

DECLARATION BY THE CANDIDATE

I, **Miss Sonam**, certify that the work embodied in this Ph.D. thesis is my own bonafide work and carried out by me under the supervision of **Dr. (Mrs.) S. Hemalatha** for a period of about **4 years 3 month from August, 2013 to November, 2017** at the **Department of Pharmaceutics, 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 and given credit to the research workers wherever their works have been cited in my work in this thesis. I further declare that, I have not willfully copied any other's work, paragraphs, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, theses, etc., or available at web-sites and have not included them in this Ph.D. thesis and have not cited as my own work.

Date: November 15th, 2017

Place: IIT (BHU), Varanasi

(Miss Sonam)

CERTIFICATE BY THE SUPERVISOR AND HEAD OF THE DEPARTMENT

It is certified that the above statement made by the student is correct to the best of our knowledge.

(Dr. (Mrs.) S. Hemalatha)

Supervisor

Head of the Department