




**ICAR-National Bureau of Fish Genetic Resources**  
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<b>Name</b>	<b>Dr. Monika Gupta</b>	
<b>Designation</b>	Scientist (Aquaculture)	
<b>Date of birth</b>	05 June 1984	
<b>Professional experience</b>	04 years	
<b>Qualification</b>	M.F.Sc. in Aquaculture from GBPUA&T, Pantnagar Ph.D. in Aquaculture from ICAR-CIFE, Mumbai	
<b>Link to Google Scholar Page</b>	<a href="https://scholar.google.com/citations?user=Qv0tTRkAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=Qv0tTRkAAAAJ&amp;hl=en</a>	
<b>Current area of Research</b>	Fish breeding and culture, Fish diversity conservation, ornamental fish breeding	
<b>Area of Research Expertise</b>	Induced breeding of fish in captivity, Fish Reproductive biology, Assessment of fish and fisheries in open water bodies	
<b>Awards/ Recognitions</b>	Awarded ICAR-Senior research fellowship in 2010 for pursuing Ph.D. Qualified ICAR-NET (2012) in Fisheries Science and ICAR-NET (2014) in Aquaculture Associated with the Best poster award for the poster presentation on Successful artificial breeding of <i>Labeo dero</i> (Hamilton, 1822) in captivity under cold water condition, in the national conference on Hill Agriculture in Perspective held at GBPUAT, Pantnagar during 26-28 February 2016.	
<b>Publication (no.)</b>	<ul style="list-style-type: none"> <li>• <b>Research papers</b> 21</li> <li>• <b>Reviews</b> -</li> <li>• <b>Books</b> -</li> <li>• <b>Book Chapters</b> 07</li> <li>• <b>Training manual Chapters</b> 09</li> <li>• <b>Popular articles</b> 06</li> <li>• <b>Abstracts</b> 19</li> <li>• <b>Training Manual</b> 01</li> <li>• <b>Others (Extention leaflets)</b> 04</li> </ul>	
<b>Important Research Publications</b>		
<p>Alam, A., Jeetendra Kumar, D. N. Jha, S. C. S. Das, V. R. Thakur, <b>Monika Gupta</b>, and Das, B. K. (2022). Spawning Season, Fecundity, and Size at First Maturity of a Freshwater Mullet, <i>Minimugil cascasia</i> (Hamilton 1822), from subtropical River Ganga, India. <i>National Academy Science Letters</i>, 1-3. doi.org/10.1007/s40009-022-01104-y</p> <p>Alam A., D. N. Jha, S. K. Verma, H. O. Verma, S. K. Mishra, S. C. S. Das, J. Kumar, V. R. Thakur, <b>Monika Gupta</b> and B. K. Das. (2020). Length–weight relationships of four small indigenous freshwater fishes from the subtropical Ganga River, India. <i>Lakes &amp; Reserv.</i>, 00: 1– 4. <a href="https://doi.org/10.1111/lre.12337">https://doi.org/10.1111/lre.12337</a></p> <p>Alam A., V. Gopinath, D. N. Jha, J. Kumar, S.C.S. Das, K. D. Joshi, V. R. Thakur, <b>Monika Gupta</b> and B. K. Das. (2020). Maturity, breeding cycle, and fecundity of <i>Mastacembelus armatus</i> (Actinopterygii):</p>		

Synbranchiformes: Mastacembelidae) in the sub-tropical waters of the river Ganga. *Acta Ichthyologica et Piscatoria*, 50 (2): 191–199.

Alam A., V. Gopinath, D. N. Jha, K. D. Joshi, J. Kumar, S. C. S. Das, V. R. Thakur, **Monika Gupta** and B. K. Das. (2020). Food and Feeding Biology of Commercially Important Freshwater Eel, *Mastacembelus Armatus* (LACEPÈDE, 1800) from the Ganga River, India. *Oceanography & Fisheries Open Access Journal*, 11(4): 555819. DOI: [10.19080/OFOAJ.2020.11.555819](https://doi.org/10.19080/OFOAJ.2020.11.555819)

Jha, D. N., A. Alam, S. C. S. Das, V. R. Thakur, J. Kumar, **Monika Gupta**, and B. K. Das (2020). Chronological variation in landing of Indian Major Carp (IMC) of Ganga River. *World Water Policy*, 6(1), 142–151. <https://doi.org/10.1002/wwp2.12027>

Srivastava K., D. N. Jha, Sandeep Mishra, Vijay Kumar, Sushil Verma, Hari Om Verma, R. S. Srivastava, **Monika Gupta**, Jeetendra kumar, Absar Alam, K. D. Joshi and B. K. Das (2020). Impact of the dams on water and plankton quality of the River Ganga (Gangotri to Vindhyachal). *World Water Policy*. 1–15. <https://doi.org/10.1002/wwp2.12038>

Singh, R., N. N. Pandey, **Monika Gupta** and A. K. Singh (2020). Advancement in spawning period of *Labeo dyocheilus* (McClelland, 1839) in the mid Himalayan regions by hormonal manipulation using Ovatide. *Indian Journal of Fisheries*, 67(3), 164-167. DOI: 10.21077/ijf.2020.67.3.88302-19

**Monika Gupta**, Tiwari V.K., Pandey N.N., Singh R., Chaturvedi, C.S. and Prakash, C. (2019). Optimization of stocking density for successful larval rearing of *Labeo dyocheilus* in coldwater condition. *Journal of the Inland Fisheries Society of India*. 50: 58-62.

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Pandey, N. N., **Monika Gupta**, Singh, R., Ali, S., Haldar, R. S., Kumar, P., and Singh, A. K. (2017). Breeding performance of indigenous carp, *Labeo dero* in captivity under cold water condition of Uttarakhand, India. *Journal of Environmental Biology*, 38(5):771-775.

NK Sharma, R Singh, **Monika Gupta**, NN Pandey, VK Tiwari (2016). Length–weight relationships of four freshwater cyprinid species from a tributary of Ganga River Basin in North India., *Journal of Applied Ichthyology*, 32(3), 497-498.

Singh R., Tiwari V.K., Pandey N.N., **Monika Gupta**, Babitha Rani, A.M. and Prakash, C. (2014). Estimation of gonado-somatic index fecundity of *Chagunius chagunio* (Hamilton-Buchanan, 1822). *Journal of Environment and Bio-Science*. 28 (2): 337-340.

N.N.Pandey, R.S. Haldar, **Monika Gupta** and Raghvendra Singh (2014). Study of Gonado-somatic Index and absolute fecundity of *Labeo dero* (Hamilton, 1822). *Journal of Sustainable Environmental Research*, 3(1): 47–50.

Raghvendra Singh, N. N. Pandey and **Monika Gupta** (2013). Haematological changes in Common carp (*Cyprinus carpio*) and Rainbow trout (*Oncorhynchus mykiss*), infected with *Saprolegnia* spp. *Israeli Journal of Aquaculture*. 65:1-4.

**Monika Gupta**, N.N.Pandey, V. K. Tiwari, R. Singh, P. Kumar, R.S. Haldar, S. Ali, S. Kumar and A. Pandey (2013). Effects of different temperatures on incubation period, hatching rate, survival and growth of *Labeo dyocheilus* larvae. *J. Ecophysiol. Occup. Hlth.*, 1 & 2: 59-62.

**Monika Gupta**, N.N.Pandey, V. K. Tiwari, Raghvendra Singh, Chandra Prakash and C.S. Chaturvedi (2013). Study of Gonadosomatic Index and fecundity of pond raised *Labeo dyocheilus* in cold water conditions. *International Journal of Advance Research*. 1(7):137-140.

**Monika Gupta**, Upadhyay, A. K., Pandey, N. N., & Kumar, P. (2013). Evaluation of fish curry from farmed and wild caught Indian major carps of Tarai Region, Uttarakhand. *Fishery Technology* 50 (2013): 60 – 65

**Monika Gupta**, Upadhyay, A. K., & Pandey, N. N. (2013). Comparative organoleptic quality of Indian major carps collected from pond and reservoir. *Journal of Environmental Biology*, 34(4), 765-769.