

## ACKNOWLEDGEMENTS

*It gives me great pleasure to express my deep sense of gratitude to my research supervisor Prof. A. Varada Reddy, Department of Chemistry, Sri Venkateswara University, Tirupati, India. The present work bears at every stage the impression of his wise counsel and concrete suggestions, criticism and meticulous attention to details. It is indeed a rare privilege for me to work under his unending inspiration and indomitable spirit.*

*It gives me great pleasure to express my sincere thanks to Prof. Dr. S. Jayarama Reddy, Ex-Vice Chancellor, S.V. University, Tirupati for his valuable suggestions.*

*It is with profound sincerity that I acknowledge the help and co-operation given by Prof. M.V. Prabhakara Rao, Prof. K. Subramanyam Reddy, Prof. D. Gunasekhar and Prof. A. Varada Reddy, former Heads and Prof. A. Krishnaiah, present Head of the Department of Chemistry. I owe my flow of thanks to Dr. C. Nagaraju, Associate professor, Department of Chemistry for his help in spectral analysis of the compounds.*

*I feel it a pleasure to express my thanks to Mr. Balasubramanyam and Director, Indian Institute of Chemical Technogy, Hyderabad, for providing spectra for my samples.*

*I extend my sincere thanks to Prof. M. Dhanunjaya Naidu, Department of Biotechnology and Prof. K. Satyavelu Reddy, Department of Zoology, Sri Venkateswara University, Tirupati for providing spectrophotometer for the present work.*

*I humbly place on record my respect and gratitude to Dr. M.R. Ashok, Department of English, Sri Venkateswara University, Tirupati, for his acumen to refine this thesis most explicitly to reckon with the set standards.*

## Acknowledgement

*I acknowledge with affection and thank the arduous efforts of my senior colleagues, Dr. L. Subramanyam Sarma, Dr. J. Rajesh Kumar, Dr. C. Ramachandraiah, Dr. K. Janardhan Reddy, Mrs. D. Lalitha Priya, Mrs. P. Sreedevi and S. Lakshminarayana. I am delighted to acknowledge to the cheerful support and assistance rendered to me by my co-researchers Y. Subba Rao, B. Pruthi, N. Naghubhushan Reddy and M. Venugopal Reddy.*

*I affectionately acknowledge the timely help, co-operation, encouragement and moral support received from my heartiest friends, Mr. M. Gopal Reddy, Mr. K.V.N. Mohan, Mr. J. Surendra Reddy, Mr. C. Bhupendra Reddy, Mr. Sankar Naik, Mr. G. Sankar Reddy, Mr. C. Venkata Krishna, Mr. K. Pratap, Mr. T.V.M. Sreekanth, Mr. B. Sidda Reddy, Mr. N. Nagesh, Mr. N. Krishnaiah, Mr. Venkata Subbaiah, Mr. K. Siva Kumar, Mr. Dr. K. Sreenivasulu, Mr. Y. Subba Rami Reddy, Mr. M. Krishna Reddy, Mr. D. Kishore Kumar Reddy, Mr. N. Visweswara Reddy and Miss. C. Latha.*

*It is right time to express my heartfelt thanks to my mother and father Smt. S. Savithramma, Sri. S. Narayana Reddy and beloved sisters Miss. R. Naghasubamma, Miss. A. Vijaya Lakshmi and my mother-in-law Smt. S. Suguna and my father-in-law Lat. S. Nagasubba Reddy and brother-in-law R. Bali Reddy, A. Venkata Subba Reddy, B. Ramakantha Reddy, sister-in-laws Miss. B.V. Madhuri and S. Sindhuja for their unbounding affection and a source of constant inspiration throughout my educational career.*

*Finally, a word of appreciation goes to Mr. P. Murali, for neat and accurate execution of the thesis*