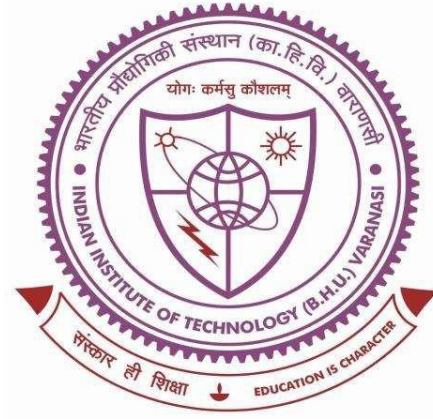


# Design and Development of Dual-Band Antenna and RF Rectifier System for Wireless Capsule Endoscopy



Thesis submitted in partial fulfilment for the  
Award of Degree

**Doctor of Philosophy**

By

*Rahul Dubey*

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

Roll No: 17091020

2023