

Kumaun University, Nainital
Curriculum Vitae

Name : **Dr. Uzma Siddiqui**

Designation : Assistant Professor (Guest Faculty)

Department : Zoology

Contact Information

• Email Address : uzma.labiba@gmail.com

• Mobile No : 9012318097

LinkedIn Profile (Optional) :

ORCID ID :

Scopus ID :

Vidwan ID :

Educational Qualification

Degree	University	Subjects	Year
UG	Kumaun University, Nainital	Zoology, Botany, Chemistry	2005
PG	Kumaun University, Nainital	Zoology	2007
Ph.D	Kumaun University, Nainital	Zoology	2019

Work Experience

Position	Department	University/Organization	Year
Assistant Professor (Guest Faculty)	Zoology	Kumaun University	2020-Till now

Administrative Responsibilities

Position	Nature of responsibility	University/Organization	Year

Research Interests

(List your research interests and areas of expertise in 1-3 lines)

My research interests in fish and fisheries focus on sustainable management strategies, ecosystem dynamics, and the effects of climate change on aquatic habitats. I am particularly interested in the integration of traditional knowledge with current scientific approaches to address conservation issues and improve resilience in fish populations and ecosystems. In addition.

Publications (start from recent publications)

a) Research Papers

Authors name	Title of the paper	Journal, Vol, page no.	Year
Imtiyaz Qayoom, Masood Balkhi, Malik Mukhtar, Adnan Abubakar, Uzma Siddiqui , Sammena Khan, Asma Sherwani, Ishrat Jan, Riyazali Sayyed and Andrea Mastinu	Assessing organophosphate insecticides retention in muscle tissues of juvenile common carp under acute toxicity tests	Toxicology Reports 12, 53-259.	2024
Siddiqui U , Rani A, Bisht H.C.S and Pandey N. N	Comparative Hematological Profile Three Species of Schizothorax Group Found in the Streams of Himalayan Region	Asian Journal of Biological and Life Sciences, 12(3), 616-621.	2023
Rani. A, Siddiqui U , Ghosh T.K. and Pandey N.N	Triploidy verification of <i>Schizothorax richardsonii</i> using erythrocyte cell and nucleus measurement.	Research Journal of Biotechnology 18(11), 218-222.	2023
Uzma Siddiqui , Amrita Rani, Gaurav Rawat, Harish Chandra Singh Bisht and Nityanand Pandey	Influence of age on the Hematological Profile of <i>Schizothorax richardsonii</i> (Snow trout) in wild and farmed condition.	High Technology Letter 29(3), 209-220.	2023
Siddiqui Uzma , Pandey Nityanand, Kumar Vishwakarma Bipin, Mohan Dinesh, Kala Preetam and Kumar Santosh	Artificial Breeding, Gonadosomatic Index (GSI) and Fecundity of Captive Reared <i>Labeo gonius</i> in Coldwater Condition.	International Journal of Zoological Investigations 7(2), 955-960.	2022
Nagma Parveen, Kulbhushan Kumar, Rashi Miglani, Ankit Kumar,	Observational study on Factors Affecting the Honey Bee Population in	Asian Journal of Biological and Life Sciences 11(2):543-553.	2022

Uzma Siddiqui , Mohd. Nazam Ansari, Jyoti Upadhyay and Satpal Singh Bisht.	the Western Himalayan Region of Uttarakhand, India.		
Arya Geetika, Bisht.H.C.S, Hemlata, Mandoli Sandeep and Siddiqui Uzma	Study on Status of Physico-Chemical Parameters of Lotic Water Body, Shipra in the Mountain Region of Kumaun Himalaya, Uttarkhand, India	International Journal of Zoological Investigations 8(1), 90-97.	2022
Sharma Sheetal, H.C.S. Bisht, N.N Pandey, Bipin.K. Vishwakarma and Uzma Siddiqui	Effect of Herbal Feed Additives on Hematological Parameters of Snow Trout (<i>Schizothorax richardsonii</i>).	Journal of Experimental Zoology 25(1), 1267-1271.	2021
Siddiqui Uzma , Rani Amrita, Bisht H.C.S. and Pandey Nityanand	Variation in Hematological Parameters of Snow Trout (<i>Schizothorax richardsonii</i>) During Gonadal Maturity and Breeding	International Journal of Zoological Investigations 7(2), 772-778	2021
Uzma Siddiqui , Harish Chandra Singh Bisht and Nityanand Pandey	Comparative study of sex related hematological parameters of <i>Schizothorax richardsonii</i> (Snow trout) in wild and farmed raised stock.	Journal of Entomology and Zoology Studies 8(4): 2093-2096.	2020
Uzma Siddiqui , H. C. S. Bisht and N. N. Pandey	Effects of experimental infection with <i>Aeromonas hydrophila</i> on different blood parameters and hematopoietic tissue in <i>Schizothorax richardsonii</i> ,	Journal of Experimental Zoology 23(1), pp. 000-000	2020
Siddiqui, U ; Shah, R.H; Amrita R; Krishna Tudu ; Kumar, S ;Bisht H.C.S and Pandey, N.N.	Comparative study of Hematological variation in healthy and fungal infected Kalabans, <i>Bangana dero</i> ,	Iranian Journal of Fisheries Sciences 19(1) 501-509.	2020
Mohammad Iqbal Mir, Uzma Siddiqui , Rabindar Singh Patiyal	Comparative study of metabolic gene regulation with seasonal fluctuation of temperature in <i>Rainbow trout</i> (<i>Onchorynchus</i>	Genetics of Aquatic Organisms 3(1), 09-16	2019

	mykiss)under captive condition.		
Uzma Siddiqui , H. C. S. Bisht and N. N. Pandey	Changes in haematological parameters of <i>Schizothorax richardsonii</i> (Gray 1832) infected with <i>Saprolegniasis</i> in farmed condition.	International Journal of Advance Research 7(5), 1228-1232.	2019
Amrita rani, Krishna Tudu, Uzma Siddiqui , Bipin K. Vishvakarma, Rashad H. Shah, Santosh Kumar And N. N. Pandey	Length weight relationship and condition factor of <i>Schizothorax richardsonii</i> (Gray) and <i>Schizothorax niger</i>	Journal of Coldwater Fisheries1(1):121-124	2018

b) Patents (start from recent publications)

Authors name	Title of the patent	Patent no (Granted or filed)	Year

c) Books (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year

d) Book chapters (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year
Siddiqui, U. , Miglani, R., Parveen, N., Kumar, A., Sharma, S., and Bisht, H.C.S.	Aquatic Pollution: Concerns and Abatement.	CRC Press London	978-93-58999	2023
Dewali,S, Siddiqui, U , Sharma,S, S. Bisht, H.C.S , Pandey, N.N, and Bisht, S.S.	Aquatic Pollution: Concerns and Abatement.	CRC Press London	978-93-58999	2023

e) Conference Publications/Proceedings (start from recent publications)

Authors name	Title of the paper	Conference name	Year

Projects

Title of the project	Funding agency	Amount (Rs)	Year

Teaching details

Name of the course/paper	Department	University	Year
UG (1. B.Sc.1 Sem Animal Physiology and Biochemistry with Practicals 2. B.Sc.2 Sem Genetics and Cell Biology with Practicals 3. B.Sc. 3 Sem Molecular Biology, Toxicology and Histology with Practicals 4.B.Sc4 Sem Microbiology and Animal Behaviour with Practicals 5. B.Sc. 5 Sem Non Chordata and Chordata with Practicals 6. B.Sc.6 Sem Elementary Entomology and Elimentary Ichthyology with Practicals 7. B.Sc/ B.A./ B.Com 1 and 2 year (1 Sem 2, Sem3, Sem and 4Sem)Vocational- Vermiculture)	Zoology	Kumaun University	2020 onwards
PG (1. M.Sc 1 SemTaxonomy and Evoluionary Biology with Practicals 2.M.Sc 3 Sem Chordata with Practicals 3.M.Sc 4 General Ichthyology) with Practicals	Zoology	Kumaun University	2020 onwards

Professional Memberships

Organization	Position	Year
1. Coldwater Fisheries Society of India	Life Member	2017
2. Asian Biological Research Foundation, Prayagraj, India	Life Member	2020

Honours and Awards

Award	Awarding Organization	Year
Best Poster Award	Indian Science Congress Association (Haridwar Chapter)	2018
Innovative Zoologist Award	Asian Biological Research Foundation	2020
Young Associate Scientist Award	Agricultural and Environmental Technology Development Society	2020
Best Oral Award	Agricultural and Environmental Technology Development Society	2021
Best Thesis Award	Agricultural and Environmental Technology Development Society	2021

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Inclusion of fresh <i>Azolla</i> in the diet of carp in mid altitudinal region of Uttarakhand.	National seminar on “Strategies, Innovation and Sustainable Management for Enhancing Coldwater Fisheries and Aquaculture”	ICAR- Directorate of Coldwater fisheries Research, Uttarakhand, India.	2017
Integrated trout and cardamom cultivation in hills.	<i>International Conference on Recent Trends in Agriculture, Veterinary & Life Sciences</i>	Carmel College for Women, Nuvem, Goa	2017
Dietary protein requirement of fry of <i>L. dyocheilus</i> .	<i>International Conference on Recent Trends in Agriculture, Veterinary & Life Sciences</i>	Carmel College for Women, Nuvem, Goa	2017
Observation on Environmental Effect on the Breeding	Plants and Environment	Kumaun University	2017

Dynamics of <i>Schizothorax richardsonii</i> (Gray)	(NSSAPPE).		
Dietary protein requirement of fry of <i>B. dero</i>	9 th Conference of Indian Science Congress Association (Haridwar Chapter) on Future India: Science & Technology.	G. B. Pant University of Agriculture and Technology	2018
Efficiency of hematological profile as a tool for determining the physiological and health status of hill stream fishes	9 th Conference of Indian Science Congress Association (Haridwar Chapter) on Future India: Science & Technology.	G. B. Pant University of Agriculture and Technology	2018
Comparative study on hematological parameters of healthy and fungal infected Snow trout fish (<i>Schizothorax richardsonii</i> .)	XIV Agricultural Science Congress	NASC, Pusa, New Delhi, India.	2019
Comparative study of Hematological Parameters in farmed produced male and female <i>Schizothorax richardsonii</i>	<i>IMRF Delhi Chapter, Delhi, India.</i>	<i>IMRF</i>	2019
Effects of Experimental infection with <i>Aeromonas hydrophila</i> on the different blood parameters and hematopoietic tissue in <i>Schizothorax richardsonii</i>	International Conference Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security	GAAFES	2019
Comparative study of	International Conference on	ABRF	2020

Sex Related Hematological Parameters of <i>Schizothorax richardsonii</i> (Snow trout) in wild and farmed raised stock.	Biotechnology and Applied Microbiology ABRF Prayagraj		
Influence of age on the hematological profile of <i>Schizothorax richardsonii</i> (Snow trout) in wild and farm condition	International Web Conference Perspective on Agricultural and Applied Sciences in Covid -19 Scenario	PASS	2020
Impact of Microplastics in Aquatic Ecosystem and its Remediation- A Concept Paper	In International Conference on Resposable Aquaculture and Sustainable Fisheries Interact	College of Fisheries, CAU(I) Tripura and Northeast Society for Fisheries and Aquaculture, India	2022
Study Of Hematological Profile Of Three <i>Schizothorax</i> Species Found In Himalayan Streams	9 th International Conference On Current Approaches in Agricultural, Biological & Applied Sciences for Sustainable Development. CAABASSD	Kumaun University	2024

Signature of the faculty member