ACKNOWLEDGEMENT

I take this opportunity to thank and express my gratitude to all those who directly or indirectly helped me to accomplish this venture.

I sincerely thank and express my indebtedness and deep sense of gratitude to my guide **Dr. R. Balaraman**, Professor of Pharmacy, Pharmacy Department, Faculty of Technology and Engineering, The M.S.University of Baroda, whose guidance, keen interest, helpful criticisms and encouragement served as a constant inspiration during the entire course of my PhD tenure and will always remain an ideal symbol of inspiration to me throughout my life.

My sincere thanks are also due to **Dr. A. N. Mishra**, Professor and Head, Pharmacy Department, Faculty of Technology and Engineering, The M.S.University of Baroda, for providing necessary facilities.

I also extend my sincere thanks to all the teaching staff of Pharmacy Department, Faculty of Technology and Engineering, The M.S.University of Baroda.

I am also thankful to Himalaya Drug Company, Bangalore and Ayur Herbals Pvt. Ltd., Baroda for providing the formulations for the study and UGC, Delhi for providing financial assistance for successfully carrying out this work.

I am also grateful to **Dr. Ravindra Pasale** and **Dr. Udayan Kachchhi**Baroda Clinical Laboratory, Baroda for their great help in preparation and interpretation of histopathological slides.

No words can express my gratefulness towards my dear friends Mr. N. Subramanian, Ms. Arul Sudar, Ms. Parmeshwari Halen, Mr. S. Ganesh, Mr. Jayathirtha, Mr. Shrenik Shah, Mrs. Hetal Thakkar and many more for their unforgettable help, support and encouragement during the entire tenure on work front or otherwise.

The blessings and inspiration of my parents and their belief in me gave me strength and made it possible for me to follow my dream.

My highest regards go to my extremely loving husband, **Anand** who helped me in every possible way and showed his immense love, support and patience at each and every step of my work.

I am also touched with the patience and love shown by my cute little son, **Aditya** who patiently watched me typing my thesis from his cradle.

It is only their love and support that has made my dream come true.

PALLAVI ANAND BAFNA