



**DEPARTMENT OF BIOTECHNOLOGY  
BODOLAND UNIVERSITY**

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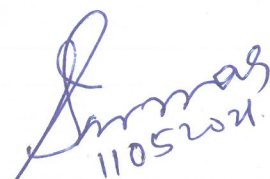
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**CERTIFICATE**

This is to certify that the thesis entitled “**A Study on Fish-Aquatic Food Crops Diversity for Enhancement of Productivity of Kalpani Beel and Production of Organic Fish Food by Biotechnological Approach**”, which has been submitted by Sri Jabin Chandra Ray for the award of the degree of Doctor of Philosophy under Bodoland University is a record of original research works carried out by him under my direct guidance and supervision. He has fulfilled all the requirements for submitting the thesis.

The results embodied in the Thesis have not been submitted to any other University or Institution for the award of any degree or diploma.

  
**DR. JATIN SARMAH**  
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