

Declaration

I hereby declare that the thesis entitled “*Design of smartphone platform sensing systems for affordable water quality monitoring and optical interferometric based metrological 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, has been carried out by me at Department of Physics, Tezpur University, Assam, India, under the supervision of Dr. P. Nath (Research Supervisor). This work is original and has not been submitted in part or full in any other university or institute for any degree, diploma, associateship, fellowship or any other similar title or recognition.

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