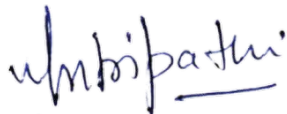


CERTIFICATE

This is to certify that the thesis entitled “Multiferroic materials and its application” submitted by Mr. **TRIVENDRA SAHU** in partial fulfillments for the award of Master of Science Degree in Physics department at Guru Ghasidas Vishwavidyalaya ,Bilaspur(C.G.) is an authentic work carried out by him under my guidance.

To the best of my knowledge and belief of the project :

- The work of the candidate him/herself has not been submitted for the award of any degree.
- Has duly been completed
- Full fills the requirement of the ordinance relating to the M.Sc. degree of university &
- Is up to the desired standard in respect of contents and is being referred to the examiners.



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Signature of the Guide

**Dr. Goverdhan Reddy
Turpu**