


<b>Full Name:</b>	PROF. ANOOP KUMAR DOBRIYAL			
<b>Designation:</b>	PROFESSOR			
<b>Department:</b>	ZOOLOGY			
<b>Campus:</b>	B G R CAMPUS PAURI GARHWAL			
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<b>Education Qualification:</b>	M. Sc.	HNB Garhwal University	1979	
	D.Phil.	HNB Garhwal University	1985	
<b>Teaching Experience:</b>	35 Years	<b>Research Experience:</b>	38 Years	
<b>Research Interest and Fields of Specialization</b>				
<ol style="list-style-type: none"> <li>1. Fish Biology</li> <li>2. Limnology and Aquatic biodiversity</li> <li>3. Plant Biotechnology</li> </ol>				
<b>Honours</b>				
<ol style="list-style-type: none"> <li>1. (FAEB)-Fellow of Academy of environmental Biology- 1981-82</li> <li>2. (FZSI)-Fellow of zoological Society of India- 1989</li> <li>3. (FSB)-Fellow of Society of Biosciences – 1995</li> <li>4. (FIFSI)- Fellow of Inland Fisheries Society of India- 2004</li> <li>5. (FIAES)- Fellow of Indian Academy of Environmental Sciences- 2005</li> <li>6. (FASEA)- Fellow of Action for Sustainable, Efficacious Development and Awareness, India.2006</li> <li>7. PAUL HARRIS FELLOW OF ROTARY FOUNDATION (2010)</li> <li>8. FANSF (Fellow of Applied and Natural Science Foundation)- 2011</li> <li>9. FNSC (Fellow of Natural Science and Culture (2012)</li> </ol>				
<b>Awards</b>				
<ol style="list-style-type: none"> <li>1. YOUNG SCIENTIST AWARD- Asian Fishery Society, Indian Branch – 1987</li> <li>2. GROUP STUDY EXCHANGE AWARD-Pennsylvania and Maryland, USA- Rotary Foundation. 1993</li> <li>3. SCIENTIST OF THE YEAR AWARD- 2002 by NATIONAL ENVIRONMENTAL SCIENCE ACADEMY, NEW DELHI.</li> <li>4. ASEA Fisheries Award- 2006</li> <li>5. RASHTRIYA SHIKSHA SAMMAN AWARD- 2009 by Council for Economic Growth and Research, New Delhi</li> <li>6. SILVER JUBILEE GOLD MEDAL of Indian Academy of Environmental Sciences, Hardwar (2012)</li> <li>7. 7<sup>th</sup> ACADEMIC BRILLIANCE AWARD for Excellence in Research by EET CRS Education expo TV NOIDA, (2019)</li> </ol>				
<b>Member of Academic Institutions</b>				
<ol style="list-style-type: none"> <li>1. Chairperson of BOS of HNB Garhwal University (2015-2018)</li> <li>2. Member of BOS and RDC of Allahabad University (2002-04)</li> <li>3. Member of BOS and RDC of Kumaun University (2008-11, 2019 onwards)</li> <li>4. Member of BOS and RDC of CSJM Kanpur University (2010-13)</li> <li>5. Member of BOS of LMS Autonomous Govt PG College, Rishikesh (2010-11, 2016-19)</li> <li>6. Member of BOS of SGRR University Dehradun (2016-18)</li> <li>7. Member of BOS of Himalayan University Jolly Grant (2019 onwards)</li> <li>8. Member of BOS of Uttarakhand Open University (2019 onwards)</li> </ol>				
<b>Membership of Scientific Organizations</b>				
<ol style="list-style-type: none"> <li>1. Life member of Zoological Society of India.</li> </ol>				

<ol style="list-style-type: none"> <li>2. Life member of Society of Bio-sciences.</li> <li>3. Life member of National Environmental Science Academy, New Delhi</li> <li>4. Life member of Inland Fisheries Society of India.</li> <li>5. Life member of Society of Nature conservator</li> <li>6. Life member of Indian Academy of Environmental Science, Hardwar</li> <li>7. Life member of Action for Sustainable, Efficacious Development and Awareness, Hardwar, India.</li> <li>8. Life Member of Aquatic Biodiversity Conservation Society, NBFGR, Lucknow</li> <li>9. Member of Asian Fishery Society, (Phillippines).</li> <li>10. Life member of International Council for Man and Nature (MANU)</li> <li>11. Life Member of Applied and Natural Science Foundation.</li> <li>12. Founder Member of Foundation of Natural Science and Culture</li> </ol>
<p><b>Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)</b></p> <ol style="list-style-type: none"> <li>1. Ph D awarded- 21</li> <li>2. Ph D submitted- 02</li> <li>3. Ph D registered- 02</li> </ol>
<p><b>Research Projects/ MoU undertaken</b></p> <ol style="list-style-type: none"> <li>1. DST Project: SP/YS/011/87: Ecology and productivity of river Nayar (1987) (Rs.2.04,220/-)</li> <li>2. UGC Project :8-7(55)/87 (SR II &amp; IV), 1989: Ecology of Limnofauna in the small streams and their importance to village life in Garhwal Himalay (Rs. 10,000/-)</li> <li>3. UGC Project 40-505/2011 (SR) Conservation biology of cobitid fish <i>Lepidocephalus</i> Bleeker from Mandal river of Garhwal Himalaya (Rs 1,10,000/-)</li> <li>4. Research collaboration with NBFGR, Lucknow, G B Pant Agricultural University, Pantnagar and SBS Institute of Technology, Balawala, Dehradun during 2009-12</li> <li>5. MOU is signed with the University of Copenhagen, Denmark for a joint project on alpine biodiversity studies (2019)</li> </ol>
<p><b>Administrative Experience</b></p> <ol style="list-style-type: none"> <li>1. HOD Zoology of BGR Campus Pauri (1986- contd...)</li> <li>2. HOD and Chairperson of BOS of HNB Garhwal University (2015-2018)</li> <li>3. Director of BGR Campus of HNB Garhwal University (2015-2018)</li> <li>4. Regional Director (Garhwal) of Uttarakhand Open University ( 2012- contd...)</li> <li>5. Deputy Dean, Students' Welfare (HNB Garhwal Central University)- 2011- 2013</li> <li>6. Assistant Dean Student's Welfare during 1999-2001, 2009-2011</li> <li>7. Assistant Proctor of the campus. 1987- 1989, 2002-03</li> <li>8. Assistant/ Senior Supdt of Examinations from time to time</li> </ol>
<p><b>Scientific Visits Abroad/ International Collaboration- Recently MOU is signed with the University of Copenhagen, Denmark for a joint project on alpine biodiversity studies (2019)</b></p>
<p><b>Conference/Symposium/Workshop Attended during last five years (2014-2019)</b></p> <p><b>National</b></p> <ol style="list-style-type: none"> <li>1. National Seminar on “ Uchch Shiksha Aor Mukh Vishwavidyalaya ki Sambhavnayen” 2.12.2014 organised by UOU Haldwani- Chaired a session</li> <li>2. National seminar on Decreasing strength of students in Government Schools: Causes and Remedies. HNB Garhwal University Campus, Pauri Garhwal. 19 May, 2018 Key Note delivered</li> <li>3. One day Workshop on Intellectual Property Rights (IPR). HNB Garhwal University Campus, Pauri Garhwal. 26<sup>th</sup> March, 2019 – Lecture delivered</li> <li>4. Training Workshop on Water Conservation, Water quality and Sanitation, GBPHIED Kosi, UCOST Dehradun and HNBGU at Pauri Garhwal 30-31 March, 2019- Delivered a Lecture on “Health and Hygiene”</li> <li>5. National Seminar on “The Himalayas: At the cross-roads of Environment and</li> </ol>

Development, 26-27 May, 2019. Chaired a session

6. "In service training and sensitization of key functionaries of Central and state Governments, local bodies and other service providers" Theme: Empowerment of Person with disability: 31.5.2019 – 1.6.2019- Chaired a session
7. Brain storming seminar on National Education Policy 2019. HNB Garhwal University Srinagar Garhwal. 13.8.2019- Presentation given on behalf of Pauri Campus

### **Publications during last five years (2014-2019)**

1. Vikas Sharma, Barkha Kamal, Nidhi Srivastava, Anoop Kumar Dobriyal, and Vikash Singh Jadon (2014). *In Vitro* Flower Induction from Shoots Regenerated from Cultured Axillary Buds of Endangered Medicinal Herb *Swertia chirayita* H. Karst. *Biotechnology Research International* Volume 2014, Article ID 264690, 5 pages <http://dx.doi.org/10.1155/2014/264690>
2. Vikas Sharma, Nidhi Srivastava, Barkha Kamal, Anoop Kumar Dobriyal, and Vikash Singh Jadon (2014). Efficient sterilization of protocols for different explants of an endangered medicinal herb *Swertia chirayita*. *Trends in Life Sciences* (ISSN 2319–5037) Vol 3 (1): 5-9 (Global Impact Factor 2015: 0.654)
3. Yadav, S., Verma, D. K., Pradhan, P.K., Dobriyal A.K. and Sood, N. (2014). Phenotypic and genotypic identification of *Aeromonas* species from aquatic Environment. *International Journal of Aquatic Science* (ISSN: 2008-8019): 5 (1):3-20.
4. N. K. Sharma, J. I. Mir, A K Dobriyal and R Singh (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): 1161-62 (<https://doi.org/10.1111/jai.12835>)
5. Krishan, R and Dobriyal, A.K (2015). Observation on Length-Weight relationship and Relative condition factor. *Int. J. of Sci. Technology & Management*. Vol.(4), Special Issue no.01, ISSN (Print) 2394-1529, (Online ) 2394-1537. Pp234-242.(Impact Factor 2.012)
6. Vikas Sharma, Barkha Kamal, Nidhi Srivastava, Yogesh Negi, Anoop Kumar Dobriyal and Vikash Singh Jadon (2015). Enhancement of in-vitro growth of *Swertia chirayita* Roxb. Ex Fleming co-cultured with plant growth promoting rhizobacteria. *Plant Cell, Tissue and Organ culture*. 120 (1). DOI 10.1007/s11240-014-0696-9 Springer Publication (Impact Factor 2.6)
7. Vikas Sharma, Nidhi Belwal, Barkha Kamal, Anoop Kumar Dobriyal, Vikash Singh Jadon.

(2016). Assessment of Genetic Fidelity of *in vitro* Raised Plants in *Swertia chirayita* through ISSR, RAPD analysis and Peroxidase Profiling during Organogenesis. *Braz. Arch. Biol Technol.* vol.59 Curitiba 2016 Epub Nov 28,2016, [http://dx.doi.org/10.1590/1678-4324\\_2016160389](http://dx.doi.org/10.1590/1678-4324_2016160389)

8. Bhatt, D., Bhatt, M.D., Dobriyal A K and Arora S. (2016). Effects of Exogenous Applications of H<sub>2</sub>O<sub>2</sub> in *Elucine coracana* is correlated with increased activity of antioxidant enzymes in a time dependent manner. *International Journal of Advanced Technology in Engineering and Science.* Vol.4 (9): ISSN: 2348-7550. Pp. 180-188. (Impact factor: 2.87)
9. Bahuguna, P and A K Dobriyal, A K (2018). First report on the occurrence of some benthic macroinvertebrates in the spring-fed streams of Garhwal Himalaya, India. *International Journal of Research and Analytical Research and Analytical Reviews (IJRAR).*E-SSIN 2348-1269, P ISSN- 2349-5138 (IF. 5.75) Vol 5 (4): 437-443
10. Sagir, M, Rashid M, Dobriyal A K (2018). Influence of riparian vegetation on the detritus standing stock in the river Western Nayar of Garhwal Himalaya. *International Journal of Research and Analytical Research and Analytical Reviews (IJRAR)* .E-SSIN 2348-1269, P ISSN- 2349-5138 (IF. 5.75) Vol 5 (4): 1051-1064.
11. Goswami, S and Dobriyal, A K (2018). Spatial distribution and diversity of fishes in different ecological sections of spring fed river Mandal from Uttarakhand, India. *International Journal of Recent Scientific Research.* 9 (12):29958-29962 (ISSN: 0976- 3031) (DOI: <http://dx.doi.org/10.24327/ijrsr.2018.0912.2968>)
12. Rashid, M, Bahuguna, P. and Dobriyal, A. K. (2019). Analysis of length weight relationship And relative condition factor in the hillstream fish *Mastacembelus armatus* (Lacepede) from River Nayar, Garhwal, Uttarakhand. *International Journal of Recent Scientific Research:* 10 (1): pp. 30574-30580 (ISSN: 0976- 3031) UGC List No: 46629, (DOI: <http://dx.doi.org/10.24327/ijrsr.2019.1001.3085>)

### Books

- (i) Biological Diversity in Freshwater Environment (2005, Co-Editor): Transmedia, Media House, Srinagar Garhwal. P. 332
- (ii) Uttaranchal main Matsyiki ki bhavi sambhavnayen: Proceedings of National Seminar in Hindi (2005, Co-Editor): CIFE, Mumbai. P. 222
- (iii) Advances in Animal Sciences (M. Phil. Course Book for Chaudhary Devi Lal

University,

Hariyana)- 2007-(Kumar and Dobriyal)

(iv) Biology of ornamental fish *Puntius conchonus* (Ham. Buch.).

(Pankaj Bahuguna and A K Dobriyal, 2018, NPH Delhi) pp 226 (ISBN: 978-93-87590-46-5).

**Total Number of Research Publications: 180**