



TEZPUR UNIVERSITY
(A Central University established by an Act of Parliament)
DEPARTMENT OF PHYSICS
TEZPUR-784028, Assam, India

Dr. D. Mohanta
Associate Professor
E-mail: best@tezu.ernet.in

Ph. No.:+ 03712-267008(O) 5558
Fax: +91-3712-267006

CERTIFICATE OF THE PRINCIPAL SUPERVISOR

This is to certify that the thesis entitled “*Investigation of photocatalytic, photoluminescence and mechanical properties of tungsten disulphide (WS₂) nanosystems along with irradiation induced modifications*” submitted to the School of Sciences, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in Physics, is a record of research work carried out by **Mr. Saurabh Jyoti Hazarika** 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:

(D. Mohanta)

Place:

Principal Supervisor



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

DISTRICT: SONITPUR:: ASSAM:: INDIA

Napaam, Tezpur-784028

Fax: 03712-267006 Ph: 03712-267004 email : adm@agnigarh.tezu.ernet.in

CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC

This is to certify that the thesis entitled “*Investigation of photocatalytic, photoluminescence and mechanical properties of tungsten disulphide (WS₂) nanosystems along with irradiation induced modifications*” submitted by Mr. Saurabh Jyoti Hazarika to Tezpur University in the Department of Physics under the school of Sciences in partial fulfillment of the requirement for the award of the degree of Doctor of Philosophy in Physics has been examined by us on _____ and found to be satisfactory.

Principal Supervisor

External Examiner

(D. Mohanta)

()

Date: