

## DECLARATION

I declare that the thesis entitled "**Analysis of TNF- $\alpha$  regulated metabolic reprogramming in ER/PR +ve and -ve breast cancer cells**" submitted by me for the degree of Doctor of Philosophy (Ph.D.) is the record of work carried out by me during the period from 26-06-2019 to 01-12-2023 under the guidance of **Prof. Rajesh Singh** at The Maharaja Sayajirao University of Baroda, Vadodara. Neither the thesis nor any part of it has been submitted for the award of any degree, diploma, associateship, fellowship or titles in this or any other University or other institution of Higher learning elsewhere.

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.

Date: 01/12/2023

Place: Vadodara



Shinde Anjali Yogesh