



DEPARTMENT OF CIVIL ENGINEERING

INDIAN INSTITUTE OF TECHNOLOGY

(BANARAS HINDU UNIVERSITY)

ANNEXURE-E

CANDIDATE'S DECLARATION

I, *Sabita Madhvi Singh*, certify that the work embodied in this Ph. D. thesis is my own bonafide work carried out by me under the supervision of *Dr. P. R. Maiti*, for a period of 3 year 8 months from *January, 2011* session to *December, 2014* session at *Department of Civil Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi*. The matter embodied in this Ph. D. thesis has not been submitted for the award of any other degree/diploma.

I declare that I have faithfully acknowledged, given credit to and referred to the research workers whenever their works have been cited in the text and the body of the thesis. I further certify that I have not willfully lifted up some other's work, para, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc., or available at web-sites and included them in this Ph. D. thesis and cited as my own work.

Date - 12/8/2014

Place: Varanasi

(Signature of the candidate)

Sabita Madhvi Singh

(Name of the candidate)

(Name of the candidate)