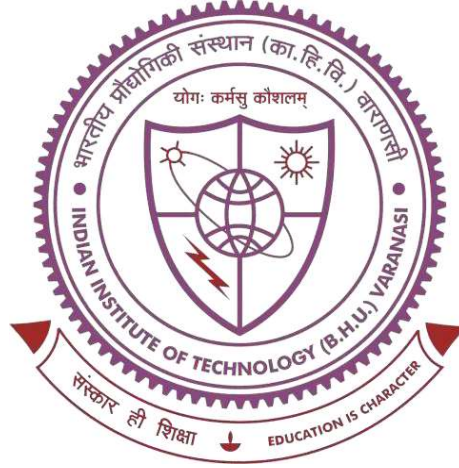


**Structure and Multifunctional Properties of Hafnium
Oxide Nanoparticles and Thin Films for Sensing and
Resistive Switching Performance**



**Thesis submitted in partial fulfilment for the
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DOCTOR OF PHILOSOPHY

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