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I, **Ajit Kumar Thakur**, declare that the work embodied in this Ph.D. thesis is my own bonafide work carried out by me under the supervision of **Dr. Vikas Kumar** and the co-supervision of **Dr. Geeta Rai** for a period of about 3 years and 2 months from July, 2011 to August, 2014 at 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.

**Date:** August 20, 2014

**Place:** Varanasi

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**Date:** August 20, 2014

**Place:** Varanasi

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**Title of the Thesis: "Neuropsychopharmacological Studies on *Andrographis paniculata* and Andrographolide in Nondiabetic and Diabetic Rodents"**

**Candidate's Name: Mr. Ajit Kumar Thakur**

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