

# **CERTIFICATE**

**DEPARTMENT OF BIOCHEMISTRY  
FACULTY OF SCIENCE  
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA  
VADODARA- 390 002, GUJARAT, INDIA**

***STATEMENT UNDER O. Ph.D.8/(iii) OF  
THE M. S. UNIVERSITY OF BARODA, VADODARA***

This is to certify that the work included in present thesis entitled “**Exploring the role of cadmium, an endocrine disruptor and insulin resistance: mechanisms and implications on ovarian cells**” has been actually carried out by **Ms. Muskaan. Anil. Belani**, under my direct supervision and guidance. The work accomplished in the thesis is original and with innovative findings. The thesis has not been submitted in any other form for award or any degree, diploma, unless otherwise stated. The thesis appraises an original work gratifying the criteria more excellently for the award of the degree of **Doctor of Philosophy** in Biochemistry from The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.

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