



**TEZPUR UNIVERSITY**  
(A Central University established by an Act of Parliament)  
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### **CERTIFICATE OF THE PRINCIPAL SUPERVISOR**

This is to certify that the thesis entitled “**Identification and characterization of thrombin inhibitors from the salivary gland of tick (*Haemaphysalis bispinosa*)**” submitted to the School of Sciences, Tezpur University in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology, is a record of original research work carried out by **Mr. Rajeev Kungur Brahma** under my personal supervision and guidance.

All helps received by him from various sources have been duly acknowledged. No part of this thesis has been reproduced elsewhere for award of any other degree.

**Date:**

**(R. Doley)**

**Place:**

Principal Supervisor



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## **CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC**

This is to certify that the thesis entitled “**Identification and characterization of thrombin inhibitors from the salivary gland of tick (*Haemaphysalis bispinosa*)**” submitted by **Mr. Rajeev Kungur Brahma** to the School of Sciences, Tezpur University in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology has been examined by us on \_\_\_\_\_ and found to be satisfactory.

The Committee recommends for the award of the degree of Doctor of Philosophy.

**Signature:**

**Principal Supervisor**

**Date:**

**External Examiner**

**Date:**