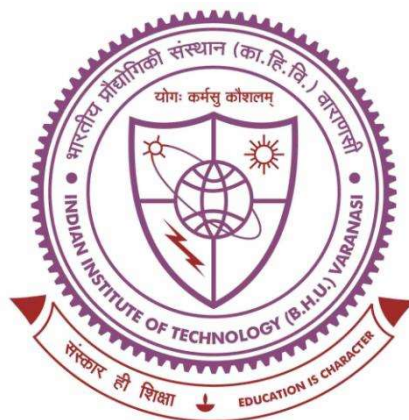


**MODELLING AND MONITORING OF BACKSCATTERING FOR
BIOPHYSICAL PARAMETER AND SOIL MOISTURE RETRIEVAL
USING MULTI - SENSOR SATELLITE DATA**



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

**By
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