

DECLARATION

I, hereby declare that the work embodied in this thesis entitled “**Development of prototypes of the biosensors for the detection of pathogens, cancer biomarkers and environmental pollutants**” for the degree of “Doctor of Philosophy”, is an authentic work accomplished under the supervision of **Prof. C. Ratna Prabha**, Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara – 390002, Gujarat, India.

I also declare that the contents in the thesis have not been previously produced in any form for the award of any degree, diploma, fellowship, associateship or any other similar title or recognition.

Date: / /2024

(**Ms. Dimpal Jayantilal Aghera**)

Place: Vadodara