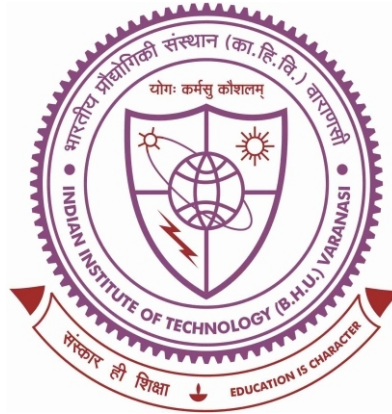


**Regional Meteorological Drought Characterization using  
Standard Drought Indices under Observed and Changing  
Climate Scenarios over Uttar Pradesh, India**



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

**By**

***Shivani Gond***

**DEPARTMENT OF CIVIL ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY  
(BANARAS HINDU UNIVERSITY)  
VARANASI- 221005  
INDIA**

**Roll No. 16061019**

**Year 2022**