

## **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 Dr. Nandita Baxi, Assistant 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:

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**Ms. Prachi R. Gandhi**  
(Candidate)

This is to certify that the above declaration is true.

Place: **Vadodara**

Date:

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**Dr. Nandita Baxi**  
(Research Guide)