ACKNOWLEDGEMENT

I wish to express my sincere thanks to my Research Adviser Dr. Mrs. N. SULOCHANA, Professor and Head, Department of Chemistry, National Institute of Technology, Tiruchirappalli-620 015, for her guidance, constant inspiration, encouragement, affection and co-operation to complete this piece of research work.

With deep sense of gratitude I express my sincere thanks to my Research Co-guide, Dr. V. VAIDHYALINGAM, Professor and Head, Department of Pharmaceutical Chemistry, Madras Medical College, Chennai-600 003, for his guidance, constructive suggestions and useful discussions in completing this research work.

I am thankful to the Director, National Institute of Technology, Tiruchirappalli, for his kind permission to carry out the research work.

I am thankful to The Chairman Dr. K. VARADHARAJAN, Thanthai Roever College of Pharmacy, Perambalur, for his interest in encouraging me in several aspects as a research scholar,

I am grateful to Dr. P. JAYARAMAN, Director PARC, Chennai-600 045, for his ready help and suggestions to carry out the Pharmacognostical work.

I remember with gratitude the help rendered by Dr. S. NARASIMHAN, Director, Asthagiri Herbal Research Foundation Chennai-600 059, in carrying out the studies of isolation and characterization of Phytoconstituents.

My immense thanks to Dr. C. RAMASAMY, Principal Aadhi Bhagavan College of Pharmacy, Cheyyar, for his valuable advice, encouragement and help.
I express my thanks to Dr. RAJKAPOOR, Assistant Professor, Vels College of Pharmacy, Chennai, for his ready help and valuable suggestions during my period of research.

I also thank the teaching and non-teaching staff of National Institute of Technology, Tiruchirappalli for their help, encouragement and support.

I express my thanks to Dr. VENKATNARAYAN, Principal, R.V.S College of Pharmacy, Coimbatore for his constructive suggestions and help.

I thank Dr. A. JASWANTH, Professor and Head, Department of Pharmacology, Periyar college of Pharmaceutical Sciences for girls, Tiruchirappalli, for his valuable suggestions and help.

I express my thanks to Mr. N. SRIDHAR, Mr. K. P. JAIGANESH and Mrs. M. SIVAGAMY, Lecturers, Thanthai Roever College of Pharmacy, for their kind cooperation, understanding and support.

I thank all the teaching and non-teaching staff of Thanthai Roever College of Pharmacy, Perambalur, who had been helpful to me in the progress of the research work.

I express my heartfelt thanks to Mr. P. JEYAKUMAR, Thanthai Roever College of Pharmacy, Perambalur, for the neat and efficient typing of the thesis and Mrs. S. Bindhu, Adyar Students Xerox Pvt. Ltd., Adyar, Chennai 600 020, for the neat printing and binding of the thesis.

It is my bounden duty to appreciate the great sense of understanding and the spirit of forbearance that my parents, my wife Mrs. Rajeswari and my children Shobana Devi and Shiva Shankar have remarkably exercised during the long period of my research work.

I express my deep sense of appreciation to all the well-wishers, who have helped me in various ways in completing my thesis work.

I am grateful to The Almighty for all inscrutable means by which He has fructified my effort.