

## Curriculum Vitae

**Full Name** MANJU PRAKASH GUSAIN  
**Designation** Professor  
**Department** Zoology  
**Campus** Srinagar  
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**Education Qualification** M.Sc. in Zoology (1985), D.Phil. in Zoology (1990), HNB Garhwal University; UGC-NET

**Teaching Experience** 29 Years      **Research Experience** 35 Years

### Areas of Interest/ Specialization

1. Aquatic insect ecology
2. Environmental biology
3. Conservation biology

### Honours & Awards

1. 1<sup>st</sup> Position in Garhwal University (M.Sc. Zoology, 1985)

### Member of Academic Institutions

1. Professor, HNBSGU (Since 01.01.2009)
2. Reader & Associate Professor, HNBSGU (19.08.2001 to 31.12.2008)
3. Lecturer & Senior Lecturer, HNBSGU (19.8.92 to 18.8.2001)
4. Lecturer (Ad-hoc), HNBSGU (08.10.91 to 07.04.92)

### Membership of Scientific Organization

1. Life Member, National Institute of Ecology (NIE)
2. Life Member, Indian Academy of Environmental Sciences (IAES), Haridwar
3. Society for Himalayan Action Research & Development (SHARAD), Pauri Garhwal

### Research Supervision (No. of Ph.D. Degree Awarded/ Registered)

Awarded: 07; Registered: 01

### Research Projects/ MoU undertaken

1. The influence of landuse on benthic macroinvertebrate communities of Alaknanda river catchment in Garhwal Himalaya. Uttarakhand Council of Science & Technology, Dehradun (UCS&T/R&D/LS-72/07-08/2585/2) Duration: 2008-2011 **Completed**
2. Aquatic insect diversity in relation to the environmental factors in various stream orders of a central Himalayan watershed. GB Pant Institute of Himalayan Environment & Development, Almora (GBPI/IERP/99-2000/22/7385) Duration: 2001-2004. **Completed**
3. Community structure and productivity of the macroinvertebrate benthos in a spring fed stream of Garhwal Himalaya. DST Young Scientist Research Project (HR/OY/Z09/95) Duration: July 1996-September 1998. **Completed**
4. Systematics of benthic insects in hillstreams of Garhwal Himalaya. Minor research project given to University teachers by UGC (HNBSGU/94/144) Duration: November 1993-October 1996. **Completed**
5. Associated with UGC-SAP, COSIST & DST-FIST programme sanctioned to the department.

### Administrative Experience

1. Member, Permanent Cell for Combating Sexual Harassment and Violence against Women, HNBSGU (Since 2004).
2. Member, Remedial Coaching Cell for SC/ST and Minorities Student, HNBSGU (2008-2011).

3. Programme Officer, NSS, HNBSGU (2002-2005)

### **Conference/Symposium/Workshop Attended during last five years**

#### **International**

1. International Conference on 'Contemporary Issues of Climate Change, Conservation of Biodiversity and Natural Resources in Himalayan Environments' organized by Department of Zoology, Govt. PG College, New Tehri, Uttarakhand (November 14-16, 2019).

#### **National**

1. 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. National Seminar on 'Science and Technology for Human Development' and SAP (UGC) Workshop on 'Biodiversity and Conservation: Present Status and Future Perspective' organized by Department of Zoology, University of Jammu, Jammu in collaboration with The Indian Science Congress Association, Kolkata and Jammu Chapter, ISCA (March 25-27, 2015).

### **Best Peer-Reviewed Publications during last five years (up to 05)**

1. Singh, P, S Nautiyal, N Swami, JS Rana, **MP Gusain**, OP Gusain 2020. A Case Study of the Phenotypic Variations in *Barilius Bendelisis* (Hamilton) from a Perennial Stream and a Fish Pond of Garhwal Himalayan Region of Uttarakhand, India. *Journal of Tropical Life Science* 10 (3), 185-196
2. Singh, P, P Sharma, N Swami, JS Rana, **MP Gusain**, OP Gusain 2020. Composition and Diversity of Phytobenthic Communities Downstream to a Hydroelectric Dam on River Alaknanda in Garhwal Himalayan Region of Uttarakhand, India. *International Journal of Ecology and Environmental Sciences* 46 (2), 111-116
3. Singh, Pranav, Kamini Sharma, Navneet Swami, Jitendra Singh Rana, **Manju Prakash Gusain & Om Prakash Gusain** (2019). Assemblages of Benthic Macroinvertebrate Communities Downstream of a Dam on River Alaknanda in Garhwal Himalaya, Uttarakhand, India. *International Journal of Ecology and Environmental Sciences* 45 (4): 403-412, 2019 ISSN: 2320-5199 (Online)
4. Swami N, Singh P, Gul M, Rana JS, Dewan S, **Gusain MP & Gusain OP** (2019). Molecular characterization of Ephemeroptera (Mayfly) inhabiting River Alaknanda, Uttarakhand based on mitochondrial control region. *Environment and Ecology*, 37(2) 555-560. ISSN: 0970-0420
5. Rana JS, Semalty B, Singh P, Swami N, Dewan S, Singh J, **Gusain MP & Gusain OP** (2017). Checklist of benthic macroinvertebrate taxa along different riparian land use types in Alaknanda River Catchment of the Central Himalaya, Uttarakhand (India). *Proc. Zool. Soc.*, DOI 10.1007/s12595-017-0241-z. ISSN: 0974-6919 (electronic version)

**Total Number of Research Publications: 34**