DECLARATION

I declare that this "INFLUENCES OF DARK SECTOR ON LOCAL GRAVITATIONAL PHENOMENA" has been prepared by me under the guidance of Prof. Amitabha Mukhopadhyay, Senior Professor of Department of Physics, University of North Bengal and Dr. Arunava Bhadra, Senior Research Physicist 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.

Dated: ... <u>6</u>. July, 2020.

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