Acknowledgements

Words are not enough to thank my esteemed research guide Dr. A. K. Saluja, Professor, Department of Pharmacognosy, A. R. College of Pharmacy & G. H. Patel Institute of Pharmacy for his invaluable guidance, patience, functional freedom and personal care given to me throughout my research work. The confidence and enthusiasm with which he guided the work requires no elaboration. His valuable suggestions as final words during the course of work are greatly acknowledged.

I am gratefully indebted to Dr. K. K. Bhatt, the Principal of Indukaka Ipcowala College of Pharmacy for providing all the facilities for my work and for their constant support and encouragement.

I am gratefully indebted to Dr. V. S. Patel (Honorable Director, SICART), Dr. B. G. Patel (Former Director, ISTAR) for their support and co-operation and to make this study a success.

My earnest thanks to Dr. (Mrs.) Sangita Shukla (Head of the Dept.) and Ms. Pinal Rathod Department of Pharmacognosy, IICP, for their moral support, inspiration and timely help during the course of study.

I extend my sincere thanks to Dr. (Mrs.) H. V. Patel (Head of the Dept.), Dr. Rajendra Kotadiya, Mr. A. J. Kundawala, Dr. Chirag Nagda, Dr. (Mrs.) M. R. Patel and Dr. Dhagla Ram Choudhary, Department of Pharmaceutics, IICP, for their moral support, inspiration and timely help during the course of study.

My sincere thanks to, Dr. F. A. Mehta (Head of the Dept.), Dr. S. L. Baldaniya, Dr. D. A. Shah, Dr. K. B. Ahir, Mr. U. K. Chhalotiya, and Mr. D. U. Patel, Department of Pharmaceutical Chemistry, IICP, for their moral support, inspiration and timely help during the course of study.

I consider it as a great privilege to express my heartfelt gratitude and sincere thanks to Dr. S. B. Patel (Head of the Dept.), Mr. J. G. Shah, Mr. R. K. Patel and Ms. D. P. Patel, Department of Pharmacology, IICP, for their timely help, inspiration and valuable suggestions.

My sincere thanks to, Dr. (Mrs.) Punam D. Sachdeva, Dr. (Mrs.) Hetal R. Prajapati, Dr. R. S. Mehta, Dr. Kishore Dholwani, Dr. Vipul M. Vaghela of
A. R. College of Pharmacy and Dr. A. K. Ray for their constant encouragement, moral support, inspiration and timely help during the course of study.

My sincere gratitude extends to Mr. Dilip G. Rathod, Mr. Thakor Chavda, Ms. Nisha Patel, Mr. Vikram Rawat, Mr. Bhavesh Patel, Mr. Kalpen Patel, Mr. Ankur Patel, Mr. Mukesh Patel, Mr. Harshad Parmar, Mr. Shivlal Yadav, Mr. Nirmal Patel, Mrs. Jyoti Patel, Mr. Nirnajan Patel and other staff members of IICP, for their help during the course of study.

My special thanks and appreciation goes to Dr. Gautam Chauhan, Dr. K. K. Tiwari SICART, for their timely help during the course of study.

Words are not sufficient to express my deepest love and appreciation to my Papa, Mummy, Brother and Sisters. I express my sincere thanks to my beloved wife MONA and my daughter, MANASVI for their everlasting love and constant support for life.

I consider this as an opportunity to express my gratitude to all the dignitaries who have been involved directly or indirectly with the successful completion of this dissertation.

Finally, I would like to express thanks to the Almighty God for strength, determination and power to succeed no matter what storms or challenges life brings my way.

--- Rajiv R. Kukkar