

MR. BHARTENDU VIMAL

Assistant Professor
Department of Aquatic Animal Health Management
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Specialization:

- Aquatic Animal Health Management
- Fish and Shellfish Pathology
- Fish Immunology
- Fish Pharmacology and Therapeutics

Education Qualifications

Degree	University	Year
B.F.Sc.	AAU, Jorhat	2006
M.F.Sc.	ICAR-CIFE, Mumbai	2010

Employee

Name of Post	From	To	Address
Assistant Professor	March 2022	Continuing	College of Fisheries, Kishanganj, BASU, Patna

Five Best Research Articles

1. Kumar, A., **Vimal, B.**, Kumar, V., Sarker, S., Kumari, P., Paul, T., Rout, A.K., Saini, V.P., Pandey, P.K., Behera, B.K., Tyagi, A. (2026). **Fish cell lines in aquaculture and biomedical research: A global perspective on development, repositories, and multidisciplinary applications.** *Molecular Biology Reports*, **53**, 1348. <https://doi.org/10.1007/s11033-026-12550-y>
2. Kumar, A., Vimal, B., Kumar, V., Sarker, S., Roy, S., Kumari, P., Paul, T., Sahu, N., Saini, V.P. (2026). Bisphenol-A (BPA) induces cytotoxicity and oxidative stress in gill cells of zebrafish (*Danio rerio*). *Aquatic Toxicology*, **295**, 107820. <https://doi.org/10.1016/j.aquatox.2026.107820>
3. **Vimal Bhartendu**, Tripathi Gayatri, Pani Prasad K and Bedekar Megha K; **Development and partial characterization of primary cell culture from liver tissue of *Pangasianodon hypophthalmus*.** *Journal of Entomology and Zoology Studies* 2020; ISSN: 2320-7078; 8(2): 784-789
4. **Bhartendu Vimal**, Abhishek Ranjan, A. K. Singh, Deepak Agarwal, Jeena K & K. Pani Prasad (2018). **Nanoparticle based bio-barcode assay: A novel quantitative immunomagnetic reduction assay approach for disease diagnosis.** *Multilogic in Science*, vol. VIII issue special (c) pp. 35-36, Aug. 2018

5. Abhay Kumar, Gayatri Tripathi, **Bhartendu Vimal**, M. K. Bedekar & A. Pavan Kumar (2020). **Expression Study of Pluripotency Marker Genes in Gold Fish, *Carassius auratus***, *Int. J. Curr. Microbiol. App. Sci.* Volume 9 Number 4, ISSN: 2319-7706, pp. **639-649**

Other Publications

- Research Papers: 06
- Review Articles: 02
- Popular Articles: 09
- Book authored: 02
- Book Chapters written: 04
- TV/Radio Talks: 05

i10 Score:

0

H-index:

02

Total Citation:

14

Research

Ongoing Research Project

1. NIL

Completed Research Project

1. Component II: Mapping of water quality of selected water bodies of Kishanganj district of Bihar of the project entitled “Inventorization and Documentation of Aquatic Resources and Resource Users of Kishanganj District of Bihar”

Membership of Professional bodies * Three Professional Society

1. Life member of Science and Tech Society for Integrated Rural Development (S&T SIRI)
2. Life member of Society for Promotion of Farm & Companion Animals (SPFCA)
3. Member of All India Agricultural Students Association

Honour and Awards * Best Three Award

1. “**Young Scientist Award**” on the occasion of National conference on “Doubling farmers income for sustainable and harmonious agriculture”, 11-12 Aug, 2018 at Ranchi
2. Certificate of “**Best Oral Presentation**” on the research work entitled “Acute effects of neonicotinoid pesticide thiamethoxam on freshwater cyprinid zebra fish” occasion of DISHA-2019 at BAU, Ranchi
3. Awarded with **ICAR-National Talent Scholarship** under agriculture & allied subjects during 4-year UG degree programme for the year 2006-10