ACKNOWLEDGEMENT

First & foremost, I would like to thank “The Almighty” for blessing me and making me capable of doing this work.

The most pleasing feature of this thesis writing is to thank all the persons who were associated with me in completion of this work.

First of all I express my heartfelt gratitude and sincere thanks to my revered supervisor Dr. Baljeet Singh Yadav, Associate Professor & Head, Department of Food Technology, M.D. University, Rohtak. I will always be grateful to him for his guidance, logical criticism, keen interest, construction and valuable suggestions in planning and execution of this research. I deem myself fortunate to work under his guidance and for providing me valuable advice and selfless encouragement at every stage of this investigation making the work easier, interesting and meaningful. It would not have been possible to complete my Ph.D. without his encouragement and inspired devotion.

I extend my grateful thanks to Dr. (Mrs.) Ritika, Assistant Professor, Department of Food Technology, M.D. University, Rohtak for her guidance, caring and kind support in my entire research work. She has been very suggestive and motivating during my research work.

I express my sincere thanks to Dr. Munish Garg, Department of Pharmaceutical sciences, M.D University, Rohtak for providing the HPTLC instrumentation facility.

I avail this opportunity to thank non-teaching staff of Department of Food Technology for their kind assistance in every possible way.

I express my deep felt thanks to my lab mates Mr. Priyati Gulriya, Mrs. Nidhi and Ms. Suman for their ever ready help. The lively company and help of my Lab colleague Mrs. Munish Siwach during my crucial period of work is unforgettable.

It is my pleasure to acknowledge the helping hand and lively company of Dr. Jaibir Yadav, Dr. Sandeep Yadav, Ashwani Sir, Jiternder, Sandeep Kundra and Shri. My heartiest thanks to all of them.

The diamond in the ring of my career was due to the true, loyal and pure company of my ever best friend, Mr. Sunil Yadav, who always encouraged me to have faith in myself and I am grateful to my younger brother, Braham & Lokesh for their support and indirect willingful help.

The work of my thesis would not have been completed without the blessing of my parents. I am unable to express my gratitude for my parents in words, whose magnificent love, support, encouragement and patience enable me to achieve and shape me into what I am today. Words fail to express my appreciation to my grandfather Dr. Hira Lal and grandmother, Late Smt. Kalawati Devi. A grateful appreciation and the stimulating influence of my wife Mrs. Anu for her unconditional love, endless support, great caring and encouragement throughout this journey. Love and kudos to my son Master Namish for bringing lots of happiness and positive energy to me and joy in our family with his innocent smiles.
I acknowledge the University Grants Commission, Government of India, New Delhi for providing financial assistance in the form of project fellow and M.D. University, Rohtak for providing me a platform from where I can scale the greatest heights in my carrier.

A big thanks to every person who has somewhere, somehow been linked to me during completion of my research work.

Roshan Lal