ACKNOWLEDGEMENT

No research is ever the outcome of single person's talent or effort. This work is no exception.

Today at the acme of my thesis, I remember my family, teachers, friend and well-wishers without whom this project would not have taken shape. Although it is not possible for me to name and thank them all individually. I must make special mention of some personalities and acknowledge my sincere indebtedness to them.

I express my warmest gratitude to my esteemed guide, Dr. (Mrs) Jolly R Parikh, Head Department of pharmaceuticals and pharmaceutical technology, A R College of pharmacy & G H Patel Institute of pharmacy for her worthy guidance and constructive review at all the stages of my research work.

I am grateful to Dr A K Saluja, Principal, A R College of pharmacy & G H Patel Institute of pharmacy for extending me required facilities for my research related activities at A R College of pharmacy & G H Patel Institute of Pharmacy.

I feel privileged to thank Dr. Rajesh H Parikh, Principal, Ramanbhai Patel College of Pharmacy, Changa for supporting me in my research work. Through interaction with him, I gained lot of insights into the work.

I am thankful to my colleagues Mr. V M Vaghela, Mr. A V Goti, Mr. D M Modi, Mrs. S S Gajjar, Mrs. A V Mayavanshi, Dr. N P Chotai, Dr. V A Patel, Mrs. P D Sachdeva, Mrs. V J Galani and other staff members for their direct and indirect help in my work.
I am also very thankful to Suryakantbhai, Gaurangbhai, Pankajbhai, Arunbhai, Hiteshbhai, Bachubhai and other members in laboratory who were always ready for help in my experimental work. I also convey my thanks to the library staff at A R College of pharmacy & G H Patel Institute of Pharmacy.

I am thankful to all the companies (namely Elysium Pharmaceuticals, Vadodara; Alembic Chemicals, Vadodara; Zydus cadila, Ahmedabad, Cadila pharmaceuticals, Ahmedabad) for providing me gratis samples of Piroxicam, Ketoprofen, Aceclofenac, Carbopol, Directly compressible lactose and animal (rats) and other necessary materials to conduct my research work.

I am thankful to SICART professional Mr. Vipul J Patel and Mr Gopul for helping me in analytical part of the project.

Finally, I acknowledge the debt I owe to my family members without whose support this task could not be completed and of course, to the almighty whose divine blessings has made this dream realized.

May 2007

V V Nagar

Ajay B Solanki