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CERTIFICATE OF THE PRINCIPAL SUPERVISOR

This is to certify that the thesis entitled “**Study of Chemopreventive and Anticancer efficacy of *Nyctanthes arbor-tristis* Linn. and *Phlogacanthus thyrsoiflorus* Nees. using pre-clinical cancer model**” submitted to the School of Sciences, Tezpur University in partial fulfillment 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. Anowar Hussain** under my personal supervision and guidance jointly, with Dr. Ashu Bhan Tiku, Assistant Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi (India).

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.

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This is to certify that the thesis entitled “**Study of Chemopreventive and Anticancer efficacy of *Nyctanthes arbor-tristis* Linn. and *Phlogacanthus thyrsoiflorus* Nees. using pre-clinical cancer model**” submitted to the School of Sciences, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology is a record of research work carried out by **Mr. Anowar Hussain** under my personal supervision and guidance, jointly with Dr. Anand Ramteke, Associate Professor, Department of Molecular Biology and Biotechnology, Tezpur University, Assam (India).

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Place: New Delhi (India)


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CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC

This is to certify that the thesis entitled “**Study of Chemopreventive and Anticancer efficacy of *Nyctanthes arbor-tristis Linn.* and *Phlogacanthus thyrsoflorus Nees.* using pre-clinical cancer model**” submitted by Mr. Anowar Hussain to Tezpur University in the Department of Molecular Biology and Biotechnology under the School of Sciences in partial fulfillment of the requirement 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 of:

Principal Supervisor

Co-supervisor

External examiner

Date:

Date:

Date: