

DECLARATION BY THE CANDIDATE

The thesis entitled “*An investigation of Structural and Optical Properties of various Oxide-oxide and Sulfide-sulfide Core-Shell Nanocomposites to gauge potential applications in Photocatalysis and Photovoltaics*” is being submitted to the Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in **Physics** is a record of bonafide research work accomplished by me under the supervision of Prof. A. Choudhury.

All helps received from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any other degree.

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