



NAME: DR. SHVETAMBRI JASROTIA

Designation: Assistant Professor
Department of Zoology,
Central University of Jammu
Rahya – Suchani, Bagla,
Samba – 181143
Jammu and Kashmir, India

ACADEMIC QUALIFICATIONS

Bachelor of Science, Biology University of Jammu

Masters of Science in Zoology University of Jammu

M.Phil. in Zoology University of Jammu

(Title: Rotifer diversity and polymorphism in some subtropical ponds of Jammu)

Ph.D. in Zoology University of Jammu

(Title: Studies on Cyclomorphosis of zooplankton in some subtropical ponds of Jammu).

BROAD AREA OF RESEARCH

Limnology

Ecological impact assessment

Fisheries and Aquaculture

RESEARCH PROJECTS

Project Completed: Ecological Impact Assessment for the Construction of a Barrage Across the River Tawi for Pondage Purpose (2014-2016)

Funding Agency: Science and Engineering Research Board (SERB), DST, New Delhi, GOI (DST No. SERB/F/572/2013-14 dated.13.05.2013,

Cost of the Project- 21, 60, 000/-)

RESEARCH PAPERS PUBLISHED

1. K.K. Sharma, Shvetambri, Preeti Verma and Surinder P. Sharma (2009). Physico-chemical assessment of three freshwater ponds of Jammu (J&K). *Current World Environment*, 4 (2): 367-373.
2. Sharma, K. K., Shvetambri and Verma, P. (2009). Rotatorian Taxonomy of subtropical fresh water Pond of Jammu (J&K). *National Journal of Life Sciences*, 6(2):163- 166.
3. Sharma, K. K., Shvetambri, Verma, P. and Sharma, S. P. (2009). Taxonomy of Rotifer (Rotifera: Eurotatoria) from two perennial fresh water ponds of Jammu, Jammu (J&K). *The Ecoscan*, 3(3&4): 251-254.
4. Sharma, K.K. & Verma, P. & Shvetambri (2010). Phytoplanktonic diversity and seasonal fluctuations in Surinsar wetland, Jammu (J&K) - A Ramsar site. *International Journal of Applied Environmental Sciences*. 5. 39-48.
5. Sharma, K. K., Chowdhary, S., Shvetambri and Sharma, A. (2011). Community structure of macrobenthic invertebrates inhabiting a Central Himalayan River, Tawi. *International Journal of Lakes and Rivers*, 4(1): 133-143
6. Sharma K. K., S. Chowdhary, Shvetambri and A, Sharma, 2011. Macrophytes as a habitat of macro benthic invertebrates. Recent advances in zoological sciences: *Applications to agriculture, environment and human health. Proceedings of the 22nd National Symposium, 6-7 November 2008*:81-88.
7. Kour Sarbjeet, Sharma K.K., Shvetambri and Antal Neha. A new record of rotifer (Family: Dicranophoridae) from survey of some Pir Panjal waters, J&K, India. *International Research Journal of Environment Sciences*, Vol. 2(4), 2013, pp 1-5.
8. Sharma K.K., Kour Sarbjeet, Antal Neha and Shvetambri. Habitat preferences of rotifers inhabiting some waters of Jammu Province, J&K, India. *International research Journal of Biological Sciences*, Vol 2(6): 35-38, 2013
9. D. I. Baba, K.K. Sharma and Shvetambri (2014). Ichthyofaunal Diversity of River Chenab: A Case Study. *International Journal of Lakes and Rivers*. ISSN 0973-4570 Vol. 7 (1) (2014): 55-62.
10. Sarbjeet Kour, Neha Antal, Shvetambri and Shiwali Gupta. Habitat preference of rotifers in some subtropical waters of lower Shivaliks. *Journal of International Academic Research for Multidisciplinary*. (2014) 2 (8). 56-67.
11. Sarbjeet Kour, D. I. Baba and Shvetambri. Comparative diversity of rotifers inhabiting some waters of Shivalik foothills. *Journal of Science*. (2014),4(8). 517 – 521.
12. K.K Sharma, Gupta K, Kouser U and Shvetambri (2015). Limnological profile of a high-altitude stream Bishleri of Banihal of Jammu and Kashmir India. *International Journal of Recent Scientific Research*. 6(3), 3162-3167
13. D. I. Baba, K. K. Sharma, Shvetambri. Physico-Chemical Assessment of River Chenab, Jammu and Kashmir. *European Journal of Pharmaceutical and Medical Research*. (2015), 2 (4):1048-1064.
14. K. K. Sharma, Sarbjeet Kour, Shvetambri and Neha Sharma (2016) Studies on the impact of construction of barrage on the macro-benthic invertebrate faunal diversity of river Tawi”. *International Journal of Applied Research*; 2(6): 1018-1020.
15. K. K. Sharma, Sarbjeet Kour, Shvetambri and Neha Sharma. Trends in the distribution of Macrobenthic fauna of river Tawi in the vicinity of Jammu city in view of construction of barrage across the river”. *International Journal of Recent Scientific Research*. 2017; 8(10): 21117-21110.

16. D. I. Baba, K. K. Sharma and Shvetambri (2015). Zooplanktonic Community Structure of River Chenab, Jammu and Kashmir (J&K), 3(11): 330-333. Journal of Science.
17. K. K. Sharma, Sarbjeet Kour, Shvetambri, Neha Sharma (2016) Studies on the impact of construction of barrage on the macro-benthic invertebrate faunal diversity of river Tawi". International Journal of Applied Research; 2(6): 1018-1020.
18. D. I. Baba, K. K. Sharma, Shvetambri (2014). Phytoplankton Community Structure of River Chenab, Jammu and Kashmir (J&K). International Journal of Science and Research (IJSR), 3(11): 330-333.
19. Jyoti, M. K., Agarwal H and Shvetambri Jasrotia (2016). Food and Food Toxins: An overview. Voyager. Vol. VIII (December). ISSN (P): 0976-7436, (e): 2455-054X.
20. K. K. Sharma, Sarbjeet Kour, Shvetambri, Neha Sharma (2017) Trends in the distribution of macrobenthic fauna of river Tawi in the vicinity of Jammu city in view of construction of barrage across the river. International Journal of Recent Scientific Research; 8(10): 21117-21110.
21. K. K. Sharma, Sarbjeet Kour, Shvetambri, Neha Sharma (2017). Changes in flow regime and its impacts on the qualitative and quantitative aspects of fish fauns of river Tawi in the vicinity of Jammu city". European Journal of Pharmaceutical and Medical Research; 4(12): 426-430.
22. Zahoor Ahmad Mir, Yahya Bakhtiyar, Muni Parveen, Niyaz Ali Khan, Robina Kousar and Shvetambri (2022). Seasonal Variation in the Macrobenthic Invertebrate Densities of Aripal and Watalara Streams of Kashmir Himalaya, India. Journal of Ecophysiology and Occupational Health, Vol 22(2), DOI: 10.18311/jeoh/2022/29644, 88-93, June.
23. Anchal Chib and Shvetambri Jasrotia (2022). Status and Scope of Conventional Morphometry and its Integration with Bar Coding in Jammu and Kashmir (J&K) Fisheries. Current World Environment. ISSN: 0973-4929, Vol. 17, No. (3).
24. Anchal Chib, Samiksha Sharma and Shvetambri Jasrotia (2023). Ichthyofaunal diversity of Jammu region of North-Western Himalaya and its Conservation status. Applied Biological Research. 25(1):1-18. ISSN – 0974-4517.

CHAPTERS IN BOOK

1. Bioindicators. Water Pollution and Management (2011). Biotech Books. Language: English. ISBN-10: 9788176222273. ISBN-13: 978-8176222273. ASIN: 8176222275.
2. Bioremediation. Water Pollution and Management (2011) Biotech Books
Language: English. ISBN-10: 9788176222273. ISBN-13: 978-8176222273. ASIN: 8176222275.
3. River regulation and its effects on Physico-Chemical parameters of River Tawi in the vicinity of Jammu City.
4. Contemporary Trends in Fisheries and Aquaculture (2018). TTPP, New Delhi – 110 002, India
ISBN: 215-220. 81-7019-603-4; 9788170196037.
5. Cyclomorphosis in Zooplankton: A Review (2021). In: Biodiversity: Conservation Aspects and Aquaculture. Book Enclave Publishers. ISBN – 13 - 978-8181525505.

6. Studies on the impact of construction of Barrage on the water, sediment and biota of Central Himalayan River, Tawi in the vicinity of Jammu City (2022). *In: Biological Sciences. A Kaleidoscopic View of New Trends.* Scientific Publishers (India). ISBN: 978-93-92590-69-6 (HB), ISBN: 978-93-92590- 75 – 7 (E book).

BOOKS

1. Recent Trends in Aquatic Biology (2019). TTPP publishers, New Delhi. ISBN9788170196280.
2. Recent Trends in Indian Limnology and Fishery Science (2021). TTPP publishers, New Delhi. ISBN 10: 81-7019-682-2, ISBN 13: 9788170196822.

AWARDS/HONOURS

1. Second prize in the best oral presentation in the young research scholar category. (National seminar on impact of trends in Climatic changes on Bio-diversity and Faunistic systems. Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar in association with Indian Academy of Environmental Sciences, Haridwar, (February – 2010).
2. Awarded Fastrack Young Scientist Project, Science and Engineering Research Board (SERB), Department of Science and Technology, New Delhi, GOI.
3. Awarded Congress of Zoology Gold Medal by Zoological Society of India on 05-06-2023 at 03-day National Conference on the theme “Changing Course in Global Environment: Challenges and Solutions” on the eve of World Environment Day and 34th All India Congress of Zoology at University of Kashmir.

ORIENTATION PROGRAMMES/ REFRESHER COURSE COMPLETED

1. Attended General Orientation organized by School of Education under Pandit Madan Mohan Malviya Mission on Teachers and teaching (PMMMNMTT) in collaboration with Faculty Induction Development Cell (FIDC), Central University of Jammu in line with provisions of UGC - HRDC w.e.f. 06th Dec 2017 – 08th Dec 2018 with Grade ‘A’.
2. Attended Inter disciplinary refresher course on ‘Online Teaching, learning and assessment’ organized by Faculty Induction Development Cell (FIDC), Central University of Jammu in line with provisions of UGC - HRDC w.e.f. 25th May 2018 – 08th June 2018 with Grade ‘A’.
3. Participated & successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Authentic Leadership and Excellence" from 22nd November 2021 to 26th November 2021 at Central University of Jammu.
4. Attended one week Workshop cum Faculty Development Programme (FDP) on “Yoga and Meditation with reference to Kashmir Saivism” organized by Centre for Comparative Religions and Civilizations (CCRC), Central University of Jammu w.e.f. 02-03-2023 to 06-02-2023 at Central University of Jammu.
5. Attended two-week online Faculty Development Programme (FDP), Refresher Course in Chemistry and Allied Sciences (FDPCAS -2023), Organized by Department of Chemistry and Chemical Sciences, Central University of Jammu w.e.f. 26th Oct 2023 to 08th November 2023.

CONFERENCES ATTENDED

1. International Symposium on current issues in Zoology & Environmental Science, Department of Zoology and Biotechnology, DDU, Gorakhpur University, Gorakhpur {11th – 13th Nov., 2006}.
2. 3rd J&K State Science Congress, University of Jammu, Jammu. {26th – 28th Feb, 2008}.
3. 5th J&K State Science Congress, University of Jammu, Jammu {8th – 10th February, 2010}.
4. National Seminar on Impact of trends in climatic changes on bio- diversity and Faunistic Systems. (Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar, in association with Indian Academy of Environmental Sciences, Haridwar, (19th – 21st, February – 2010).
5. National Seminar on Climate change and its impact on biological communities (CCIBC-2011). Dr. R.M.L. Avadh University, Faizabad- 224001. {Jan 21&22, 2011}.
6. 7th JK Science Congress – JKSC- 11, University of Jammu, Jammu. {October 13th – 15th, 2011}.
101st Indian Science Congress, University of Jammu, Jammu from 3rd to 7th February 2014.
7. National Seminar on Biodiversity: Sustainable Development and Conservation. Under UGC-SAP Programme, DST PURSE (GOI). 6th to 8th March 2014.
8. National Conference on Environmental Issues, Concerns and Solutions (EICS-2014). Organize by Department of Environmental Sciences, University of Jammu under DST-PURSE Scheme & UGC Special Assistance Programme (SAP).
9. 10th JK Science Congress, 14th to 16th March, 2015. National Seminar on Science and Technology for Human Development. March 25th to March 27th, 2015, Jammu Chapter, ISCA.
10. Emerging trends and challenges in Biodiversity Conservation. 28th -29th February, 2017, Department of Zoology, University of Jammu, Jammu.
11. 12th JK Science Congress. 2nd to 4th March 2017, University of Jammu, Jammu.
12. National Level Seminar on Science & technology for the unreached: Notions, Values and Applicability, Indian Science Congress (ISCA), Jammu Chapter, 20-21, April, 2018.
13. National Seminar on Science & Technology: Rural Development, Indian Science Congress (ISCA), Jammu Chapter, 10th – 11th, December, 2019.
14. Delivered an invited talk on 03-day National Conference on the theme “Changing Course in Global Environment: Challenges and Solutions” on the eve of World Environment Day and 34th All India Congress of Zoology at University of Kashmir w.e.f

PH.D. THESIS UNDER SUPERVISION-

1. Ms. Anchal Chib – Morphometric and molecular characterization of some fishes of River Chenab Jammu (J&K).
2. Mr. Imtiaz Shahid - Biomonitoring of a subtropical stream Devika from district Udhampur of Jammu and Kashmir. (Under Co-Supervision).

Dissertations guided/under supervision in Undergraduates: 13

Dissertations under supervision in Post graduates: 05

Teaching Experience: 07 years

Research Experience: 10 years

Administrative Experience:

1. Academic Coordinator, Department of Zoology (2016-2019), Central University of Jammu.
2. Member Board of Studies, Department of Zoology (2016-2019), Central University of Jammu.
3. Member School Board, Department of Zoology (2016 – till date), Central University of Jammu.
4. Member Board of Studies, Govt College For Women, (Autonomous College Affiliated to University of Jammu), Parade Ground, Jammu – 180001, J&K.
5. Head (In charge), Department of Zoology (2022 – 2023), Central University of Jammu.

Memberships : Life Member Indian Science Congress Association.
Life Member Zoological Society of India

Postal/Mailing Address : Department of Zoology,
Central University of Jammu,
Rahya - Suchani (Bagla),
District Samba,
Jammu - 181143
(J&K)
shvetambri.zool@cuammu.ac.in
dr.shvetambrij@gmail.com
Ph.- 9419184308

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