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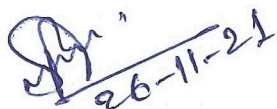
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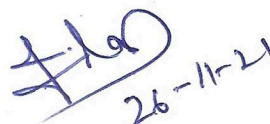
November 26, 2021

Certificate

This is to certify that the work described in the thesis entitled *Nutritional Analysis and Metagenomics Study of Candidate Fish Species of Cyprinidae Family from Hel River, Assam* was carried out by Mrs. Arjina Parbin Sarkar in the Department of Biotechnology, Bodoland University, Kokrajhar, under the guidance and supervision of Prof. Sanjay Basumatary and Prof. Sandeep Das (Co-Supervisor). Mrs. Arjina Parbin Sarkar has fulfilled all the requirements under Ph.D. rules and regulations of Bodoland University for submitting her thesis for the award of Ph.D. degree. The thesis is the result of her own-investigation, and no part of the thesis is submitted for any other degree or diploma to this or any other university.


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