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## CERTIFICATE

This is to certify that the thesis entitled “*Development of tough hyperbranched epoxy nanocomposites*” submitted to the Tezpur University in the Department of Chemical Sciences under the School of Sciences, in partial fulfilment for the award of the Degree of Doctor of Philosophy in Science, is a record of research work carried out by Bibekananda De 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.

Place: Tezpur University, Tezpur

(Dr. Niranjana Karak)

Professor

Date:

Department of Chemical Sciences

School of Sciences

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

Principal Supervisor

External Examiner

Date:

Date: