

DECLARATION

I declare that the thesis entitled “**A THEORETICAL INVESTIGATION ON SPIN WAVE INSTABILITY AND MAGNON MEDIATED SUPERCONDUCTIVITY**” has been prepared by me under the joint supervision of Prof. Bikash Chandra Paul, Department of Physics, University of North Bengal and Prof. Anirban Misra, Department of Chemistry, University of North Bengal.

No part of the thesis has formed the basis for the award of any degree or fellowship previously.



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