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I, **Rishikesh Pandey**, a research scholar under the supervision of **Dr. Akhilesh Kumar Singh**, Assistant Professor, School of Materials Science and Technology, Indian Institute of Technology, Banaras Hindu University give undertaking that the thesis entitled “**Studies on $(1-x)\text{Bi}(\text{Ni}_{1/2}\text{Ti}_{1/2})\text{O}_3-x\text{PbTiO}_3$ based Multiferroic Solid Solutions and Composites**” submitted by me for the degree of **Doctor of Philosophy** is a record of first-hand research work done by me during the period of study.

I avail myself to responsibility such as an act will be taken on behalf of me, mistakes, errors of facts, and misinterpretations are of course entirely my own.

Date.....

Place: Varanasi

(Rishikesh Pandey)



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Title of the Thesis: “**Studies on (1-x)Bi(Ni_{1/2}Ti_{1/2})O₃-xPbTiO₃ based Multiferroic Solid Solutions and Composites**”

Candidate's Name: **Rishikesh Pandey**

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