Department of Physics:: Tezpur University

Dr.Shymal Kr.Das
Assistant Professor,
Deptt. Of Physics



P.O.: Napaam, Tezpur Sonitpur-784 028 Assam, India

CERTIFICATE

This is to certify that the project report entitled "Tunable optical properties of ZnO via doping lithium, manganese and iron" being submitted by AJNUR HAQUE, Roll no. PHN11012 to Department of Physics, Tezpur University, in fulfillment of the requirements for the award of the degree of Master of Science in Nano science and Nano technology, is a record of original bonafide work carried out by him. He has worked under my supervision and has fulfilled the requirements for the submission of the report.

He was very hard working throughout the project and I wish him success in life.

Date: 29th May 2013.

Dr.Shymal Kr. Das

Asst. professor

Dept. of Physics

Tezpur University

DECLARATION

I hereby declare that that the project report "Tunable optical properties of ZnO via doping lithium, manganese and iron" being submitted to Department of Physics, Tezpur university in partial fulfillment of the requirement for the award of the degree of M.Sc., has previously not formed the basis for any degree, diploma, fellowship or other similar title

Date: 29 th Morg. 2013.

Ajnurhaque AJNUR HAQUE

PHN 11012

Department of Physics

Tezpur University

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AJNUR HAQUE