

CURRICULUM VITAE

DR. SIDHARTH

Contractual Faculty
Department of Education,
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CONTACT INFORMATION

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TEACHING AREA

Zoology

PROFESSIONAL SUMMARY

Dedicated faculty member in the Department of Education, Central University of Punjab, teaching under the Integrated Teacher Education Programme (ITEP). Holds a PhD in Fisheries Science with specialization in fish nutrition, an MPhil in Entomology (Gold Medalist), and a Master's in Zoology with specialization in Cell and Molecular Biology. Skilled in interdisciplinary teaching, learner-centered pedagogy, curriculum design, and educational technology. Experienced in mentoring undergraduate students and promoting research-driven learning. Passionate about integrating science with teacher education to prepare competent, innovative, and ethically grounded educators.

ACHIEVEMENTS AND FELLOWSHIPS

Sr.No.	Test	Year of Qualification	Conducted by	Subject
1.	NET/SRF	2020	Council of Scientific and Industrial Research (CSIR)	Life Science
2.	NET/JRF	2018	Council of Scientific and Industrial Research (CSIR)	Life Science
3.	GATE	2018	Indian Institute of Technology (IIT)- Guwahati	Life Science
4.	SET	2018	Himachal Pradesh Public Service Commission (HPPSC)	Life Science
5.	TET	2017	Himachal Pradesh Board of School Education (HPBOSE)	Medical
6.	Gold Medal	2016	Himachal Pradesh University (HPU)	Zoology

EDUCATIONAL QUALIFICATIONS

Exam	Subject	Year of Passing	University/ board	Institute Name
Ph.D.	Zoology	2024	Panjab University	Department of Zoology, Panjab University
M.Phil.	Zoology	2017	Himachal Pradesh University	Department of Biosciences, Himachal Pradesh University
M.Sc.	Zoology	2015	Himachal Pradesh University	Maharaj Laxman Sen Memorial College, Sunder Nagar
B.Ed.	Life Science	2013	Himachal Pradesh University	Vallabh Govt. College, Mandi
B.Sc.	Medical	2012	Himachal Pradesh University	Govt. College Bassa, Gohar
12 th	Medical	2009	Himachal Pradesh Board of School Education	Govt. Sr. Sec. School, Chail-chowk
10 th	General subjects	2007	Himachal Pradesh Board of School Education	Oakland Public Sr. Sec. School, Ganesh Chowk

PUBLICATIONS

1. Chauhan, S., Thayes, C., Ali, B., & Rawal, Y. K. (2024). Evaluation of Himalayan nettle (*Urtica ardens*) extract meal in common carp (*Cyprinus carpio*) feed: Impact on growth performance, digestive enzyme activity and antioxidant capacity. *Aquaculture Reports*, 36, 102142.
2. Ali, B., Thayes, C., Chauhan, S., Thakur, M., & Rawal, Y. K. (2025). Effect of dietary Apricot Kernel Extract (AKE) on growth performance, digestive enzyme activity, biochemical profile, intestinal histomorphometry and *Aeromonas hydrophila* resistance in common carp. *Agricultural Research*, 1-13.
3. Thayes, C., Chauhan, S., Ali, B., & Rawal, Y. K. (2024). Ashwagandha's (*Withania somnifera*) potential effects on growth, intestinal histomorphology, and antioxidant enzyme activity in fingerlings of *Catla catla* (Hamilton, 1822). *Environment Conservation Journal*, 25(3).
4. Ali, B., Rawal, Y. K., Dhillon, O., Thayes, C., Sidharth, & Mittal, G. (2024). Dietary impact of Alfalfa on growth performance, biochemical profile, and resistance against *Aeromonas hydrophila* in fingerlings of common carp. *Fisheries Science*, 90(3), 453-465.

5. Ali, B., Sidharth, Rawal, Y. K. & Thayer, C. (2022). Nutritional composition, phytochemical screening, antioxidant, GC-MS, and FTIR analysis of methanolic extract of apricot, *Prunus armeniaca* kernel from Ladakh, India. *Arabian Journal of Medicinal and Aromatic Plants*, 8(3), 149-169.

WORK EXPERIENCE

1. Contractual Faculty in the department of Education, Central University of Punjab, Bathinda from August 2025.
2. Assistant Professor on guest basis in the department of Zoology, Panjab University from September 2024 to August 2025.
3. Provided practical assistance in M.Sc. and B.Sc. classes during Ph.D. for more than 5 years in the department of Zoology Panjab University, Chandigarh.
4. Provided research assistant to every new batch of M.Sc. students in form of conducting field trips, data collections, conducting laboratory experiment, statistical analysis related to the dissertations every year for more than 5 years during Ph.D.
5. Provided Teaching assistance during my M.Phil. for 2 years in the department of Bioscience, Himachal Pradesh University, Shimla.
6. Worked as a guest lecturer with the Pre-Examination Coaching Centre (NEET-UG) of Himachal Pradesh University Shimla, for 2 months after M.Phil.

CONFERENCES AND WORKSHOPS

1. Presented a poster at 15th Chandigarh Science Congress (CHASCON2022) the event held at Panjab University, Chandigarh, from September 15-17, 2022.
2. Participated and presented a poster at the Conference on Fisheries and Aquaculture: An Ecological Perspective, held at GADVASU, Ludhiana, from February 22-24, 2023.
3. Presented a poster in the National Conference CHASCON 2023 on titled “Effects of Ethanolic Extract of *Urtica ardens* in Aquaculture Diets: Impact on Excretory Patterns and Antioxidant Systems in Common Carp (*Cyprinus carpio*)” at Panjab University, Chandigarh, from October 13-15, 2023.
4. Presented a poster titled “*Urtica ardens* as a Dietary Supplement: Evaluating Growth Performance, Digestive Enzyme Activity, and Body Carcass Composition in Common Carp (*Cyprinus carpio*)” at International Conference on Application of Nanotechnology in

Transformation of Environment, Agriculture, and Healthcare organised in the University of Rajasthan, Jaipur, Rajasthan, India, on November 3-4, 2023, securing third position.

5. Presented a poster titled “Impact of Dietary Inclusion of *Urtica ardens* and its Influence on Haematological and Biochemical Markers in Common Carp (*Cyprinus carpio*)” in 1st International Conference on Science and Technology for Sustainable Future organised at Sardar Patel University, Mandi, Himachal Pradesh, on November 25-26, 2023, securing first position.
6. Participated in an 8-day National Workshop on Basic and Applied Techniques in Life Sciences conducted by the Department of Zoology, Panjab University, Chandigarh, from February 18-25, 2020.
7. Participated in a 5-day workshop on Data Analysis with SPSS, organized by the Faculty of Management Studies & Department of Management Studies, Gurukul Kangri (Deemed to be University), Haridwar, from February 21-25, 2022.
8. Participated in a 7-day Training Program on Advanced Molecular Biology Technique (Bioscience for Human Health Mission) under STUTI organized by the Department of Zoology in association with SAIF/CIL, Panjab University, Chandigarh, from March 21-27, 2022.
9. Assisted in a 7-day Hands on Training in Flow Cytometry, Confocal Microscopy, and Their Applications in Cell Culture Karyashala organized by the Department of Zoology, Panjab University, under the aegis of the Science and Engineering Research Board (SERB), Department of Science and Technology, New Delhi, from July 21-27, 2022.
10. Participated in a 2-day Workshop on Techniques in DNA Protein held at IIT Mandi on April 13-14, 2024.
11. Participated in a 7day Workshop on Data Analysis Using SPSS organized by the Department of Statistics, Panjab University, Chandigarh, from May 16-22, 2024.
12. Participated in a one-day Workshop on How to Get Published in Scopus Index Journal organized by Panjab University, Chandigarh, on June 20, 2024.
13. Participated in a 6-day Summer Skill Enhancement Course on Artificial Intelligence Tools for Research held by the Centre for Skill Development & Entrepreneurship (CSDE), Panjab University, Chandigarh, from July 1-6, 2024.

14. Attended the Online Value-Added Course on Developing Competencies in Soft Skills organized by the Department of Zoology, Panjab University, Chandigarh, from August 8-12, 2022.
15. Attended an Invited Talk on Epigenetic Inheritance talk by Dr. Sanjeev Khosla, Director, IMTECH, organized by the Department of Zoology, Panjab University, Chandigarh, in collaboration with CRIKC on August 17, 2022.
16. Attended a scientific Online Lecture on Ethics in Animal Research lecture by Dr. Vinod Tiwari, Indian Institute of Technology (B.H.U.), Varanasi, organized by Central Animal House in collaboration with UIPS, Panjab University, Chandigarh, on August 24, 2022.

EXTRA-CURRICULAR ACTIVITIES

- Participated in inter-college chess and boxing championships, winning medals in both.
- Vice-president of Zoological society at college level.
- Secretary of science faculty at college level.
- Help in organizing national conferences (CHASCON- 2023,2024) at Panjab university Chandigarh.
- Help in organizing many science seminars and workshops during PhD.
- Actively participated in the college and university level student council elections in between 2008 to 2024.

Declaration

I, Sidharth, hereby declare that the above-given particulars and details are true to best of my knowledge and belief, and I am also willing to give my best for the organizations.

Place: Chandigarh, India

Date: 19 Sept 2025



Sidharth