## **DECLARATION**

I hereby declare that the work included in the Ph.D. thesis entitled "Studies on genotype-phenotype Correlation in type II diabetics and evaluation of Melatonin and DPP-IV inhibitor on experimental diabetic models" 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.

Ms. Roma Patel

(Ph.D. Candidate)

Date: 3rd August 2021

Place: Vadodara