

## DECLARATION

---

**SUBMITTED UNDER O.P.H.D.8/ (III) OF THE M.S. UNIVERSITY OF  
BARODA, VADODARA, INDIA.**

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

Place: **Vadodara**

Date:

S.D.Desai  
2.

**Siddhi Desai**

Candidate

This is to certify that the above declaration is true.

Place: **Vadodara**

Date:

**Prof. D. U. Gajjar**

Research Guide