

Declaration

I hereby declare that the thesis entitled “**Biologically functionalized Poly(3,4-ethylenedioxythiophene) based nanocomposite electrodes with enhanced electrocatalytic activity for biosensing applications**”, submitted to the School of Sciences, Tezpur University in partial fulfillment of the requirements for the award of the Doctor of Philosophy in Physics, is a record of original research work carried out by me. Any text, figures, theories, results or designs that are not of my own creation are appropriately referenced in order to give owing credit to the original author(s). All the sources of assist have been assigned due acknowledgement. I also declare that neither this work as a whole nor a part of it has been submitted to any other university or institute for any degree, diploma, fellowship or any other similar title or recognition.

Date:

Place: Tezpur

(Arati Sharma)

Department of Physics

School of Sciences

Tezpur University

Tezpur-784028, Assam, India