Acknowledgement

“Success is the result of perfection, hard work, learning from failure, loyalty, and persistence.”

-- Colin Powell

The successful completion of this research work would not have been possible without the support of some wonderful people in my life. At this point of time I express my deep gratitude to all those, who have made conscious effort to help me in any way for concluding this endeavour.

First of all I would pay my devotions to the almighty god, who has made me able to work on my dreams. His divine presence has charged me with lots of zeal every time.

I feel immensely blessed to have Dr. Shital B. Butani, Associate professor, Institute of Pharmacy, Nirma University, as my research guide and mentor. I sincerely thank her and appreciate all her contributions of time, ideas, and thoughtful suggestions to make my Ph.D. experience fruitful and interesting. The joy and enthusiasm she has for her research was transmittable and motivational for me, even during tough times in the Ph.D. pursuit. I am also thankful for the excellent example she has provided me as a successful woman academician. I could not have imagined having a better counsellor and mentor for my Ph.D study than her.

I take the pleasure of thanking Prof. Dr. Mukesh C. Gohel, Anand Pharmacy Colleage, Anand, for bestowing his choicest contribution in my Ph.D research. He had always given selfless and yet strict inputs in making the research and its presentation flawless. I sincerely thank him for being mentor for my research and life at large.

I am very much thankful to respected Prof. Manjunath Ghate, Director, and Dr. Tejal A. Mehta, Head, department of pharmaceutics, Institute of Pharmacy, Nirma University for providing me all the necessary support for my research work.

I convey my heartfelt thanks to Dr. V. K. Gupta, General Manager, Kemwell Biopharma Pvt. Ltd., Bangalore and Dr. Rajesh K. Parikh, Head, Department of Pharmaceutics, L. M. College of Pharmacy, who as my research progress committee members, have given not only their insightful comments and encouragement, but also the hard questions which incented me to widen my research from various perspectives.
I would like to express my cordial thanks to Dr. M. T, Chhabria, Principal L. M. College of Pharmacy and Dr. Rajesh K. Parikh, Head, Department of Pharmaceutics, L. M. College of Pharmacy for their timely help, moral support and useful guidance which helped me complete this research work.

I am thankful to laboratory and library staff of L.M. College of Pharmacy and Institute of Pharmacy, Nirma University for providing me necessary resources whenever I required. I am truly proud and content to be a part of these esteemed organizations.

I acknowledge, Torrent Pharmaceuticals Ltd., Gattefosse India, and Gangwal Chemicals for providing gratis samples of drug and chemicals for the research purpose.

I wish to present garland of thanks to all my dear friends Hiral, Radhika, Avani, Asha, Manali, Dhaval, Tushar and Nayan for their cheering support throughout the work.

I wish to convey prayers to my parents, parents in-law and my whole family whose untiring efforts have always inspired me. They have boosted me morally and always inculcated strength and endurance to sustain in difficult times.

I haven’t enough words to express my gratefulness and love to my beloved husband “Niraj Mevada” and my daughter “Reva” who being the inseparable parts of me have always equipped me with self-sufficiency, sustainability and high values.

Lastly, I offer my sincere acknowledgements to each and everybody who have made any sort of contribution to completion of this Ph.D thesis.

Date: 17/12/2016

Vrundaben C. Suthar