## **DECLARATION**

I declare that that the thesis entitled "A STUDY OF SOME NON-LINEAR PARTIAL DIFFERENTIAL EQUATIONS FROM FIELD THEORY" has been prepared by me under the guidance of Supervisor Dr. Pranab Krishna Chanda, Retired Principal, Siliguri B.Ed College and Co-Supervisor Dr. Dhurjati Prasad Datta, Retired Professor, Department of Mathematics, University of North Bengal. No part of this thesis has formed the basis for the award of any degree or fellowship previously.

Indravil Mitra

(Indranil Mitra)

Department of Mathematics,

University of North Bengal

Raja Rammohunpur,

P.O- N.B.U

**DIST:- Darjeeling** 

PIN:-734014

DATE: - 23 04 2018