

## **DECLARATION BY THE CANDIDATE**

The thesis entitled “*Development of Jatropha curcas oil based alkyd resins for effective surface coating and composite materials*” is being submitted to the Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in *Chemical Sciences* is a record of bonafide research work accomplished by me under the supervision of *Prof. S.K. Dolui*.

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

**Date:**

**Place: Tezpur**

**Pronob Gogoi**

**Dept. of Chemical Sciences**

**Tezpur University**



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## CERTIFICATE OF THE PRINCIPAL SUPERVISOR

This is to certify that the thesis entitled “*Development of Jatropha curcas oil based alkyd resins for effective surface coating and composite materials*” submitted to the School of *Sciences*, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in *Chemical Sciences* is a record of research work carried out by *Mr. Pronob Gogoi* under my supervision and guidance.

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

**Date:**

**Place: Tezpur**

**S. K. Dolui**

**Professor**

**School of Sciences**

**Dept. of Chemical Sciences**

**Tezpur University**



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## CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC

This is to certify that the thesis entitled “*Development of Jatropha curcas oil based alkyd resins for effective surface coating and composite materials*” submitted by **Mr. Pronob Gogoi** to Tezpur University in the *Department of Chemical Sciences* under the school of *Sciences* in partial fulfillment of the requirement 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

External Examiner

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