

# CURRICULUM VITAE

## Dr. Shurveer Singh

Assistant Professor (Guest Faculty)

Department of Zoology

Govt. Degree College, Satpuli

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## Career Objective

To face challenges efficiently and effectively, while working in a position that employs my skills and utilizes my talents and helps me in achieving excellence by improving myself every day.

## Academic Qualifications

Examination	Year	%	Board/ University
10 <sup>th</sup>	2000	53.6	CBSE Board
12 <sup>th</sup>	2002	56.4	CBSE Board
B.Sc.	2005	60.2	H.N.B Garhwal University, Uttarakhand
M.Sc.	2008	66.4	H.N.B Garhwal University, Uttarakhand
Pre-Ph.D. (Zoology)	2011	67.5	H.N.B Garhwal University, Uttarakhand
Ph.D.* (Zoology)	2016		H.N.B Garhwal University, Uttarakhand

\*Title of Ph.D. Thesis: “ **Eco-Morphological and Taxonomical Studies of Crab, *Potamon kooloense* from Freshwater Streams of Uttarakhand**” awarded under the kind supervision of Prof. S.N. Bahuguna, Department of Zoology & Biotechnology Hemvati Nandan Bahuguna Garhwal University (A Central University) Srinagar Garhwal- 246174

## **Awards and Fellowships**

- **Young Scientist Award** for Best Oral Presentation under Discipline Zoology, 10<sup>th</sup> Uttarakhand State Science & Technology Congress 2015-16.
- Junior Research Fellowship under RGNF Scheme from University Grants Commission, India during April 2011 to March 2013.
- Senior Research Fellowship under RGNF Scheme from University Grants Commission, India during April 2013 to March 2016.

## **Teaching Experience**

- As Assistant Professor (guest faculty) in the Department of Zoology & Biotechnology, H.N.B. Garhwal University, Srinagar (Garhwal) for four academic sessions during 2016-17, 2017-18, 2018-19 and 2019-2020.

## **Professional Trainings/ Workshops Attended**

- Short term Training on “ Recent Trends in Molecular Diagnostic Techniques” during November 19-30, 2010 at Institute of Biotechnology, GB Pant University of Agri. & Tech. Patwadangar, Nainital.
- Training Programme in the area of Modern Biotechnology at Department of Biotechnology, Indian Institute of Technology, Roorkee during January 1-7, 2011.
- National workshop on “ Taxonomic Keys and Identification Tools of Different Groups of Flora and Fauna” organized by Department of Zoology and Environmental Science, Gurukula Kangri University, Haridwar, Uttarakhand during 29<sup>th</sup> October to 3<sup>rd</sup> November, 2012.
- Workshop on “ Statistical Techniques Using SPSS” at Department of Statistics, School of Sciences, H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand during 5<sup>th</sup>-6<sup>th</sup> November, 2012.

- Three Day Workshop on “ Functional Genomics and Bioinformatics” at Lifeomics, The R&D Wing of B. P. Pharmaceuticals, Varansi during 27th February to 1<sup>st</sup> March, 2013.
- Advanced Training Programme on SPSS (ATP ON SPSS) at Department of Statistics, School of Sciences, H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand during 30<sup>th</sup>-31<sup>st</sup> January, 2014.
- One Day Workshop on “ Laboratory Biosafety Protocols” at Department of Zoology & Biotechnology H.N.B. Garhwal University, Srinagar (Garhwal) on dated April 24, 2018.
- Faculty Development Programme on “ Advanced Research & Statistical Techniques” organized by Uttaranchal College of Applied & Life Sciences (UCALS), Uttaranchal University, Dehradun from 22<sup>nd</sup> - 28<sup>th</sup> February, 2019.

### Conferences/ Seminars Attended/ Research Papers Presented

- Poster presentation entitled “ **Availability of crustacean fishery belongs to crab in the riverine systems of Garhwal Himalaya, Uttarakhand**” in 5<sup>th</sup> Uttarakhand State Science & Technology Congress-2010, 10-12 November at Doon University, Dehradun.
- Oral presentation entitled “ **Population structure and relative growth of hillstream crab, *Potamon kooloense* (Rathbun, 1904) from Uttarakhand Himalaya**” in 2<sup>nd</sup> National Conference on Environment and Biodiversity of India on 29<sup>th</sup>-30<sup>th</sup> December 2012 at University of Delhi, Delhi.
- Oral presentation entitled “ **Study on growth pattern and population dynamics of crab, *Potamon kooloense* (Rathbun, 1904) in Khoh tributary of river Ganga, Uttarakhand**” in 8<sup>th</sup> Uttarakhand State Science & Technology Congress-2013, 26-28 December at Doon University, Dehradun.
- Poster presentation entitled “ **Food and feeding habits in crab, *Potamon kooloense* Rathbun, 1904 from foothill stream of Uttarakhand**” in National Seminar on Threats to Biodiversity and Ecosystems: Impacts of Developmental Projects and Climate

Change and 25<sup>th</sup> All India Congress of Zoology during 17<sup>th</sup>-19<sup>th</sup> November, 2014 at Gurukula Kangri Vishwavidyalaya, Haridwar.

- Participated in the 102<sup>nd</sup> Indian Science Congress held at University of Mumbai, Mumbai from January 3<sup>rd</sup>-7<sup>th</sup>, 2015.
- Oral presentation entitled “ **Antibacterial activity from haemolymph of freshwater crab of genus *Maydelliathelphusa* against respiratory tract pathogens**” in 10<sup>th</sup> Uttarakhand State Science & Technology Congress 2015-16, 10-12 February at Viygyan Dham, Dehradun.

### Short Term Course / Diploma

- Short term course in computer from Network Resource Centre, UGC, Govt. P.G College Jaiharikhal, Lansdowne during 2007-08.
- Diploma in Nursery Techniques and Orchard Management from Govt. P.G College Jaiharikhal, Lansdowne during 2009.

### Published Research Papers / Book Chapter

- Bahuguna SN, Chowdhary AK, **Singh S** (2012). Quantitative osteological study of a bottom feeder hillstream cyprinoid fish *Crossocheilus latius latius* (Hamilton-Buchanan). Journal of Applied and Natural Science 5(1): 17-19.
- **Singh S**, Chowdhary AK, Rana AR and Bahuguna SN (2013). Length (height)/width-weight relationship of *Potamon kooloense* collected from lower Himalayan aquatic environment, Uttarakhand, India. Flora and Fauna 19(1): 151-157.
- **Singh S**, Chowdhary AK, Rana AR and Bahuguna SN (2013). Morphometric analysis of freshwater crab, *Potamon kooloense* (Decapoda: Brachyura: Potamonidae) from hillstream Khoh, Uttarakhand. Environment Conservation Journal 14(1&2): 55-59.

- Rana AR, Bahuguna SN and **Singh S** (2014). Study on growth pattern of *Potamon koolooense* (Rathbun, 1904) from foothill stream Rawasan, Uttarakhand. Journal of Sustainable Environmental Research 3(1): 1-7.
- **Singh S**, Arya P, Bahuguna SN, Mehta JP, Bhatt G, Chowdhary AK and Bahuguna V (2016). Antibacterial activity from haemolymph of freshwater crab of genus *Maydelliathelphusa* against respiratory tract pathogens. International Journal of Pharmacy and Pharmaceutical Sciences 8(2): 324-325.
- Bahuguna SN, Rana AR and **Singh S** (2016). Diet composition of freshwater crab, *Potamon koolooense* Rathbun, 1904 from hillstream of Uttarakhand. Journal of Applied and Natural Science 8 (1): 301-304.
- Rana AR, Bahuguna SN and **Singh S** (2016). Relationship between biometric parameters and fecundity of crab *Potamon koolooense* (Rathbun, 1904) from hillstream Khoh of Uttarakhand, India. International Journal of Fisheries and Aquatic Studies 4 (2): 278-281.
- Bahuguna V, Chowdhary AK, Bahuguna SN, **Singh S**, Bhatt G, Bhardwaj S (2016). Biometrical analysis and distribution of *Duttaphrynus melanostictus* (Anura: Bufonidae) in Dehradun region of Western Himalaya. International Journal of Fauna and Biological Studies 3(3): 161-165.
- Chowdhary AK, Bahuguna V, Bhatt G, **Singh S**, Bhardwaj S, Bahuguna SN (2016). Diet composition of Indian burrowing frog *Sphaerotheca breviceps* (Anura: Dicroglossidae) in Uttarakhand region of Western Himalaya. Proceedings of the Zoological Society, pp. 1-7.
- Bhatt G, **Singh S**, Bahuguna V, Chowdhary AK, Bhardwaj S, Bahuguna SN (2017). Semen quality and sperm ultrastructure of Himalayan snowtrout *Schizothorax plagiostomus* Heckel, 1838. Indian Journal of Fisheries 64(1): 49-55.

- Pati SK, **Singh S** (2017). A new species of freshwater crab of the genus *Himalayapotamon* Pretzmann, 1966 (Decapoda, Brachyura: Potamidae: Potaminae) from Uttarakhand, northern India. *Zootaxa* 4237 (1): 191-200.
- Bhardwaj S, Singh D, **Singh S**, Bhatt G, Bahuguna V, Chowdhary AK, Bahuguna SN (2019). Population density of Himalayan mouse hare (*Ochotona roylei*) along high elevational region of Madhmahashwar Uttarakhand, Western Himalaya, India. *Environment and Ecology* 37 (3A): 836-842.
- **Singh S**, Bahuguna V, Nirmala, Garg C, Sharma N, Bahuguna SN (2019). Antimicrobial potential of haemolymph of marine crab: A mini review. *International Journal of Research and Analytical Reviews* 6 (2): 244-247.
- **Singh S**, Bahuguna V, Sharma N, Garg C, Chauhan N, Bahuguna SN (2019). Antimicrobial potential of haemolymph of freshwater crab: A review. *International Journal of Research and Analytical Reviews* 6 (2): 259-265.
- Bahuguna V, Chowdhary AK, **Singh S**, Bhatt G, Bhardwaj S, Lohani N, Bahuguna SN (2019). A food spectrum analysis of three bufonid species (Anura: Bufonidae) from Uttarakhand region of the Western Himalaya, India. *Journal of Threatened Taxa* 11 (13): 14663-14671.
- Kumar, K., Rana A.R., **Singh S** (2012). ' Impact of physico-chemical parameters on distribution and relative abundance of aquatic biodiversity in particular, crustacean fishery from Khoh tributary of Ganga in Garhwal Himalaya' , in Rana, J.M.S. (ed.) *Biotechnology issues, opportunities and challenges*. Uttarakhand: USBD, pp. 202-207.  
(**Book Chapter**)

## Professional Affiliations

- Member, The Indian Science Congress Association, Kolkata

## IT Skills

- Knowledge of Microsoft Office programs- Excel and Power Point

- Knowledge of Statistical software- SPSS and PAST
- Experience in the use of advanced Internet search engines

## Personal Profile

Father' s Name : Mr. Beer Singh  
Mother' s Name : Mrs. Vimla Devi  
Date of Birth : 7<sup>th</sup> October 1985  
Gender : Male  
Marital Status : Married  
Nationality : Indian  
Languages Known : English and Hindi  
Permanent Address : Village & Post- Kalluwala, Tehsil- Dhampur  
District- Bijnor, Uttar Pradesh, 246722

## Referees

### **Prof. S.N. Bahuguna**

Professor & Ex-Head  
Department of Zoology & Biotechnology  
H.N.B. Garhwal University, Srinagar (Garhwal)  
Uttarakhand  
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**Email:** bahugunasn@rediffmail.com

### **Prof. Anita Rawat Rana**

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## Declaration

I hereby declare that the above mentioned information is correct to best of my knowledge & ability.

Date: 02.08.2022

Place: Satpuli

**(Dr. Shurveer Singh)**