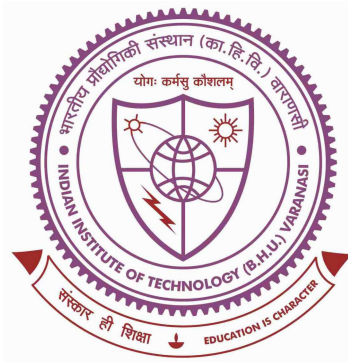# Vector Framework based Stability and Stabilization of Nonlinear Dynamical Systems

Thesis submitted in partial fulfillment

for the award of degree

Doctor of Philosophy

by

Bhawana Singh

DEPARTMENT OF ELECTRICAL ENGINEERING

Indian Institute of Technology

(Banaras Hindu University)

Varanasi