



TEZPUR UNIVERSITY

(A Central University by an Act of Parliament)

Napaam, Tezpur-784028

DISTRICT: SONITPUR::ASSAM::INDIA

Supervisor:

Ph. 03712-27-5556 (O), 9435014377 (M)

Fax: 03712-267005/6

Email: gazi@tezu.ernet.in

CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled "*Structural, optical and photocatalytic properties of ternary compound transition metal dichalcogenide nanoparticles*", being submitted to Tezpur University in requirement of partial fulfillment for the award of the degree of Doctor of Philosophy in Physics is a record of research work carried out by Mr. Debabrat Kalita under my supervision and guidance.

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

Supervisor

(Gazi A. Ahmed)
Associate Professor
Department of Physics
Tezpur University

Date:

Place: Tezpur



TEZPUR UNIVERSITY
(A Central University by an Act of Parliament)
Napaam, Tezpur-784028
DISTRICT: SONITPUR::ASSAM::INDIA

Ph. 03712-267004 (O) Fax: 03712-267005 Email: adm@tezu.ernet.in

CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC

This is to certify that the thesis entitled "*Structural, optical and photocatalytic properties of ternary compound transition metal dichalcogenide nanoparticles*", being submitted by Mr. Debabrat Kalita to Tezpur University in the **Department of Physics** under the **School of Sciences** in requirement of partial fulfillment for the award of the degree of Doctor of Philosophy in **Physics** has been examined by us on _____ and found to be satisfactory.

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

Supervisor

(**Dr. Gazi A. Ahmed**)

External Examiner

(_____)

Date: _____

Date: _____