

## DECLARATION

I declare that the thesis entitled “**PULSE PROFILE STUDIES AND HARD X-RAY PROPERTIES OF NEUTRON STARS**” has been prepared by me under the joint guidance of **Dr. Bikash Chandra Paul**, Professor, Department of Physics, University of North Bengal, West Bengal and **Dr. Biswajit Paul**, Professor, Astronomy and Astrophysics Group, Raman Research Institute, Bengaluru. No part of the thesis has formed the basis for the award of any degree or fellowship previously.

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