

Acknowledgments

“Success comes before work only in dictionary.”

Research can only turn into *Result* with involvement and inspirations of great souls. This is the time to thank all the people who directly and indirectly contributed in some way to the work described in this thesis.



First and foremost, praises and thanks to the god, the almighty, for his showers of blessings throughout my research work to complete the research successfully.

I would like to express my deep and sincere gratitude to my research supervisor; I would never have been able to finish my dissertation without the guidance of **Prof. (Mrs.) Sadhana J Rajput**, (Ex-Dean, Professor, Faculty of Pharmacy, The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat-390 001). Her challenges brought this work towards completion. It was a great privilege and honour to study and work under her invaluable guidance. Her dynamism, vision, sincerity and motivation have deeply inspired me. She has taught me the methodology to carry out the research

and to present the research works as clearly as possible. I am extremely grateful for what she has offered me; engaging me in new ideas and demanding a high quality of works in all my endeavours, you have been a remarkable mentor for me.

I am extremely grateful to my parents for their love, prayers, caring and sacrifices for educating and preparing me for my future. I am very much thankful to my parent in laws, brother in laws and Sister-in-laws for their love, understanding, prayers and continuing support to complete this research work. My Special thanks go to my husband **Mr. Mayur M. Makadia** (Sr. Correspondent, News18 India) for the endurance, moral support, love, patience and keen interest shown to complete the study successfully. Your thoughts and vision always inspire me to move forward towards achievements, I am blessed to have you in my life.

Infinite appreciation and dense acknowledgment for the endorsement and the help are outspread to the following persons who in one or another way accommodate in making this study feasible.

Sir Sayajirao Gaekwad, the founder of the Sayajirao University of Baroda, for establishing such a wonderful and multidisciplinary education foundation. My Doctoral experience benefitted greatly from the course I took, the opportunity I had under faculties of Pharmaceutical Quality Assurance and the high quality seminars that the department organized.

I would like to express my deep and sincere gratitude to our Vice-chancellor **Dr. Parimal Vyas** and **Dean Prof. (Mrs.) Krutika K Sawant** for providing excellent research facilities and for providing intellectual freedom in my work.

The Co-ordinators during my tenure, **Dr. Kirti V patel** and **Dr. (Mrs.) Hetal Thakkar**, for their constant support and for providing the best instrument and other research facilities.

To my teachers **Dr. Krutika Sawant, Dr. Rajeshree Mashru, Dr. Kirti Patel, Dr. Hetal Thakkar, Dr. Prashant Murumkar, Dr. Navneet Prajapati, Dr. Hemal Tandel and Dr. Bhavik Chauhan** for their worthy support and help.

To my seniors, friends and colleagues, **Dr. Mohit Mahajan, Dr. Priya shah, Dr. Seema Saroj, Dr. Manasi sathe, Dr. Charu Mehta, Mr. Raghuvirsinh Parmar, Ms. Priti Jadeja, Miss. Apeksha Kadam and Mr. Parin chokshi.** I am thankful to **Mr. Parv Jani, Ms. Darshana patel, Mr. Denish Bardolivala, Mr. Dushyant patel, Mr. Nirav Patel and Miss. Trupti Dubey** for their words of encouragement and support during my research pathway.

I would like to mention Mr. Binit Patel, Mrs. Vaishali Bhavsar, Miss. Jalpa saidane, Mrs Bhumi, Mrs. Dhruvisha shah, Pramodbhai, Naginbhai, Pravinbhai, Jagdishbhai, Kiranbhai as a non teaching staff of pharmacy and other including office, store, librarian and laboratories for their help and support.

I would also thank to Mr. Chirag Savani, Miss. Mayuri Sainiwal and Mr. Chandrakant Sojitra from department of Chemistry, Faculty of Science for their help and support. I would show gratitude to Mr. Sidhhar Selvam (Sr. Research Scientist, Sphaera Pharma PVT Ltd, Gurgaon), Mr. Chandrakant Shelat (Deputy Commissioner F & D, Gandhinagar), Mr. Harshil Shah and Mr. Keyur Amin (Hemarsh Technologies, Gorwa, Vadodara), Vaibhav analytical Ltd. (Ahmedabad), Dr. Rakesh Raval and Mr. Dilipsingh (Forensic science Department, Gujarat University) for their valuable time and support.

I would like to thanks **Lupin Pharmaceuticals (Gujarat), Macleods Pharma (Gujarat) and Dishman Pharmaceuticals (Gujarat)** for providing bulk drug samples.

I express my gratitude and apologize to anybody whose direct or indirect contribution, I could not mention in this.

Finally Thanks to almighty for his blessings on me forever.....

Date:

Ms. Pragati J. Vanavi

Place: Vadodara

(M.Pharm)