## Reconfigurable Intelligent Surface Assisted NOMA for Next-Generation Wireless Communications



Thesis submitted in partial fulfillment for the Award of Degree

## Poctor of Philosophy

 $\mathbf{b}\mathbf{y}$ 

M Hemanta Kumar

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

ROLL NO: 19091006 2022