ACKNOWLEDGEMENTS

After all those years, I have got quite a list of people who contributed in some way to this thesis, for which I would like to express thanks.

With great pleasure and a deep sense of gratitude, I wish to record my genuine admiration and sincere thanks to my research supervisor, Prof. P. Raveendra Reddy, Department of Chemistry, Sri Krishnadevaraya University, Anantapur for his invaluable guidance, constant supervision, keen interest and personal care throughout the course of the present investigations and also during the preparation of the thesis without which this work would not have been possible.

I acknowledge my gratitude to the authorities of Sri Krishnadevaraya University, Anantapur, in particular to Prof. K. Hussain Reddy, Head of the Department of Chemistry for providing the necessary research facilities for carrying out my investigations.

I am grateful to Prof. V. Krishna Reddy, Department of Chemistry, Sri Krishnadevaraya University, Anantapur for his help from time to time during the course of my investigations.

I am thankful to Prof. R. Sreenivasulu, Dean of Physical Sciences, Department of Chemistry, Sri Krishnadevaraya University, Anantapur for his cooperation during my work.
I feel my duty to express my thanks to the all teaching staff of Chemistry department, Sri Krishnadevaraya University, Anantapur for their helpful discussions and encouragement during my research work.

For providing me with an environment and support for my work, I owe my eternal gratitude to Mr.Ch.Krishna Murthy, Chairman, Vishnu Chemicals Limited, Hyderabad.

Special gratitude goes to Dr.N.Appala Raju, working as Associate Professor in Sultan Ul-Uloom college of Pharmacy at Hyderabad, for providing numerous ideas, constant encouragement and useful discussions.

My sincere thanks are extended to Dr.Naveen and Dhananjaya on behalf of devoting their precious time and made many valuable suggestions which indeed helped improve of this analytical work.

I am really thankful that this research would not have been possible without that amount of faith in me and lots of wise words, and express my gratitude of Mr.Dileep Kumar Vatsa, ex-employee of Indian Drugs and Pharmaceuticals Limited, Hyderabad.

Finally, I really have to thanks my mother Seethamaha Lakshmi & Wife Sunyam and other family members for standing by me in good and bad times and for the incredible amount of patience they have with me.

(P.Janaki Pathi)