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## **CERTIFICATE OF THE SUPERVISOR**

This is to certify that the thesis entitled, “**Development of a Polypyrrole Supported Electrochemical Biosensor for Organophosphorous and Organocarbamate Pesticides**” submitted to the School of Sciences, Tezpur University in partial fulfilment of the requirements for the award of the degree Doctor of Philosophy in Chemical Sciences (School of Science and Technology) is a record or research work carried out by Ms. Rekha Rani Dutta under my supervision and guidance. She has complied with all the requirements as laid down in the regulations of Tezpur University for the award of Doctor of Philosophy in Chemical Sciences (School of Sciences) including course work.

All help received by her from various sources have been duly acknowledged.

No part of this thesis has been submitted elsewhere for award of any other degree or diploma of this or any other university/institution other than mentioned.

Date:

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**CERTIFICATE FROM THE EXTERNAL EXAMINER AND ODEC**

This is to certify that the thesis entitled “**Development of a Polypyrrole Supported Electrochemical Biosensor for Organophosphorous and Organocarbamate Pesticides**” submitted by Ms. Rekha Rani Dutta to Tezpur University in the Department of Chemical Sciences under the school of Sciences in partial fulfillment of requirements for the award of the degree of Doctor of Philosophy in Chemical Sciences has been examined by us on \_\_\_\_\_ and found to be satisfactory.

**Signature of:**

Principal Supervisor

Date: \_\_\_\_\_

External Examiner

Date: \_\_\_\_\_