ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany the completion of my project is incomplete without expressing gratitude to the people who did their best by contributing in their own ways. The task of preparing this dissertation has been an overwhelming experience, an achievement in itself, like the birth of a river in the mountains cascading through the slope of the plains and meeting the sea. I remain indebted for the fresh lease and new dimension to my life, which means a lot to me and which has blended the past and the present and opened the doors for the future.

I consider myself to be very fortunate to have Prof. Dr. K. N. Jayaveera, Head, Department of Chemistry, Jawaharlal Nehru Technological University Anantapur, Anantapur, Andhra Pradesh, as guide, who with his dynamic approach boosted my morale, which helped me to a very great extent in the completion of this dissertation. His assurances and advice had helped me in good stead. His guidance, support, enthusiasm and encouragement made the dissertation an educative and interesting experience. His friendly approach is worth remembering and the way he cares for his project to perfection is an example in itself the way a mother nurses her newborn.

I am thankful to Prof. K.B. Chandra Sekhar, Director, Research and Development Cell, JNTU, Anantapur, for his valuable advice during the preparation of my dissertation.

I am profoundly grateful to the Management, specially Prof. Mohammed Khaleel, Principal, M. M. U College of Pharmacy, who has been a shining beacon, and who had been in constant touch with us to the run-up to the project.
I render my sincere thanks to Prof. Nirmal T. Havannavar, H.O.D, Department of Pharmaceutical Chemistry, M.M.U College of Pharmacy for his precious help while carrying out the synthetic work and all the help he had provided me, which was very encouraging, and his moral support which bring colour to this project.

My sincere thanks to all the teaching and non-teaching staffs of M.M.U College of Pharmacy, Ramanagara, for providing me valuable help and guidance throughout my project work.

I am also thankful to my friend Mrityunjay Mazumdar for his help and cooperation while carrying out this project.

Finally, I can hardly find any words enough to express gratitude to my Parents, Brother, Sister in law, my wife Ayanika my niece Piu & Pahi, and Pampi, Mumpi, Riju, Manti da, Khuku di, Tumpa di and many others whose tremendous encouragement, prayer, support and love have proved to be a real source of inspiration, and will remain so for the life to come, without which it would have been impossible for me to achieve this success.

“With malice towards none; with charity for all;
with firmness in mind, as GOD gives us to see the right,
let us strive onto finish the work we are in”

To the Almighty, who has given me this opportunity to extend my gratitude to all those who had helped and guided me throughout my research work; I bow my head before him for the blessings poured on me.

SUKHEN SOM