



National Bureau of Fish Genetic Resources
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Name	Dr. Rejani Chandran	
Designation	Scientist	
Date of Birth	15-10-1985	
Year of experience	9	
Qualification	Ph.D. Fisheries Resource Management	
Current research area	Taxonomy, Biodiversity and Fish Biology Studies	
Area of Research Expertise	Fisheries Resource management	
Awards/Recognitions:	• Dr. Hiralal Choudhary Gold Medal Award (2009-11) for securing the first position in the M.F.Sc. (Fisheries Resource Management) in ICAR-CIFE • ICAR-NBFGR Best Performer Award (2019-20)	
Publications:	Research papers: 18 Policy Document: 1 Books: 2 Popular articles: 5 Abstracts: 15	

Important Research Publications:

1. **Rejani Chandran**, Singh A, Singh RK, Mandal S, Ganesan K, Sah P, Paul P, Pathak A, Dutta N, Sah R, Lal KK, Mohindra V. 2022. Phenotypic variation of *Chitala chitala* (Hamilton, 1822) from Indian rivers using truss network and geometric morphometrics. PeerJ 10: e13290
2. G. Kantharajan, Ajay Kumar Yadav, **Rejani Chandran**, Rajeev K. Singh, Vindhya Mohindra, P. Krishnan, Kundan Kumar, S.P. Shukla and Kuldeep K. Lal, 2022. Impact of terrestrial protected areas on the fish diversity and habitat quality: Evidence from tropical river Pranhita, India. Journal for Nature Conservation, 68: 126187
3. Rajesh Dayal, K. K. Lal, Vindhya Mohindra, **Rejani Chandran** and Akhand Pratap Singh, 2022. Radiographic Techniques in Fish Osteological Studies. J. Exp. Zool. India., 25(1): 459-461
4. P Krishnan, G Kantharajan, **Rejani Chandran**, A Anand and Vindhya Mohindra, 2022. Geo-Spatial Tools for Science-Based Management of Inland Aquatic Habitats and Conservation of Fish Genetic Resources. Indian J. Plant Genet. Resour. 35(3): 381-388
5. Sheena Jose, Purushothaman Paramasivam, **Rejani Chandran**, Bharathi S., Dhinakaran A., Ajith Kumar T. T. and Kuldeep K. Lal, 2021. Two new distributional record of *Palemonella Dana*, 1852 shrimps (Decapoda: Caridea: Palemonidae) from Lakshadweep Islands, India. Nauplius, 29: e2021049.
6. **Rejani Chandran**, A. K. Jaiswar, Sudhir Raizada, Sangeeta Mandal, Trivesh S. Mayekar, A. S. Bisht, Sanjay K. Singh. Vindhya Mohindra, Kuldeep K. Lal and L. K.

- Tyagi, 2021. Plankton dynamics and their relationship with environmental factors shape fish community structure in fluvial ecosystem: A case study. *Indian J. Fish.*, 68(4): 1-13.
7. L.K. Tyagi, **Rejani Chandran**, Sangeeta Mandal, Trivesh S. Mayekar, Amit Singh Bisht Sanjay Kumar Singh and Kuldeep Kumar Lal, 2021. A checklist of fishes of Mahanadi river, India. *Journal of Indian Fisheries Association*, 48 (1):1-11.
 8. **Chandran, Rejani.**, Rajeev K. Singh, Achal Singh, Pradipta Paul, Rama Shankar Sah, Rajesh Kumar, Vindhya Mohindra and Kuldeep Kumar Lal, 2020. Spatio-temporal variation in length-weight relationship and condition factor in two notopterids, *Chitala chitala* (Hamilton, 1822) and *Notopterus notopterus* (Pallas, 1769). *Indian Journal of Fisheries*, 67(2): 120-124.
 9. Jotsnarani Biswal, Rajeev K. Singh, Sangeeta Mandal, **Chandran, Rejani**, Achal Singh, Priyanka Sah, Kuldeep Kumar Lal, J. K. Jena and Vindhya Mohindra, 2020. Intraspecific phenotype variations in olive barb *Systemus sarana* (Hamilton, 1822) population from different rivers is possibly linked to locomotive adaptations in caudal fin. *Indian Journal of Fisheries*, 67(3): 18-28.
 10. Tyagi, L.K., **Chandran, Rejani**, Mandal, Sangeeta, Mayekar, Trivesh., Bisht, A.S. and Singh, S.K. 2020. People's Perception on the status of Fisheries Resources and Habitats in Mahanadi River Basin. *Journal of Community Mobilization and Sustainable Development*. 15(1):39-48.
 11. Singh, Indra., Deb, Rajib., Kumar, Sanjeev., Singh, Rani., Andonissamy, Jerome., Smita, Shuchi., Sengar, G.S., Kumar, Rajiv., Ojha, K.K., Sahoo, N.R., S, Murali., **Chandran, Rejani.**, Lal, S.B., Mishra, D.C. and Rai, Anil. 2019. Deciphering Foot-and-Mouth Disease (FMD) virus-host Tropism. *Journal of Biomolecular Structure and Dynamics*. DOI:10.1080/07391102.2019.1567386.
 12. **Chandran, Rejani.**, Tyagi, L.K., Jaiswar, A.K., Raizada, Sudhir., Mandal, Sangeeta, Mayekar, Trivesh., Bisht, A.S., Singh, S.K. and Lakra, W. S., 2019. Diversity and distribution of Fish Fauna in Ib River, a Tributary of Mahanadi. *Indian Journal of Fisheries*, 66(1): 92-98.
 13. **Chandran, Rejani.**, Tyagi, L.K., Jaiswar, A.K., Raizada, Sudhir., Mandal, Sangeeta, Mayekar, Trivesh., Bisht, A.S. and Singh, S.K. 2018. Fisher's Outlook and Perception towards Fishery Resources of River Ib. *Journal of Community Mobilization and Sustainable Development*. 13(1):79-83.
 14. **Chandran, Rejani.**, Jaiswar, A.K., Jahageerdar S., Poojary N. and Chakraborty, S. K., 2014. A study on the reproductive biology of *Boleophthalmus boddarti* from Mumbai region. *Journal of Indian Fisheries Association*, 41:57-69.