

## **DECLARATION**

I hereby declare that the thesis entitled "**Development of Nano-composite Textiles for Bio-medical Application**" which is submitted herewith to The Maharaja Sayajirao University of Baroda, Vadodara for the fulfilment of the award of the degree of DOCTOR OF PHILOSOPHY in TEXTILE ENGINEERING is the result of the work carried out by me in Department of Textile Engineering, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, under the able guidance of Dr. Tasnim N. Shaikh, Associate Professor in Department of Textile Engineering, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara.

I further declare that the result of this work has not been previously submitted for any degree/fellowship.

Place: Vadodara

Date: January 2023

**(Radadiya Rainish Vitthalbhai)**

**(FOTE/870)**