Acknowledgement

Pursuing a Dissertation project is a both afflictive and gratifying experience. It is just like climbing a high peak, step by step, accompanied with acrimony, asperities, 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 those people. Words are always poor approximation of what one intends to say.

At first I thank God for giving me the ability, the patience and the drive that reached me to this destination in my life and for showering his blessings.

It is my privilege to express deep sense of gratitude to my guide Dr. Vineet Jain, Professor, Bhagwan Mahavir College of Pharmacy, Surat for his invaluable suggestions, constant encouragement and untiring endeavour throughout the course of this research work. I am greatly thankful to him for his help, without which this work could not be possible.

I am very much thankful and grateful to my Doctoral Progress Committee members Dr. N. M. Patel and Dr. K. N. Patel for mentoring me and providing me valuable guidance from time to time. I also thank Dr. N. R. Sheth, Dr. Mamta Shah, Dr. A. K. Saluja and Dr. Tejal Gandhi who as examiners examined my research work during the research weeks and provided valuable ideas to better my project.

I express my gratitude to Dr. T. Y. Pasha, Principal, Parul Institute of Pharmacy & Research, Vadodara, and Management of Babaria Institute of Pharmacy, Vadodara, for providing necessary facilities for the completion of this project work.

I owe sincere gratitude to Dr. Vinay Raole, Professor, Department of Botany, M. S. University of Baroda for guiding me for collection and primary authentication of plant.
My research goals would never have been accomplished without the profound support from my colleagues, Ms. Meenakshi Patel, Ms. Farhat Shaikh, Ms. Sangeetha Rajbanshi, Mr. Jitesh Jariwala, Ms. Disha Prajapati and Ms. Asha Patel. This thesis would be incomplete without acknowledging the support provided by Vidhi, Hirvita & Monika (M.Pharm Students of M.S.University of Baroda), Mr. Tarun Patel, Mr. Vipul Shah, Mr. Jagdish and Mr. Mahesh.

I express my thankfulness to Dr. Vishal Patel, Senior executive, Vasu Research centre, Vadodara for helping with HPTLC analysis of my extracts. I am very much thankful to Mukesh Sharma, PG student, for helping me in HPLC analysis of my extracts.

I am also thankful to Cadila Pharmaceuticals, Dholka for providing animals required for the pharmacological study.

In preparing this dissertation I have received great help from many of my professors, friends, and colleagues in a number of ways, whom I might have missed inadvertently. I take this opportunity to thank all of them.

I dedicate this research work to My Parents, who educated me and always supported and encouraged to complete my education. I am extremely thankful to my in-laws, beloved husband Mr. Rajesh Dodiya and loving daughter Mishti for their patience and time so that I could complete the present work.

I am indebted to all my family members, friends and well-wishers who directly or indirectly involved in the completion of this endeavour.

Last but not the least I owe all those silent animals used in the present work for the welfare of human race.

Tanvi D. Patel