Acknowledgment

Life is not so short but that there is always time enough for courtesy.

- Ralph Waldo Emerson

I extend my sincere thanks to…………

The Nirma University and NERF (Nirma Education & Research Foundation) for allowing me to register for Ph.D. and providing all the necessary facilities.

Dr. Sriram Seshadri, thesis supervisor, for his ever-available support, encouragement, and for providing all the legitimate freedom in design & execution of this work.

Prof. G. Nareshkumar, Director- Institute of Science, for his occasional tips & remarks on the work, and for letting me have the access to resources of the Institute.

Prof. Y.K. Agrawal (former Director, Inst. of Science) for the encouragement and support he extended during his tenure.

Prof. S.R. Dave (Head of Microbiology Dept., Gujarat University, Ahmedabad) for providing few of the test organisms. I gratefully appreciate him and Prof. M V Rao (Head of Zoology Dept., Gujarat Univ.) for their constructive suggestions as members of Research Progress Committee (RPC).

Prof. Y. T. Jasrai (Head of Botany Dept., Gujarat Univ.) for authentication of plant specimens.

Prof. Santosh Kar (School of Biotechnology, Jawaharlal Nehru Univ., Delhi) for making himself available for useful discussions on this work.
Dr. Priti Mehta and Mr. Omkar Sherikar (Inst. of Pharmacy, Nirma Univ.) for their assistance in HPLC experiments.

My teachers who taught me many things at different stages of my student life and afterwards.

I appreciate the support of my colleagues (teaching & non-teaching) at Inst. of Science.

I am extremely thankful to my family (parents & sisters) for letting me devote almost all the time to my work. This work was never possible without their blessings and the prayers they made to the Almighty for me.

I might have missed few names, but I sincerely acknowledge all those who helped me directly or indirectly in materializing this research.

Needless to mention, the supreme force of the nature- the Almighty, without whose mercy and support, no human can give the material form to his desires.

Vijay Kothari

Date: