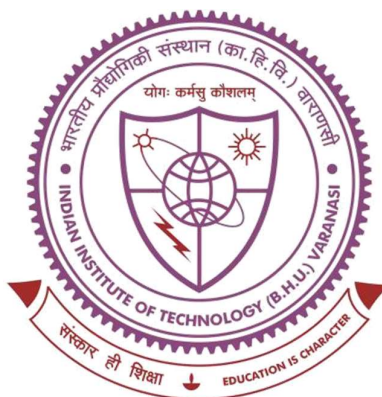


**PROTECTIVE ROLE OF SITAGLIPTIN IN THE  
TREATMENT OF OBESITY AND ASSOCIATED  
METABOLIC COMPLICATIONS IN ANIMAL  
MODEL OF HIGH-FAT DIET-INDUCED OBESITY**



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

**Doctor of Philosophy**

**By**

***Swati Prakash***

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

**Roll No- 14161011**

**Year 2021**