ACKNOWLEDGEMENTS

I express my most sincere gratitude and indebtedness to Dr. M. Daniel, M.Sc., Ph. D. for introducing me to the subject and for his judicious guidance, valuable suggestions, keen interest, strong support, continuous encouragement, constant help, utmost cooperation, patience and affection shown by him during the entire tenure were instrumental in the completion of the work.

I extend my thanks to Prof. S. D. Sabnis, Prof. R. P. Bhatt and Prof. S. J. Bedi the former Heads of the Department and Dr. (Mrs.) M. A. Padhya, the present Head, Department of Botany, The M. S. University of Baroda for giving the laboratory facilities to carry out this work and for their words of encouragement.

I gratefully acknowledge the financial assistance provided by Acharya Research Scholarship Charitable Trust. Thanks are also extended to Mr. Prashant D. Kirkire of Department of Statistics for his help and expertise in carrying out statistical analysis.

I take pleasure in extending thanks, for the timely help, friendly cooperation and kind words of encouragement, to all my friends and colleagues in the Phytochemistry Laboratory.

I am extremely indebted and wish my deepest gratitude to my parents Mrs. and Mr. M. L. Parmar and brothers, Jiten and Deven for their warm affection, moral support, constant source of inspiration, full cooperation, continuous encouragement and patience during the entire course of study.

Finally, I thank Saumyas Computers for excellent, neat and painstaking job of typing the thesis.

Daksha M. Parmar