


Curriculum Vitae

Full Name:	DR. DEEPAK SINGH			
Designation:	Associate Professor			
Department:	Zoology			
Campus:	Birla (Chauras) Campus, Srinagar (Garhwal)			
Telephone:	911370: 267530	Fax:	911370: 267530	
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Education Qualification:	Degree	University	Year	
	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	
Teaching Experience:	31 Years	Research Experience:	32 Years	
Research Interest and Fields of Specialization				
1. Fish and Fisheries 2. Aquatic Biodiversity (Freshwater) 3. Limnology				
Honours & Awards				
Member of Academic Institutions				
Membership of Scientific Organizations				
1. Life Member, Aquatic Biodiversity Conservation Society, NBFGR, Lucknow 2. Life Member, Vigyan Bharti [Devbhoomi Vigyan Samiti (DEVISA)], Uttarakhand.				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
Awarded	Submitted	Registered		
06	Nil	02		
Research Projects/ MoU undertaken				
Title	Funding Agency	Total Cost	Completed/O	
Development and characterization of cell lines from <i>Schizothorax richardsonii</i> and <i>Puntius chelynoides</i> (Tor)	Department of Biotechnology, New Delhi	24.99 Lakh	Completed	
Administrative Experience				
1. Assistant Dean Student Welfare, H.N.B. Garhwal University Campus, Srinagar-Garhwal w.e.f. 10.02.2015 to 02 August 2016. 2. Member, Admission Committee, Pre Ph.D. Program of Zoology & Biotechnology (2015-16), HNB Garhwal University, Srinagar-Garhwal. 3. Member Scientist (Zoology), Institutional Ethical Committee, H.N.B. Garhwal University, Srinagar-Garhwal w.e.f. 03.05.2015 to 02.05.2017.				

4. Member, Panel of Experts, DBT sponsored Bioinformatics Infrastructure Facility Centre, Department of Zoology & Biotechnology, HNB Garhwal University, Srinagar-Garhwal April 2016.
5. Convener, Admission Committee, B.Sc. I Semester 2016-17.
6. Convener, Admission Committee, B.Sc. III Semester 2017-18.
7. Member, Board of Studies (BOS) in Zoology, 2018.
8. Assistant Proctor, H.N.B. Garhwal University, Srinagar-Garhwal w.e.f. 3.08.2017 to 10.04.2018.
9. Member, School Board, School of Life Sciences, H.N.B. Garhwal University, Srinagar (Garhwal), 2018 to date.
10. Member, Board of Studies (BOS), Department of Himalayan Aquatic Biodiversity, H.N.B. Garhwal University, Srinagar (Garhwal), 2019.
11. Member, Departmental Purchase Committee, Department of Himalayan Aquatic Biodiversity, H.N.B. Garhwal University, Srinagar (Garhwal) from 29.01.2019 to date.
12. Assistant Proctor, H.N.B. Garhwal University, Srinagar-Garhwal w.e.f. 19.08.2019 to date.
13. 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.
14. Member, Admission Committee, B.Sc. 3rd Semester, 2020, 2021.
15. Member, Special Flying Squad, Pre Ph.D.-Entrance Exam, 2021-22, HNB Garhwal University, Srinagar (Garhwal), 6.02.2022.

Scientific Visits Abroad/ International Collaboration

Conference/Symposium/Workshop Attended during last five years (2016-2021)

International

1. Attended an International Workshop on "Climate Change, Himalayan Glaciology and Glacio-hydrological Modelling" sponsored by ICIMOD, Kathmandu, under the Himalayan University Consortium (HUC) at the Department of Environmental Sciences, H.N.B. Garhwal University, Srinagar-Garhwal during September 6-8, 2016.
2. Presented a paper on "Floral Diversity, Water Quality and Recovery of Mandakini River Ecosystem After Major Flash Flood" in an International Seminar on "The Himalayan Challenge: Towards Interdisciplinary Dialogues for Sustainability and Development" organized by Sri Dev Suman Uttarakhand University, Badshahithaul, Tehri Garhwal in collaboration with the Doon University, Dehradun during November 29-December 1, 2017.
3. 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, HNBGU, Srinagar (October 11-13, 2019).
4. 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.

5. 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.
6. 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 UGC sponsored one week workshop on “Soft Skills and Creative Writing (All Levels)” organized by the UGC Human Resource Development Centre, Guru Jambheshwar University of Science and Technology, Hisar, Haryana during 1.02.2016 to 6.02.2016.
2. Presented a paper on “Dynamics of Aquatic Macroinvertebrates in the Mandakini River of Uttarakhand, India” in a National Seminar on “Environmental Health vis-à-vis Human Welfare in Present Scenario” organized by the Department of Zoology, DAV (PG) College, Dehradun during April 18-19, 2016.
3. Delivered an invited speech in One day Seminar on “Impact of Cleanliness on Social and Environmental Health” organized by the NSS Unit of H.N.B. Garhwal University, Campus, Srinagar-Garhwal on September 04, 2016
4. 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.
5. 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.
6. 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).
7. 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.
8. 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.
9. Attended a national webinar and An Action-Based Programme on the occasion of World Environment Day, 5th June, 2020 on “Environmental Conservation (पर्यावरण रक्षण)” organized by the Department of Geography, H.N.B. Garhwal University, Srinagar (Garhwal), Uttarakhand on 5th June, 2020.
10. 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 6th June 2020.

Conference/Symposium/Workshop Organized during last five years (2015-2020)

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

Publications during last five years (2016-2021)

1. Goswami, G. and **Singh, D.** (2017). Dynamics of Aquatic Insects in the Mandakini River of Uttarakhand, India. ***Ecology, Environment and Conservation*, 23 (1):** 331-339. ISSN: 0971765X. **[Impact Factor: 0.45]**
2. 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.
3. 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).
4. 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).
5. 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.
6. 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: 0.723].**
7. **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*, 00: 1-9. **Wiley**, Doi: 10.1111/jail. 13919. ISSN: 0175-8659. **[Impact Factor: 0.892].**
8. 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: 0.45]**
9. **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: 0.42]**
10. 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]**
11. 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: 0.80].**

12. 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. ISSN: 0974-9411 (p), 2231-5209 (o) <https://doi.org/10.31018/jans.v12i4.2413>.
13. Negi, P. 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: 1.263**]
14. 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: 0.50**]

Total Number of Research Publications: 30