I am highly obliged to Dr. D.N. Prasad, M.D., Ph.D., F.I.C.A.I. our Principal, M.L.B. Medical College, Jhansi for allowing me to carry out this work, and kindling in me the requisite self reliance and confidence.

It is with immense pleasure that I express my deepest sense of gratitude to my revered teacher, Dr. V.K. Kulshrestha, M.D., Professor and Head, Department of Pharmacology, M.L.B. Medical College, Jhansi under whose able supervision and invaluable guidance, the present work has been carried out. It is largely due to his efficient, constant and untiring guidance and encouragement, wise concrete suggestions and meticulous attention to details that this work has been light of the day. I find words grossly inadequate to express my indebtedness for his benevolence.

I acknowledge the deeper sense of involvement and constant interest taken by Dr. M.B. Mishra, M.D., Reader in Department of Pharmacology, M.L.B. Medical College, Jhansi. His valuable suggestions were always available whenever required.

I express my heartfelt gratitude to Dr. V.V. Sharma, M.D., Lecturer, Department of Pharmacology, M.L.B. Medical College, Jhansi, for his overall help at all stages of his work. His thought, discussions, sympathetic appreciation of limitations and difficulties throughout the
study inspired a sense of confidence that enabled me to meaningfully complete this work.

The ever available help, suggestion, criticism and encouragement of Dr. B.B. Nayak, M.D., Lecturer, Department of Pharmacology, M.L.B. Medical College, Jhansi, are acknowledged with gratitude. His encouraging involvement was of immense help.

The help rendered by Mr. O.P. Shukla and G.S. Shukla during laboratory work is really appreciated.

The ever available help of Dr. Anil Kaushik at all stages of this work has contributed in a significant manner in the completion of this work.

I wish to thank Dr. Anil Nigam, Dr. Harendra Kumar, Dr. Rajesh Gupta, Dr. P.K. Dubey for their continued help in my work.

Co-operation of my son is also highly appreciated who disturbed me to minimum for the completion of this work.

I am thankful to Shri Siddiqui Ali and Shri M.S. - Saxena for typing the manuscript excellently with a sense of involvement.

My heartfelt thanks are also due to Unichem Laboratories (Bombay), Mc Neil Laboratories (Washington), I.D.P.L. (Hyderabad) and Boot's Laboratories (Bombay) for supplying samples used in this study.

The lives of innocent animals, sacrificed to lighten the misery of Man, is highly appreciated.