(3): 183-193.
16. **Shahista Khan**, M. Afzal Khan, Kaish Miyan and Mohd. Mubark 2011. Length-weight Relationships for Nine Freshwater Teleosts Collected from River Ganga, India. **International Journal of Zoological Research** 7(6): 401-405.
17. M. Afzal Khan, **Shahista Khan** and Kaish Miyan 2011. Aquaculture as a food production system: A review. **Biology and Medicine**, Special Issue 3(2): 291-302.
18. M. Afzal Khan and **Shahista Khan** 2009. Comparison of age estimates from scale, opercular bone, otolith, vertebrae and dorsal fin ray in *Labeo rohita* (Hamilton), *Catla catla* (Hamilton) and *Channa marulius* (Hamilton). **Fisheries Research** 100 (3): 255-259.

Book Chapters Published

19. Mohammad Shoeb, **Shahista Khan** and Arib Anjum Rehman (2023). Aquaculture Practices and sustainable fishing in India: A Review. Neel Kamal Prakashan, 1/11052-A, Subash Park, Shahdara, Delhi, pp: 100-107 (ISBN: 978-93-93248-55-8)
20. Mohammad Shoeb and **Shahista Khan** (2022). The Effects of Heavy Metal Pollution in the Aquatic Environment: A Review. In: Research Trends in Fisheries and Aquatic Sciences (Eds. Dr. J. K. Sundaray and Dr. R. A. Bhat), AkiNik Publications, Rohini, Delhi-110085, India, Volume 15, pp: 23-33.
21. **Shahista Khan**, Jamil Ahmad, Arib Anjum Rehman and Mohammad Shoeb (2020). Fish and fisheries of river Ganga, India. Proc: Recent Developments in Nanoscience and Green Chemistry. Neel Kamal Prakashan, Shahdara, Delhi, pp: 330-334 (ISBN: 81-88962-83-X)

Seminar/Conferences Attended

1. Participated in National Conference on ‘Environmental and biodiversity: challenges and strategies in 21st century’ from 2nd -3rd March 2020 at Department of Zoology, Agra College, Agra, India.

2. Participated in National Conference on 'Recent developments in nanoscience and green chemistry' from 1st – 2nd February 2020 at Department of Chemistry, Gandhi Faiz-e-Aam College, Shahjahanpur, India.
3. Participated in International Conference on 'Faunal biodiversity and their conservational strategies' from 22nd - 23rd March 2014 at Department of Zoology, Lucknow University, Lucknow, India.
4. Participated in International Symposium & Workshop on 'The control of helminth parasites with emphasis on liver fluke & liver fluke: and RNAi' workshop from 11th - 12th February, 2013 at Department of Zoology, Aligarh Muslim University, Aligarh, India.
5. Participated and presented a paper in National Conference on 'Population, resource and environment' from 1st – 2nd March, 2011 at Department of Geography, Aligarh Muslim University, Aligarh, India.
6. Participated in National Conference on 'First annual national symposium of the muslim association for the advancement of science (MAASCON-1)' from 23rd – 24th October, 2010 at Department of Zoology, Aligarh Muslim University, Aligarh, India.
7. Participated in National Conference on 'Water conservation and rain water harvesting techniques to augment the ground water and its impact on environment' held on 5th June 2010 at Department of Geology, Aligarh Muslim University, Aligarh, India.
8. Participated in National Conference on 'Advances in biological science' from 29th – 30th March, 2010 at Department of Zoology, Punjab University, Chandigarh, India.
9. Participated in 'International SFRR satellite symposium on free radicals in health and disease' from 17th –18th March, 2009 at Department of Biochemistry, Aligarh Muslim University, Aligarh, India.
10. Participated in First Annual National Seminar of Indian Society of Toxicology on 'Human toxicology and environmental health: new frontiers and future challenges' held on 22nd February, 2009 at Department of Zoology, Aligarh Muslim University, Aligarh, India.
11. Participated and presented a poster in '8th Indian fisheries forum' organized by Asian Fisheries Society, Indian Branch and Inland Fisheries Society of India at Kolkata from 22nd –

26th November, 2008.

Training/Workshop Attended

- Participated in workshop on **Data Analysis with R and SPSS** organized by UGC Academic Staff College, Aligarh Muslim University, Aligarh from 12th – 17th July **2010**.

Research Experience/Scholarship:

- Seven years research experience in the field of Fish Biology, at Fish Biology Research Laboratory, Department of Zoology, Aligarh Muslim University, Aligarh, India.
- Served as Junior Research Fellow and Senior Research of Maulana Azad National Fellowship provided by the University Grant Commission (UGC), New Delhi, India.

I do hereby declare that all the statements are true and complete to the best of my knowledge.

Shahista Khan