## Design, Analysis, and Performance Improvement of the HPM Oscillator Reltron



## Thesis submitted in partial fulfillment for the Award of Degree

**Doctor of Philosophy** 

by

Soumojit Shee

DEPARTMENT OF ELECTRONICS ENGINEERING INDIAN INSTITUTE OF TECHNOLOGY (BANARAS HINDU UNIVERSITY) VARANASI – 221 005

ROLL NO: 17091027 2020