“The world hates change, yet it is the only thing that brought progress.”

Research brings about dramatic changes in the traditional lookout of Science and Technology. It is the continuous phenomena undertaken by one and every throughout the world. The work depicted in this thesis is a bucketful of contribution to the large ocean of research occurring globally. Every successful work has the contribution from numerous people. Without the help of some generous souls the work would not have been an entity. Within the limit of the pages I would like to acknowledge their contribution.

I wish to take this opportunity to thank all those who have been continuously supportive by devoting their precious time in providing me the guidance and mental strength to shape my project in its desired form.

I would like to express my deep sense of gratitude to my project guide, Prof. (Dr.) Reni Kapoor, Faculty of Pharmacy, Akal College of Pharmacy, Sangroor, Punjab, for her generous guidance, kind supervision and continuous encouragement in bringing this work to conclusion. It was her positive attitude and enthusiasm towards the project that helped me complete this work. I feel honored to express my warm and sincere thanks to Dr. RK Dhawan, Director-Principal, Khalsa College of Pharmacy, Amritsar, Punjab for special guidance, kind support and constant inspiration.

I am highly grateful to Dr. DK Dash, Ex. Principal Pharmacy and Dr. AS Mann, Principal, BISCOP, Gagra, Punjab for providing me valuable suggestions, labs and instruments facilities to complete the thesis work successfully.
Further I would like to mention the kind cooperation extended to me in the form of witty suggestions by Dr. KR Dutt, Ex. Director, BISCOP, Gagra, Punjab.

I am very thankful to Mr. Gaurav Swami, Assistant Professor (Pharmaceutics), CTIPS, Jalandhar, Mr. Narender Sharma, Assistant Professor (Pharmacology), BISCOP, Gagra, Dr. Sunayna Sharma (M.D), Dr. DY Patil Medical College & Hospital, Navi Mumbai, Mr. Anil Jindal, PhD. Research Scholar (Pharmaceutics) UDCT, Mumbai, Mr. Dinesh Sharma, PhD. Research Scholar (Pharmacognosy), Kashmir University, Sri Nagar for his valuable suggestions and providing facilities during the course of my work.

I am deeply indebted to my friends, Sandeep Rahar, HOD, Mr. Virender Soni, Assistant Professor, BISCOP, Gagra and Mr. Amit Chawla, Mr. Gagan Shah, Assistant Professor, Khalsa College of Pharmacy, Amristar for their continuous support and co-operation.

Last but not the least; I want to thank my parents, my parents in laws, my wife and family members for their constant encouragement and moral support.

Finally, I bow my head to the almighty, without whose blessings it was impossible for me to reach the zenith of this project.

Date: 
Place: Amritsar

Navneet Nagpal