

DECLARATION

**Statement under O. Ph. D. 8/ (iii) of The Maharaja Sayajirao
University of Baroda, Vadodara, India.**

The work presented in this thesis has been carried out by me, under the guidance of Prof. Mrinalini Nair, Professor, Department of Microbiology and Biotechnology Centre, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, India. The data reported here is original and has been derived from research studies undertaken by me.

Place: **Vadodara**

Date:

Ms. NIRALEE PATEL
(Candidate)

This is to certify that the above declaration is true.

Place: **Vadodara**

Date:

Prof. MRINALINI NAIR
(Research Guide)