Acknowledgements

“TO ACCOMPLISH GREAT THINGS, WE MUST NOT ONLY ACT, BUT ALSO DREAM; NOT ONLY PLAN, BUT ALSO BELIEVE.”

Believe in yourself and may the impossible be the smaller word.

Pursuing a Research work is a both painful and enjoyable experience. It is just like climbing a high peak, step by step, accompanied with bitterness, hardships, frustration, encouragement and trust and with so many people’s kind help. When I found myself at the top enjoying beautiful scenery, I realized that it was, in fact, teamwork that got me there. Though it will not be enough to express my gratitude in words to all those people who help me, I would still like to give my many, many thanks to all these people.

First of all, I’d like to give my sincere thanks to my God Swaminarayan and my spiritual Guru H.D.H Shree Pramukh Swami Maharaj and all Saints of BAPS Swaminarayan Sanstha for offering me her valuable advice, patiently supervising me, and always guiding me in the right direction of my life. Without their help I could not have finished my research work successfully.

The dream begins, most of the time, with a teacher who believes in you, who tugs and pushes and leads you on to the next plateau, sometime poking you with a sharp stick called truth. This is true for Dr. B. G. Patel, Guide, A. R. College of Pharmacy & G. H. Patel Institute of Pharmacy, whose unstinted guidance and suggestions greatly inspired me in completing this work. My sincere thank to him.

I am gratefully indebted to Dr. K. K. Bhatt and Dr. A. K. Saluja, the honorable principals of IICP, New Vallabh vidyanagar and ARCP & GHPIP, Vallabh vidyanagar for providing all the facilities for my work and for their constant support and encouragement.

I am gratefully indebted to Dr. V. S. Patel (Director, SICART). I wish to express my deep sense of gratitude to Dr. G. C Jadeja, Professor and Head, Department of Agricultural Botany, B.A. College of Agriculture, Anand Agricultural University, Anand, for helping me selflessly in my study work.
I consider it as a great privilege to express my heartfelt gratitude and sincere thanks to Dr. S. B. Patel, Mr. R. K. Patel, Mr. Bhavesh H. Patel and Ms. D. P. Patel Department of Pharmacology, IICP, for their timely help, inspiration and valuable suggestions.

My sincere thanks to Dr. D. A. Shah, Mr. V. K. Chhalotiya, Dr. K. B. Ahir, Dr. S. L. Baldaniya, Dr. F. A. Mehta and Mr. D. U. Patel, Department of Pharmaceutical Chemistry, IICP, for their moral support, inspiration and timely help during the course of study.

I extend my sincere thanks to Dr. Chirag D. Nagda, Dr. (Mrs.) V. U. Patel, Dr. R. M. Kotadiya, Dr. D. R. Chaudhary, Dr. (Mrs.) M. R. Patel and Mr. A. J. Kundawala, Department of Pharmaceutics, IICP, for their moral support, inspiration and timely help during the course of study.

My sincere thanks to Dr. (Mrs.) S. H. Shukla, Dr. Rajiv R. Kukkar and Mr. Kalpen Patel, Department of Pharmacognosy, IICP for their constant encouragement, moral support, inspiration and timely help during the course of study.

I am also pleased to the Mr. Ketan Pnachal, Mrs. Jyoti Patel, Mr. Mitul Patel and Mr. Jignesh Gadhvi administrative staff, I.I.C.P for providing me moral support in my work.

My sincere gratitude extends to Mr. Shivlal Yadav, Mr. Nirmal Patel, Mr. Ketan Patel, Mr. Thakor Chavda, Mr. Vikram Rawat, Mr. Ankur Patel, Mr. Mukesh Patel, Mr. Harshad Parmar, Mr. Sunil Brahmbhatt, Mr. Nirmajan Patel and other staff members of IICP, for their help during the course of study.

My sincere thanks to Mr. Rupesh Patel, Mr. Krunal Patel and other staff members of ARCP, for their help during the course of study.

My dearest friends Pathik, Niraj, Kalpesh, Jaimik, Shital and all my friends for their moral support good company and encouragement.

I am profoundly indebted to my parents who had taught me all lessons of life and prepared me rough and tough to face every situation with courage. They have always boosted me and supported me all the way in life. Their words "Dare to Dream and Dare to achieve it" had always rejuvenated my efforts.
My special thanks to god for giving me very supporting better half, my wife and my angel Diya, who has kept me afloat during my sinking spirit. She never let me feel loneliness, her help and continuous encouragement, support and warmth has led me to complete the research work successfully. She has motivated me to keep moving through difficult times. Her love and patience has been a tremendous source of strength for me during these years.

Words are not sufficient to express my deepest love and appreciation to my affectionate, beloved Sisters Neepa, Priti, Mittal and their family. My special thanks to Ritafoi, Rajufua, Darshan, Kalpeshbhai and family, Mukeshbahi and family for helping to maintain the courage. I also thankful to my Cousin Sisters Parul, Alpa and their families.

This journey would have been difficult without company of my cousins Aneri, Zil, Anuj, Rushabh, Khushi, Bansri, Suketu, Dev, Heny, Harsh and Isha being in your company has made my journey an enjoyable experience.

I consider this as an opportunity to express my gratitude to all the dignitaries who have been involved directly or indirectly with the successful completion of this dissertation.

Jignesh J. Shah