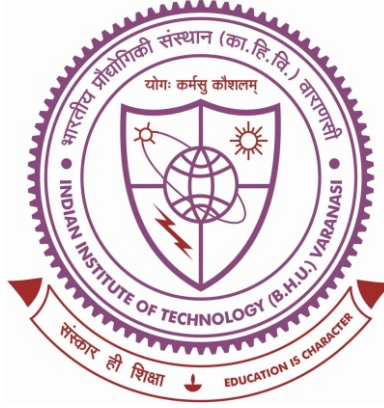


# Interferometry with low coherent light and vortices: New experimental designs and results



Thesis submitted in partial fulfillment for the  
Award of Degree

**Doctor of Philosophy**

By

***Akanksha Gautam***

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

**Roll No. 19171013**

**Year 2024**