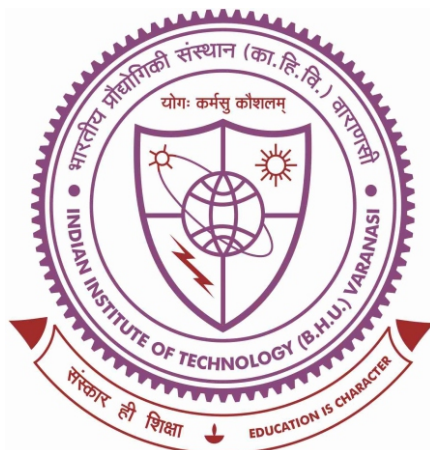


**MAGNETIC TRANSITIONS IN BiFeO_3 AND $\text{Ca}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$ WITH
AND WITHOUT SUBSTITUTIONAL DISORDER**



**Thesis submitted in partial fulfillment for the
Award of Degree**

Doctor of Philosophy

By

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