

DECLARATION

I hereby declare that, the work presented in this thesis entitled “**Design and Fabrication of Polyethylenimine Based Theranostic Nanoparticles for Targeting Brain Tumor via Intranasal Route**” submitted herewith to the Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D. in Pharmacy comprises independent investigations carried out by me in the Pharmacy Department, The Maharaja Sayajirao University of Baroda (India), Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Department of Zoology, Faculty of Science, The M. S University of Baroda and Isotope Production and Application Department, Bhabha Atomic Research Centre, Mumbai, India. Wherever references have been made to the work of others, it has been clearly indicated with the source of information under the title of references at end of each chapter. I further declare that the results of this work have not been previously submitted for the award of any degree or fellowship.

Date:

Place: Vadodara

(Abhijeet Pandey)

Certified by and forwarded through research guide,

Dr. Krutika K. Sawant

HOD and Professor of Pharmaceutics,

Pharmacy Department,

Faculty of Pharmacy

The Maharaja Sayajirao University of Baroda,

Vadodara- 390 001