

Curriculum Vitae

Full Name	Dr. Ravindra Singh			
Designation	Assistant Professor			
Department	Zoology			
Campus	SRT Campus, Badshahithaul			
Address	Department of Zoology H.N.B. Garhwal University SRT Campus, Badshahithaul, Tehri Garhwal, Uttarakhand 249 199.			
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Education Qualification	Degree	University,	Year	
	D.Phil.	HNB Garhwal University, Srinagar Garhwal	2006	
	M.Sc.	HNB Garhwal University, Srinagar Garhwal	1998	
	B.Sc.	HNB Garhwal University, Srinagar Garhwal	1996	
Teaching Experience	More than 13 Years	Research Experience	More than 18 Years	
Research Interest and Fields of Specialization				
1. Fish Biology 2. Fish Parasitology				
Research Supervision (No of Ph.D. Degree Awarded/Registered):				
Neeraj Kumar Sharma: 'Studies on season dependent Physiometabolic indices and thermal tolerance of <i>Barilius bendelisis</i> (Ham.)' 2018 Awarded.				
Registered:				
Prashansa bachhwan: 'Taxonomic and biological studies on protozoan parasites of some fishes from selected spring-fed streams of Garhwal, Uttarakhand'				
Administrative Experience				
1. NSS Program Officer, Proctor Board, Hostel Warden, Sports Council Member 2. Co – coordinator, Coaching Centre of the Campus for SC/ST/Minority 3. NCC Officer, (Nov 2016 to till date)				
Conference/Symposium/Workshop Attended:				
International				
1. Presented a paper on 'Environmental interactions in the parasitological infestations of <i>Noemacheilus botia</i> (Ham.)' in International Seminar on "Environmental governance and sustainable development in 21 st century India: Challenges for the Mountain Regions in the Anthropocene" Organized by Uttarakhand Political Science Association (UPSA), at Kumaun University, Nainital. (7 – 8, October 2017).				
2. Presented a paper on 'Fish biology of <i>Noemacheilus botia</i> (Ham.)' in International Conference on "Advances in Science, Engineering and Technology" Organized by International Journal of Advance Research and Innovation and MANU-				

International Council for Man and Nature. Gurukul Kangri University, Haridwar, Uttarakhand (29 – 30, January 2016).

3. Presented a paper on 'Some aspects of science in relation to professional development of teachers' in International Seminar on "Professional development of Teachers" by "The Learning Community, India" Organized by Subhash Chandra Bose P.G. College, Hardoi, Uttar Pradesh, India (17th – 18th November 2012).

National

1. Presented a paper on 'Length-weight relationship and relative condition factor in *Barilius bendelisis* (Ham.) from Garhwal Himalaya' in National Conference on "Promoting the Advancement of Applied Sciences" Organized by Department of Mathematics, HNBGU, SRT Campus, Badshahithaul, Tehri Garhwal, Uttarakhand. (22 – 23 October, 2019).
2. Workshop on 'Application of Remote sensing and GIS in Water Resources Management in Uttarakhand' organised by Uttarakhand Space Application Centre, Dehradun at SRT Campus, Badshahithaul, Tehri Garhwal. (11th March 2019)
3. Presented a paper on 'Some aspects of taxonomy and biology of nematode of *Noemacheilus botia* (Ham.)' in National Seminar on "Women's Health in India: Issues and Concerns (with special reference of Uttarakhand State) under the Auspices of Indian Council of Social Science Research, Ministry of Human Resource Development, New Delhi, supported by UPSC. Organized by Department of Political Science, B.S.M. (P.G.) College, Roorkee, Uttarakhand. (23 – 24 February 2018).
4. Actively participated in National Seminar on 'Geo – Environmental Hazards and Neo – Tectonic Activities in Himalaya' organized by Deptt. of Geology, SRT campus, Badshahithaul, Tehri Garhwal, Uttarakhand (28th to 30th October, 2014).
5. Presented a paper on 'Seasonal cycle in the relative condition factor (Kn) of a Hill-stream fish *Noemacheilus botia* (Ham.) in National Seminar on "Uttarakhand Disaster: Contemporary Issues of Climate Change and Development with a Holistic Approach" Organized by Sri Dev Suman Uttarakhand University, Badshahithaul, Tehri Garhwal, Uttarakhand. (25 – 27 October, 2013).
6. Participated in Workshop on 'Intellectual Property Rights/Patent Awareness' jointly organised by UCOST, Dehradun and HNBGU, SRT Campus, Badshahithaul with support of Technology Information, Forecasting and Assessment Council. (26th November 2011).
7. Presented a paper on 'Biochemical analysis of some nematode parasites in *Noemacheilus botia* (Ham.) from Garhwal Himalaya' in National Seminar on "New innovations in parasitological research" Organized by D.A.V. (P.G.) College, Dehradun, Uttarakhand. (29 – 30 March, 2011)
8. Presented a paper on 'Feeding analysis of *Noemacheilus botia* (Ham.) from Garhwal Himalaya' in National seminar on "Environmental management and Biodiversity conservation" Organized by Action for sustainable, efficacious development and awareness and MANU- International Council for Man and Nature held at Omkarananda Institute of Management and technology, Rishikesh, India. (26 – 27 February, 2011).

9. Presented a paper on 'Length – weight relationship of *Noemacheilus botia* (Ham.) from Garhwal Himalaya'.in national Conference on “ Conservation of Aquatic biodiversity, Development of cold water fisheries, fish biotechnology and emerging trends in fresh water environments” Organized by Department of Zoology, Govt. P.G. College, New Tehri, Tehri Garhwal. (25 – 27 November, 2010).
10. Workshop on “Fisheries Conservation and Enhancement in Northern Hill States” Organized by NBFGR Lucknow, ABCS Lucknow and HNBGU, Srinagar (Garhwal) (9th – 10th March, 2010).
11. Paper presented on Seminar on “Response of Eco- Biological components to the phenomenon of Global warming (NSREG- 2009), Organized by the Department of Zoology, DSB Campus, Kumaun University, Nainital in collaboration with Indian Academy of Environmental sciences, Haridwar. (27 September 2009).

Publications

1. Sharma, Neeraj Kumar, Akhtar, M.S., **Singh, Ravindra** and Pandey, N.N. (2018). Seasonal modulation of reproductive hormones and related biomarker in coldwater cyprinid *Barilius bendelisis* (Hamilton, 1807). *Comparative Clinical Pathology*. <https://doi.org/10.1007/s00580-018-2691-8>. ISSN 1618-5641
2. Bashir A, Sharma NK, Bisht B.S, **Singh R**, Mir JI, Akhtar MS. (2016). Length–weight relationship of five commercially important freshwater fish species in the Kashmir Valley, India. *Journal of Applied Ichthyology*. Aug;32(4):740-1. DOI: <https://doi.org/10.1111/jai.13065> ISSN 0175-8659.
3. Sharma, N.K., **Singh, R.**, Gupta, M., Pandey, N.N., Tiwari, V.K., Singh, R. and Akhtar, M.S., (2016). Length–weight relationships of four freshwater cyprinid species from a tributary of Ganga River Basin in North India. *Journal of Applied Ichthyology*, DOI: <https://doi.org/10.1111/jai.12998> ISSN 0175-8659.
4. Sharma, Neeraj Kumar, Akhtar, M.S., Pandey, N.N. **Singh, Ravindra** and Singh, A.K. (2016). Sex Specific Seasonal Variation in Hematological and Serum Biological Indices of *Barilius bendelisis* from Central Himalaya, India. *Proc.Natl.Acad.Sci., India, Sect.B Biol.Sci.* DOI: <https://doi.org/10.1007/s40011-015-0692-9> ISSN 0369-8211.
5. **Singh, R.**, Akhtar, M.S., Pandey, N., Mir, J.I. and Sharma, N.K. (2015). Threatened Fishes of the World: *Glyptothorax kashmirensis* (Hora, 1923) (Siluriformes: Sisoridae) a mini review. *Journal of Fisheries & Livestock Production*. **3**:147 DOI: <https://doi.org/10.1111/jai.12834> . ISSN 2332-2608
6. Sharma, Neeraj Kumar, Akhtar, M.S., Pandey, Nityanand and **Singh, Ravindra** (2015). Seasonal variation in thermal tolerance, oxygen consumption, anti – oxidative enzymes and non – specific immune indices of Indian hill trout, *Barilius bendelisis* (Hamilton, 1807) from Central Himalaya, India. *Journal of Thermal Biology*, 52: 166 – 176. DOI: <https://doi.org/10.1111/jai.12836> ISSN 0306-4565.
7. Bashir, A., Sharma, N. K., Bisht, B. S., **Singh, R.** and Mir, J. I. (2015). Length – weight relationships of 10 fish species from two tributaries of Indus River basin in

Jammu and Kashmir, India. *Journal of Applied Ichthyology*, 1 – 2. DOI: <https://doi.org/10.1111/jai.12844> ISSN 0175-8659

8. Sharma, N.K., Mir, J.I., **Singh, R.**, Akhtar, M.S. and Pandey, N.N., (2015). Length–weight relationships for eight fish species from the Ravi River, north-western India. *Journal of Applied Ichthyology*, 31(6), pp.1146-1147. DOI: <https://doi.org/10.1111/jai.12836> ISSN 0175-8659
9. Sharma, N.K., Mir, J.I., Dobriyal, A.K. and **Singh, R.** (2015). Length–weight relationships of two cyprinid fish species, *Crossocheilus latius* (Hamilton, 1822) and *Garra gotyla gotyla* (Gray, 1830) from the Ganga River Basin, India.. *Journal of Applied Ichthyology*, 31(6), pp.1161-1162. DOI: <https://doi.org/10.1111/jai.12835> ISSN 0175-8659
10. Sharma, N. K., **Singh, R.**, Pandey, N. N., Akhtar, M. S. and Mir, J. I., (2015). Length–weight relationship of two fish species from Poonch River, Western Indian Himalaya: *Glyptothorax kashmirensis* (Hora, 1923) and *Crossocheilus diplochilus* (Heckel, 1838). *Journal of Applied Ichthyology*, 31(6), pp. 1144–1145. DOI:<https://doi.org/10.1111/jai.12834> ISSN 0175-8659
11. Sharma, N.K., Mir, J.I., Pandey, N.N., **Singh, R.**, Bashir, A. and Akhtar, M.S., (2015).Length–weight relationships of six fish species from an Indus basin tributary in the Poonch region of Jammu and Kashmir, India. *Journal of Applied Ichthyology*, 31(3), pp.585-586. DOI: <https://doi.org/10.1111/jai.12764> ISSN 0175-8659
12. Sharma, N.K., Mir, J.I., Pandey, N.N., Akhtar, M.S., Bashir, A. And **Singh, R.** (2014). Meristic and Morphometric Characteristics of *Crossocheilus diplochilus* (Heckel, 1838) from the Poonch Valley of Jammu and Kashmir, India. *World Journal of Zoology*. **9**(3): 184 – 189. DOI: [10.5829/idosi.wjz.2014.9.3.8570](https://doi.org/10.5829/idosi.wjz.2014.9.3.8570) ISSN 1817-3098
13. Sharma, N.K., Mir, J.I, Pandey, N.N. and **Singh, R.** (2014). Morphometric and Meristic Characteristics of Birdi Loach, *Botia birdi* (Chaudhuri, 1909) from a Tributary of Indus Basin, Jammu and Kashmir, India. *World journal of Fish and Marine Sciences* **6**(3): 262 – 266. DOI: [10.5829/idosi.wjfm.2014.06.03.84113](https://doi.org/10.5829/idosi.wjfm.2014.06.03.84113) ISSN 2078-4589
14. **Singh, Ravindra.** (2013). Feeding biology of *Noemacheilus botia* (Ham.). *J. Mountain Res.*, 8: 61 - 69. ISSN 0974-3030

Total Number of Research Publications :