ACKNOWLEDGEMENTS

My head bows to express my extreme gratitude to the Master of Universe. Without his blessings I could not have ever completed this work. It is only his grace that I am able to achieve another goal in my life.

My thoughts make me feel pride when I write few words about Prof. (Dr.) Arun Nanda, my supervisor. It is my privilege for having worked under the expert guidance of Dr. Arun Nanda, a distinguish teacher and mentor. His concrete suggestions, inspiring criticism, patient hearing and dedication have been an enriching and unique experience that I shall cherish throughout my lifetime. I thank him from the bottom of my heart for his support and guidance that made my research work possible.

I face tremendous paucity of words that are required to describe my deep sense of indebtedness, gratitude, emotions and pride to be guided by my co-supervisor Dr. Maninder Karan. Her integral view of research and mission for providing only high quality work and not less has made deep impression on me. She is a great teacher and source of inspiration.

I owe a special debt of gratitude to Dr. Phulan Rani, Assistant Professor, Biotechnology Department, DAV College, Dasuha, for her generous help and guidance in antimicrobial studies involved in this research work.

I acknowledge my sincere thanks to Dr. B. Narasimhan, Dr. Munish Garg, Dr. Sanju Nanda and Dr. Harish Dureja for their valuable guidance and suggestions throughout this period. My special thanks to all other faculty members of Dept. of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, who always extended their helping hands whenever I needed their help during this work.

I avail the opportunity to express my sincere thanks to all the Lab staff for their timely support and co-operation.
I am deeply obliged to Dr. Anil Kohli and Mr. Dhruv Kohli, Care Cosmetics Ltd. Kala Amb, for providing important information and valuable suggestions for making the formulation under this work.

I wish to express sincere gratitude to the management of Swami Devi Dyal Institute of Pharmacy for their constant encouragement and best wishes to complete this work.

It is my great pleasure and privilege to extend my sincere thanks to my friends Ekta, Prerna and Preet Kamal who always supported me and provided me moral strength.

A journey is easier when you travel together. It is the moment of great pleasure and immense satisfaction for me to express my feelings for Rajiv my husband. His love, affection, caring attitude, patience, support and understanding in all ups and downs never let me feel alone during this tiring journey of five years for completion of this work. I owe a great debt of gratitude to my loving sons Lakshay and Aradhay. It was their time, which I stole to complete my work.

Last but not the least, the uninterrupted, untiring, ever encouraging support and selfless sacrifices of my parents and parents in laws which sustained me during the course of my study, will remain indelible forever in my life. I am fortune to have sisters and brothers like Geetika, Neetika, Sandeep, Pardeep and Ashish with whom I shared all my problems and troubles. They always stood behind me and provided me great zeal and enthusiasm. I would like to convey special thanks to my loving bhabhi, Vandana for her love, care and untiring support. Lastly, thanks to all the tiny tots, Ryan, Diksha and Allayna for their love and affection. I am proud to have one of the most loving, caring, sharing and closely knitted family on Mother earth. It is to these dear ones that I lovingly and solemnly dedicate my thesis.

Dated: 

(POOJA ARORA)