**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.

Tamishraha Bagchi, Department of Microbiology and Biotechnology Centre, Faculty of

Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India. The data

reported herein is original and has been derived from research studies undertaken by me.

**Abhik Saha** (Candidate) Place: Vadodara Date: This is to certify that the above declaration is true. Prof. Tamishraha Bagchi

(Research Guide)

Place: Vadodara

Date: