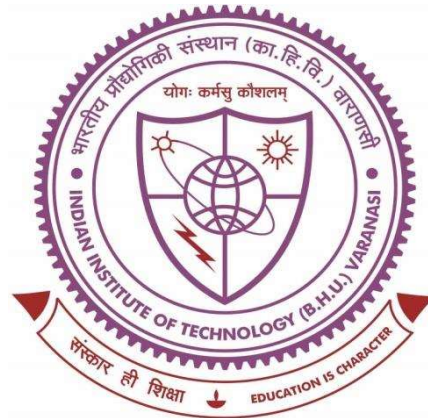


Fabrication and Characterization of Some TiO₂ Thin Films and Colloidal ZnO Quantum Dots Based Hydrogen Sensors



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

Doctor of Philosophy

**By
Smrity Ratan**

**DEPARTMENT OF ELECTRONICS ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)
VARANASI – 221005
INDIA**