

तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम दवारा स्थापित केंद्रीय विश्वविदयालय)

(A Central University established by an Act of Parliament) तेजपुर – 784028 :: असम / TEZPUR – 784028 :: ASSAM

Dr. B. K. Konwar, Ph.D. (London), DIC (Imperial) Professor Presently Vice Chancellor

Nagaland University (Central)

Phone: +91-3712-275402(O) +91-9436604555(M) Fax: +91-3712-267005/6

Email:bkkon@tezu.ernet.in vicechancellornu@yahoo.co.in

CERTIFICATE OF THE PRINCIPAL SUPERVISOR

This is to certify that the thesis entitled "Metagenomics in the production of industrially important cellulase" submitted to the School of Sciences, Tezpur University in partial fulfilment 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. Yasir Bashir 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: (Prof. B. K. Konwar)

Place: Tezpur, Assam