



# Tezpur University

Napaam, Tezpur-784028

Sonitpur District, Assam

## CERTIFICATE

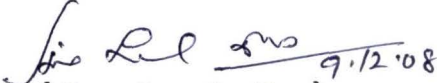
This is to certify that this dissertation entitled "A Study on Dependence of Nano Sized Grains on Thickness in Thermally Deposited Copper Thin Films and a Comparative Study with Silver Thin Films" submitted by *MR. NARANG BAKHANG SHA, M. Sc. Physics 3<sup>rd</sup> Semester, Roll No. PHY07 012*, in partial fulfillment of the requirement of the Master of Science in Physics is a bona fide record of the work carried out by him in the Deptt. Of Physics, Tezpur University under my guidance and supervision.

He has carried out the work of this project with zeal and sincerity. I wish him all success in life.

Date : 9.12.08

Place : Tezpur University

### GUIDE:

  
(Dr. H. L. Das)

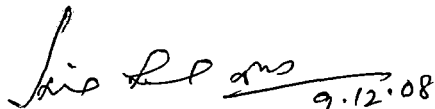
Visiting Professor

Department Of Physics

Tezpur University, Na Paam

## DECLARATION

*I hereby declare that this dissertation is the result of my own project work, carried out by me under the supervision of my project guide Prof. H. L. Das, Visiting Professor, Department Of Physics, Tezpur University, Tezpur. Also I declare that this report as a whole or any part of thereof has not been submitted by me for the award of any degree to this university or any other university or institution.*

  
(Prof. H. L. Das) 9.12.08

*Visiting Professor  
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(Narang B. Sha) 09.12.08

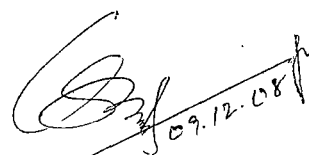
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## ACKNOWLEDGEMENT

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