

DECLARATION

I hereby declare that the work included in the Ph.D. thesis entitled **“Assessment of combination therapy of Melatonin & GABA in Diabetic mouse models and evaluation of correlation between Leptin & T2D susceptibility”** for the degree of “Doctor of Philosophy” is an original research work accomplished under the supervision of Prof. Rasheedunnisa Begum, Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002, Gujarat, India. I also declare that the contents of the thesis have not been previously produced in any form for the award of any degree, diploma, fellowship, associateship of any other similar title or recognition.

I further declare that whatever references have been made, to work of others, has been clearly indicated and included in the references. Materials and help obtained from other sources have been duly acknowledged in the thesis.

Mr. Parmar Nishant Rajesh

(Ph.D. candidate)

Place: Vadodara

Date: