

CERTIFICATE

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

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

This is to certify that the work included in present thesis entitled “**Development of biosensors for the detection of pathogenic bacteria, proteins and other molecules**” has been actually carried out by **Miss. Jinal Bharatbhai Thakkar**, 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 degree of **Doctor of Philosophy** from The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.

**Prof. C. Ratna Prabha
Research Supervisor,
Professor and Head,
Department of Biochemistry,
Faculty of Science,
The M. S. University of Baroda,
Vadodara – 390 002**