



## TEZPUR UNIVERSITY

Department of Electronics and Communication Engineering

Dr. Jiten Ch. Dutta  
(Professor)

Phone: +91 3712-275256  
Email: jitend@tezu.ernet.in

### CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled, “**Fabrication and characterization of enzyme field effect transistors (ENFETs) for cholesterol and acetylcholine detection**” submitted to the School of **Engineering**, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in **Electronics & Communication Engineering** is a record of research carried out by Mr. **Md. Abdul Barik** under my supervision and guidance.

All helps 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.

Signature of Supervisor:

Co-Supervisor: N/A

Designation: **Professor**

Designation: N/A

School: **Engineering**

Affiliation: N/A

Department: **Electronics & Communication Engineering**