

DECLARATION

I declare that the thesis entitled “**SEARCH FOR SOME OBSERVATIONAL SIGNATURES OF GENERAL RELATIVITY**” has been prepared by me under the guidance of **Dr. Arunava Bhadra, Senior Research Physicist High Energy and Cosmic Ray Research Centre, University of North Bengal, West Bengal**. No part of the thesis has formed the basis for the award of any degree or fellowship previously.



Tamal Sarkar

High Energy and Cosmic Ray Research Centre

& Department of Physics,

University of North Bengal,

Dist. Darjeeling, Pin-734013

West Bengal

India

Date : 19/07/2017