Acknowledgements

Words are inadequate and poor substitutes to express my indebtedness and no scales can measure the boundless gratitude to my beloved guide Dr. S. Venkataraman, Director, C.L.Baid Metha Foundation for Pharmaceutical Education & Research, Jyothi Nagar, Thoraipakkam, Chennai, Tamilnadu, for his valuable guidance, thoughtful discussion and sound advice, which are the root cause of my successes in attaining my academic ambition.

I gratefully acknowledge deep sense of gratitude to my co-supervisor Prof. Dr. K.N. Jayaveera, Professor & Head, Dept. of Chemistry, Jawaharlal Nehru Technological University College of Engineering Anantapur, Andhra Pradesh, for invoking confidence, spontaneous encouragement and inspiring guidance.

I am thankful to Prof. Dr. Mohammed Ibrahim, Principal, Nizam Institute of Pharmacy, Deshmukhi Village, Nalgonda Dist, Andhra Pradesh, for permitting me to carry out this work and for his valuable suggestions and I am equally happy to express my sincere thanks to Mr. Fathe Azmath, Joint Secretary Nizam Institute of Pharmacy for his clasping support and facilities provided by him.

My sincere and humble thanks to Dr. Yashoda Krishna, Principal Sri Sarada College of Pharmacy, Bhuvangiri; with out whom this book may not come to this shape.

It is pleasant duty to express my grateful thanks to Dr. Tasneem, Associate Professor, Ibn Sina National College for Medical Studies, Jeddah, KSA; Mr. Mohammed Abdul Rasheed, Senior Research Fellow (Chemistry), CRIUM, Hyderabad; Mr. Abidulla Khan, Associate Professor, Sultan-ul-Uloom College of Pharmacy, Hyderabad, and Mr. Shaik Azmatulla Basha, Senior Clinical Research Associate, Paraxel
International Pvt. Ltd. Bangalore, for their constant encouragement and suggestion throughout tenure of my work.

My sincere thanks to Dr. Zakiya, Principal, Deccan Medical College, Hyderabad to carrying out Histological studies of selected organs. I profusely thank Dr. K. Madhava Chetty, Asst. Professor Department of Botany, S.V. University, Tirupati, for helping during the collection of plant material.

I gratefully acknowledge the assistance and encouragement rendered by my research colleagues Mr. Subramanyam, Mr. Ramkumar, Mr. Mallikarjuna, Mr. Kiranvema and Mr. Sameer pasha.

I specially thank Mr. Fazil Ahmed, Mr. Mohammed Kazim, Mr. Majid Iqbal, Mr. Shaik Shafi Ahmed, Mr. M. A. Aleem, Mr. Asadulla Bokhtiyari, Mr. Pradeep Laad, Mr. Sudharshan Reddy, Mr. Mohammed Mansoor, Mrs. Kiranmai, and Mrs. Usha sri, who helped me by giving valuable suggestions.

Last but not least my warmest of warm and the important acknowledgement, by far, is to my beloved mother, brother, wife and teachers with deep appreciation for their indispensable encouragement, patience, devotion, compassion, generosity, unfailing courtesy and love that served as a source of inspiration, strength, determination and enthusiasm at each and every front of my life to transform my dreams into reality.

(Shaik Rasheed Ahemad)