ACKNOWLEDGEMENT

My humble Pranams to Shree Vighneshwara and Lord Venkateshwara for their divine blessings, which has helped me to accomplish this task successfully.

A research project like this needs the heads and hands of many, for its successful completion. Thus, a good number of friends and well wishers have helped me to complete this project successfully. My life’s most awaited, precious moment, submission of Ph.D thesis which I dreamt for years and years is now a reality.

It gives me immense pleasure to convey my deep sense of gratitude and heartfelt thanks to my guide Dr. T.M. Pramod Kumar, Professor, Department of Pharmaceutics, JSS College of Pharmacy, Mysore. His discipline, principles, simplicity, caring attitude and provision of fearless work environment will be cherished in all walks of my life. I am very much grateful to him for his invaluable guidance and ever-lasting encouragement throughout my course. I acknowledge my overwhelming gratitude and immense response to him under whose guidance, constant encouragement and untiring patience I have the proud privilege to accomplish this entire work.

I would like to express my deep sense of gratitude to Dr. H.G. Shivakumar, Principal, JSS College of Pharmacy, JSS University, Mysore, for his constant support and encouragement during my Ph.D. work as well as my career as faculty of JSS College of Pharmacy, Mysore. His advice, marvelous pieces of wisdom and experience were always with me when I was in need of them. My heartfelt thanks to him once again.

I thank His Holiness Sri Sri Shivarathri Deshikendra Mahaswamiji, JSS University and JSS management for providing the necessary infrastructure and support to undertake this work.
I express my gratitude and thanks to Dr. M. Srinivasa Reddy, Professor, Dept. of Pharmaceutics, MCOPS, Manipal for giving valuable inputs and evaluating my half yearly progress reports.

I am thankful to my colleagues Dr. Dr. P.K. Kulkarni, Dr. D.V. Gowda and Dr. R.S. Bhat, for helping me in every step of my research by providing necessary inputs and ideas. I am also thankful to my Ph.D. colleagues Mr. M.P. Venkatesh, Mr. Balamuralidhara V, and Mr. H.V. Gangadharappa, and librarian Ms. Namitha Shivanna for timely help in my research activities.

I sincerely extend my thanks to and Dr. Siddaramaiah, Professor, SJCE for giving valuable suggestions to carry out my research work.

My sincere thanks to Mr. B. Vishwanathan, Dr. Vishal Kumar Gupta, Dr. Hemant Kumar Singh Yadav, Mr. Anand Kumar Tengli, Dr. Afrasim Moin, Mr. Raghunandhan and other colleagues of JSS College of Pharmacy, Mysore for helping me, when I was need of it. My sincere regards to PG students Srujana, Venkatesh Alla, Rami Reddy, Shyam, Nitin, Ranga Rao, Rajan, Vamsi, Sushma, Tanuja, Krishna chaitanya and others for proving their helping hands when required.

My sincere regards to our department non-teaching staff Mr. Somanna, Mr. Nanjundaswamy, Mr. Chennappa and Mr. Somashekkhar for helping me during the experimental work.

Many thanks to my dear friends, KK, Guru, Subhash, Girish, Rajesh and Ashwin for the care and concern they showed towards me and all their valuable advice in my research work. Their constant helping hand made my progress in all aspect of my life.
My family members are the motivational force behind me to complete Ph.D work. Special pranams to my father Sri. V. Nageswara Rao and mother Smt. V. Vijayalakshmi, my brother Naresh and bhabhi Sujitha, their son Deepak, Babai & Pinni, my grand parents Sri. V. Sivarama Krishna Murthy and Smt. Vanajakshi it is because of their wishes and blessings, that I could face and overcome challenges.

And ... my wife, Smt. Rasagna, her wonderful gift to me, my son Nivritiith Ram. Their significance in my life and in this thesis cannot be measured by any softwares. I am lucky enough that I have with me what is important in life.

Special thanks to Dr. Reddys, Hyderabad and Divis Labs, Hyderabad and Strides, Bangalore for providing gift samples to carry out my Research work.

I am especially thankful to the teaching and non-teaching staff for their cooperation towards my work.

I am thankful to Mr. M. K. Manjunatha Hegde of MAIL-WORLD for help in printing thesis work.

Finally, I thank each and every one who supported directly or indirectly in completing the dissertation work.

Date: Mr. Valluru Ravi

Place: Mysore