

ACKNOWLEDGEMENTS



A book of this magnitude cannot be produced without the help of my well-wishers teachers and colleagues. Among the former, I wish to express my sincere, heart felt thanks and in debtedness to my guide, **Dr. R.S.R. MURTHY, Professor in Pharmacy, Pharmacy Department** for his judicious guidance, critical suggestions and constant encouragement throughout this investigation. His perceptive criticism of my work broadened my understanding of the subject of my research work.

It gives me immense pleasure to express my gratitude to **Dr. S.H. MISHRA, Head, Pharmacy Department** for providing the necessary facilities for my work.

I express my gratefulness to **Dr. A.N. MISHRA, Professor in Pharmacy, Dr. (Mrs.) K.K. SAWANT, Reader in Pharmaceutics, Pharmacy Department** for their encouragement and critical comments, throughout my work.

I am extremely grateful to **Dr. (Mrs.) RAJINI GRIDHAR, Dr. R. BALARAMAN , Dr. M.R. YADAV, Mr. S.P. RATHOD**, and many others for their valuable suggestions.

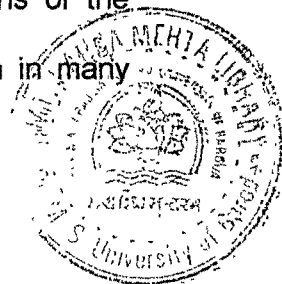
I would like to thank **Mr. ASWIN B. RAO, Mrs. VANDANA B. PATEL** and **Mr. C.D. UPASANI** for their kind interest and help.

My special thanks to **Dr. K. RUCKMANI, Principal, Periyar College of Pharmaceutical Sciences for Girls, Trichy**, for her kind attention, and inspiration.

My sincere thanks are due to **Mr. GOVIND, Scientist, CECRI, Mrs. K. REETAVIJAYARANI** for the help rendered during HPLC analysis and **Mrs. KARPAGAM KUMARA SUNDARI** and **Mr. A. JASWANTH** for their help during the pharmacological study and the Head of the **Department of Plant Science, Madurai Kamarajar University, Madurai** for his valuable help during the scanning electron microscopy study.

I also thank **Mercury Labs, Baroda, Lupin Pharmaceuticals, Mumbai**, for providing me the gift samples of Gentamicin Sulphate and Rifampicin.

I would like to put on record my gratitude to the librarians of the following institutions and industries for their help and co-operation in many ways.



- Cadila Pharmaceuticals, Ahemadabad.
- Sun Pharmaceuticals - Baroda.
- Food and Drug Laboratory - Baroda.
- Hansa Mehta Library, Baroda.
- Periyar College of Pharmaceutical Sciences for Girls,
Trichy.
- Kasturba Medical College, Manipal.
- Government Medical College, Baroda.

I am grateful to all my co-workers, friends and others who have helped me in some way or other in the fulfilment of this research work.

It is impossible for me to express in words my gratitude for the love, encouragement and help rendered to me by my **Parents, Brother, Husband, Daughter and my Sister-in-law (Miss. K.Tamilselvi).**

Today I have reached this level because of their commitment, patient understanding of my ambitions and their selfless personal sacrifices.

Lastly I thank AICTE for the selection of this Project (MODROB) and for providing financial assistance for this work.

AR. MULLAICHARAM