

**BEHAVIOUR OF COLD-FORMED STEEL
BEAM WITH CONCRETE ENCASED
TRAPEZOIDALLY CORRUGATED WEB**

A THESIS

Submitted by

DIVAHAR R

*in partial fulfilment for the award of the degree
of*

DOCTOR OF PHILOSOPHY



**HINDUSTAN
UNIVERSITY**
HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

**DEPARTMENT OF CIVIL ENGINEERING
HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE
CHENNAI 603 103**

APRIL 2015