ACKNOWLEDGEMENT

This piece of work is a God's gift for me because it was he who inspired me to select this path and it was his blessings that helped me to pass through all the hurdles at every step without which nothing could be accomplished.

It is extremely difficult to express my profound gratitude to my parents Shri Hariprasadbhai P. Patel and Smt Rajniben H. Patel and my brother Sujal H. Patel for their sacrifices, tremendous support, help, constant encouragement, unruffled patience and cooperation throughout my work which proved to be a great boon in completion of my work and without which, this work would haven't been possible.

I am greatly thankful to my brother Sujal H. Patel. I don't find words to thank him because he has taken lots of pains for me at each and every stage of my research work. He has helped me from the first step of my research work till the designing and composing of this thesis. He has left no stone unturned in helping me for completing this task. It was he who has made me comfortable to work upon my assignment, which resulted in this completion.

I most sincerely thank Dr Sri Ram and Mr Maheshbhai Patel Anand Agriculture University Anand for their help during my course of work (providing samples of Kalmegh and help for andrographolide determination).

I express my gratitude to Dr P. B. Shah, Dr H. N. Frank, Prof M. N. Desai Botany Dept. and Prof D. M. Damore Zoology Dept. Bhavan's R.A. College of Science for their constant encouragement and moral support.

I am delighted to express my thanks to my lab colleagues. I am thankful to Praful Bhandari for his timely needed help. I also thank Nikita Patel, Mayur Dabhi, Jayshree Patel, Chirangini Panchal and Leena Trivedi for their cooperation.

Last but not the least, I thank all those whose names do not figure here but helped me directly or indirectly.

Place: Ahmedabad
Dt: 13th June, 2006

Ami H. Patel
(M.Sc., M.Phil.)