

DECLARATION

I declare that this thesis entitled “**PROBING THE SOURCES OF COSMIC RAYS WITH HIGH ENERGY GAMMA RAYS AND NEUTRINOS**” has been prepared by me under the guidance of **Dr. Arunava Bhadra**, Senior Research Physicist and **Dr. Samir Kumar Sarkar**, Jt Senior Scientific Research Officer of **High Energy & Cosmic Ray Research Centre, University of North Bengal**. No part of this thesis has formed the basis for the award of any degree or fellowship previously.

Date: ...!4... December 2017

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