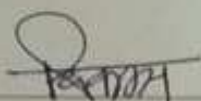


DECLARATION

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

The work presented in this thesis has been carried out by me, under the guidance of Prof. Bharat B. Chattoo, Distinguished Professor, Department of Microbiology and Biotechnology Centre, The Maharaja Sayajirao University of Baroda, Vadodara, India.

The data reported here is original and has been derived from research studies undertaken by me.

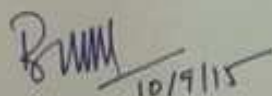


Vikas
(Candidate)

Place: Baroda

Date: 11/9/15

This is to certify that the above declaration is true.



Prof. Bharat B. Chattoo
(Research Guide)

Place: Baroda

Date: