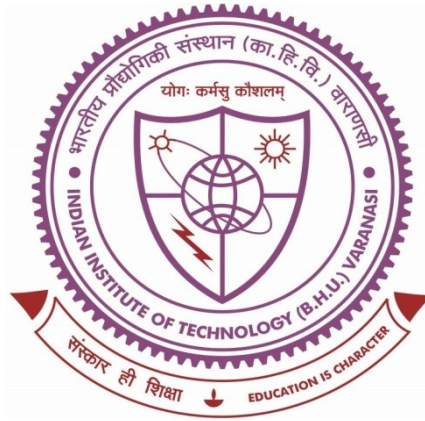


STUDIES ON SPARSE ARRAY ANTENNAS FOR RADAR APPLICATIONS



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

DOCTOR OF PHILOSOPHY

by

Veer Singh Gangwar

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