


## Curriculum Vitae

<b>Full Name:</b>	DR. DEEPAK SINGH			
<b>Designation:</b>	Professor			
<b>Department:</b>	Zoology			
<b>Campus:</b>	Birla (Chauras) Campus, HNB Garhwal University, Srinagar (Garhwal)			
<b>Mobile:</b>	9411379079; 8755615249			
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<b>Educational Qualification:</b>	<b>Degree</b>	<b>University</b>	<b>Year</b>	
	D.Phil.	H.N.B. Garhwal University, Srinagar (Garhwal)	1995	
	M.Sc.	H.N.B. Garhwal University, Srinagar (Garhwal)	1989	
	B.Sc.	Garhwal University, Srinagar (Garhwal)	1987	
<b>Teaching Experience:</b>	33 Years	<b>Research Experience:</b>	34 Years	
<b>Research Interest and Fields of Specialization</b>				
1. Fish and Fisheries 2. Aquatic Biodiversity (Freshwater) 3. Limnology				
<b>Membership of Scientific Organizations</b>				
1. Life Member, Aquatic Biodiversity Conservation Society, NBFGR, Lucknow 2. Life Member, Vigyan Bharti [Devbhoomi Vigyan Samiti (DEVISA)], Uttarakhand.				
<b>Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)</b>				
<b>Awarded</b>	<b>Submitted</b>	<b>Registered</b>		
06	-	03		
<b>Research Projects/ MoU undertaken</b>				
<b>Title</b>	<b>Funding Agency</b>	<b>Total Cost</b>	<b>Completed/Ongoing</b>	
Development and characterization of cell lines from <i>Schizothorax richardsonii</i> and <i>Puntius chelynooides</i> (Tor)	Department of Biotechnology, New Delhi	24.99 Lakh	Completed	
<b>Administrative Experience</b>				
1. Convener, Admission Committee, B.Sc. III Semester 2017-18. 2. Member, Board of Studies (BOS) in Zoology, 2018. 3. Convener, Admission Committee, M.Sc. I Semester, Zoology, 2022-23. 4. Assistant Proctor, H.N.B. Garhwal University, Srinagar-Garhwal w.e.f. 3.08.2017 to date. 5. Member, School Board, School of Life Sciences, H.N.B. Garhwal University, Srinagar (Garhwal), 2018-2020. 6. Member, Board of Studies (BOS), Department of Himalayan Aquatic Biodiversity, H.N.B. Garhwal University, Srinagar (Garhwal), 2019. 7. Member, Departmental Purchase Committee, Department of Zoology, H.N.B. Garhwal University, Srinagar (Garhwal) from 2008 to date. 8. Member, Departmental Purchase Committee, Department of Himalayan Aquatic Biodiversity, H.N.B. Garhwal University, Srinagar (Garhwal) from 29.01.2019 to date. 9. Assistant Proctor, H.N.B. Garhwal University, Srinagar-Garhwal w.e.f. 19.08.2019 to date. 10. Nodal Faculty representing School of Life Sciences, H.N.B. Garhwal University, Srinagar (Garhwal) for monitoring E-teaching-learning activities during lock-down due to COVID-19 during March 24 to May 31, 2020. 11. Member, Departmental Purchase Committee, Department of Environmental Science, H.N.B. Garhwal University, Srinagar (Garhwal).				
<b>Scientific Visits Abroad/ International/National Collaboration</b>				
1. MoU with University of Copenhagen, Denmark on academic cooperation, staff and research exchange, etc. 2. Research Collaboration with National Bureau of Fish Genetic Resources (NBFGR), Lucknow, U.P.				

### Conference/Symposium/Workshop Attended during last five years (2018-2022)

#### International

1. Participated and delivered a lecture on “Fish Diversity and Ecology of Central Himalayan Rivers” in an International Workshop on ‘Arctic and Alpine Aquatic Science- implications of climate change on proglacial freshwater ecosystems functioning and services’ under Indian-Danish Network Project organized by Department of Zoology & Biotechnology, HNBSGU, Srinagar (October 11-13, 2019).
2. Delivered an invited lecture on “Stock structure identification of *Barilius* from Alaknanda and Chenab river basins of Central and Western Himalaya” in an international Conference on “Contemporary Issues of Climate Change, Conservation of Biodiversity and Natural Resources in Himalayan Environments” organized by the Department of Zoology, Government Post Graduate College, New Tehri, Tehri Garhwal, Uttarakhand during 14-16 November, 2019.
3. Attended an international webinar on “Impact of COVID-19 on Research and Academic Activities” organized by the Department of Physics, H.N.B. Garhwal University, SRT Campus, Badshahi Thaul, Tehri Garhwal and Department of Physics, Govt. PG College, New Tehri, Tehri Garhwal, held during June 19-20, 2020.
4. Attended an international webinar on “Microbial Diversity: From Health to Environment” organized by Department of Botany and Microbiology, H.N.B. Garhwal University, Srinagar (Garhwal) in collaboration with Association of Microbiologists of India (AMI), Srinagar (Garhwal) Unit through Go to Meeting on June 27, 2020.

#### National

1. Attended a Symposium on “Promotion of Public Awareness on Water Development, Conservation and Management in Uttarakhand” at the Department of Environmental Sciences, H.N.B. Garhwal University, Srinagar-Garhwal on February 9, 2018.
2. Presented a paper on “Seasonal Variation and Diversity of Plankton in Mandakini River after Major Flash Flood” in a National Seminar on “Research in Environment and Biosciences: Current Scenario and Future Perspectives” organized by Department of Zoology, D.A.V. (PG) College, Dehradun in Association with Indian Academy of Environmental Sciences (IAES), Haridwar from June 22-23, 2018.
3. Attended One Week Workshop on “Use and Development of Open Educational” held at Faculty Development Centre, Chauras Campus from October 12-18, 2018 organized by Faculty Development Centre, H.N.B. Garhwal University, Srinagar (Garhwal).
4. Delivered an invited lecture on “Fish Farming: A Self Employment Venture (मत्स्य खेती: एक स्वरोजगार उपक्रम)” in a training programme on “मध्य हिमालयी क्षेत्रों में कौशल विकास के माध्यम से जैव-संपदा के सदुपयोग एवं प्राकृतिक संसाधनों के प्रबन्धन द्वारा रोजगार श्रृंखला के अवसर” organized by G.B. Pant National Institute of Himalayan Environment and Development (GBPIHED), Srinagar Unit during March 11-18, 2019.
5. Presented a research paper on “Proximate composition of some food fishes of Central Himalayan river Alaknanda” in a National Seminar on “Promoting the Advancement of Applied Sciences” organized by the Department of Mathematics, H.N.B. Garhwal University, SRT Campus, Badshahi Thaul, Tehri Garhwal (Uttarakhand) during October 22-23, 2019.
6. Attended a national webinar and An Action-Based Programme on the occasion of World Environment Day, 5<sup>th</sup> June, 2020 on “Environmental Conservation (गॉव से)” organized by the Department of Geography, H.N.B. Garhwal University, Srinagar (Garhwal), Uttarakhand on 5<sup>th</sup> June, 2020.
7. Attended a national webinar on “Impact of COVID-19 on Mental Health of Youngsters: Causes and Suggestions” organized by the Chaman Lal Mahavidyala, Landhaura, Haridwar, U.K. on 6<sup>th</sup> June 2020.

### Conference/Symposium/Workshop Organized during last five years (2018-2022)

1. Convener, Event (World Environment Day Celebration), Department of Zoology, H.N.B. Garhwal University, Srinagar (Garhwal) on 5<sup>th</sup> June 2020.

### Publications during last five years (2018-2022)

1. Nautiyal, P., Mansi, Sharma, N., Kumar, P. and **Singh, D.** 2018. Biological monitoring of water quality before and after completion of the hydroelectric project on the river Alaknanda at Srinagar. In: Siddiqui, N. A., Tauseef, S. M. and Bansal, K. (eds.) *Advances in Health and Environment Safety: Select Proceedings of HSFEA 2016*. Part of the Springer Transactions in Civil and Environmental Engineering book series (STICEE), Springer, Singapore, pp 219-227. ISBN: 978-981-10-7121-8, 978-981-10-7122-5.
2. Goswami, G. and **Singh, D.** (2018). Periphyton assemblages and diversity in a major flash flood exposed Himalayan river Mandakini of Uttarakhand, India. *International Journal of Life Sciences*, **6(2)**: 507-516. ISSN: 2320-7817 (P), 2320-964X (O).

3. Goswami, G. and **Singh, D.** (2018). Water quality and function of Mandakini River ecosystem of Central Himalaya. *International Journal of Biosciences*, **12(6)**: 102-116. ISSN: 2220-6655 (P), 2222-5234 (O).
4. Kumar, S. and **Singh, D.** (2018). Intraspecific morphometric variability in the population of *Barilius bendelisis* (Hamilton) from the Alaknanda basin of Central Himalaya. *Journal of Applied and Natural Sciences*, **10**: 1199-1203. ISSN: 0974-9411. [**Impact Factor: 0.26**].
5. Kumar, S. and **Singh, D.** (2019). Genetic and morphometric comparison of two isolated populations of *Barilius bendelisis* Hamilton from the Indian Himalayas. *Revista de Biologia Tropical*, **67(3)**: 466-477. ISSN: 0034-7744. [**Impact Factor: 0.803**].
6. **Singh, D.** and Kumar, S. (2019). Phenotypic divergence and molecular characterization of two sympatric species of genus *Barilius* (Hamilton) from the river Chenab of Western Himalaya. *Journal of Applied Ichthyology*, **35 (4)**: 954-962. Wiley, Doi: 10.1111/jail. 13919. ISSN: 0175-8659. [**Impact Factor: 0.892**].
7. Sharma, S. and **Singh, D.** (2019). Seasonal dynamics of biochemical and mineral components of Himalayan cyprinid *Schizothorax richardsonii* (Gray, 1832). *Research Journal of Biotechnology*, **14(9)**: 77-82. ISSN: 0973-6263. [**Impact Factor: 0.454**]
8. **Singh, D.** and Goswami, G. (2019). Diversity and seasonal variations of plankton communities after major flash flood in the river Mandakini of Garhwal Himalaya. *Nature Environment and Pollution Technology*, **18(4)**: 1177-1184. ISSN: 0972-6268 (P), 2395-3454 (O) [**Impact Factor: 0.53**]
9. Sharma, Sharali and **Singh, D.** (2020). Nutritional status of *Crossocheilus latius latius* (Hamilton, 1822) and *Garra lamta* (Hamilton, 1822) from Alaknanda river of Central Himalaya. *Journal of Aquatic Food Product Technology*, **29(4)**: 350-359. ISSN: 1049-8850 (Print) 1547-0636 (Online) DOI: 10.1080/10498850.2020.1737999. Taylor & Francis, [**Impact Factor: 1.767**]
10. Kumar, S. and **Singh, D.** (2020). Stock discrimination of *Barilius vagra* (Hamilton, 1822) (Teleostei: Danionidae) inhabiting the Alaknanda and Chenab River basins of India using mitochondrial COI gene. *Iranian Journal of Ichthyology*, 7(3): 234-241. [**Impact Factor: 0.833**]
11. Sharma, S., Kumar, S. and **Singh, D.** (2020). Seasonal variations in proximate composition and metallic elements of three cyprinids from a Central Himalayan River Alaknanda in Garhwal Himalaya, India. *Journal of Applied and Natural Science*, **12(4)**: 661-669. Published online: December 14, 2020 ISSN: 0974-9411 (Print), 2231-5209 (Online). [**Impact Factor: 0.26**]
12. Priyanka and **Singh, D.** (2021). Benthic macroinvertebrates diversity and quality of water in first-order streams of Badiyar gad, lesser Himalaya, Uttarakhand, India. *International Journal of Environmental Studies*, DOI: 10.1080/00207233.2021. 1992119. Taylor & Francis, ISSN: 0020-7233 (Print); 1029-0400(Online) [**Impact Factor: 1.291**]
13. Kumar, S., Sharma, S. and **Singh, D.** (2021). Phenotypic plasticity in *Barilius vagra* (Hamilton 1822) (Teleostei: Danionidae) from two geographically distinct river basins of Indian Himalaya. *Journal of Threatened Taxa*, 13(13): 19976-19984. ISSN: 0974-7907(Online), 0974-7983 (Print) [**Impact Factor: 0.56**]
14. Sharma, S. and Singh, D. (2022). Nutritional status, level of trace metals, and human health risk assessment in fishes of Central Himalayan River Alaknanda". *Indian Journal of Ecology*, 49(3): 919-926. ISSN: 0304-5250 (Print) [**Impact Factor: 0.544**]

**Total Number of Research Publications: 32**