ACKNOWLEDGEMENT

I express my proud sense of gratitude to my esteemed Research Directors Prof. P. Rajeswara Rao and Prof. B. Ganga Rao for suggesting the topic and giving valuable guidance, immense support, useful criticism and constant encouragement throughout the course of this project.

I convey my grateful thanks to Prof. S. Ganapaty, Principal, A.U. College of Pharmaceutical Sciences, Andhra University.

My special thanks to Prof. A. Annapurna, Sri. K. Eswar Kumar, Prof. K. V. Ramana Murthy and other faculty members of A.U College of Pharmaceutical Sciences, Andhra University.

I acknowledge my gratitude to the authorities of Andhra University in providing the necessary facilities and also to the Indian Council of Agricultural Research (ICAR) / National Agricultural Innovation Project (NAIP), New Delhi for financial support which enabled me to successfully complete the Research Programme.

I convey my grateful thanks to Co-Research Scholars T. Mallikarjuna Rao, V. S. Praneeth Dasari, whose consistent support and occasional advice helped me to complete this work successfully.

I thank to Sri. T. Ramasubba Rao, Dr. P. Prayaga Murthy, Dr. K. Kishore Kumar, L. Swetha Chowdary, Madhu Kumar Savarapu, Jagan, Madhu Kiran.P, Chandra Kumari Dasari, Sunil, Sampath Kumar, Gangadhar Hari, Sunil Kumar Patnaik, P. Haritha and K. Tejaswini who have extended their help and encouragement for completion of my thesis.
I am gratefully beholden and owe a deep sense of honor of my beloved mother Sri.Nagamanimma for her uncomparable renunciation and my father Sri.Daniyal for his dedicated efforts to educate me to this level and whose unparallel affection and persistent encouragement in shaping my career will go a long way throughout my life.

I am Life long grateful to my sisters Sunitha and Chilakamma who sacrificed their life as illiterates and worked for my education and for my better future.

I specially thank to the entire faculty, my co-research scholars and supporting staff of AU College of Pharmaceutical Sciences, Andhra University who have extended their help and encouragement directly or indirectly towards completion of my thesis.

I take this opportunity to specially thank my Brother and my role model Nagaraju Gundimeda, Reader, University of Hyderabad who showed ways for life by fighting against problems of poverty and literature.

I am also thankful to my Brother Srinivasa Rao Gundimeda and Brother in-laws Nagaraju Kavuri, Srinivasarao Kavuri and sisters Bharathi, Suvarna, Thabitha and Anusha for their support.

I privileged to express my great sense of gratitude and respect toward my Grand father late Sri.Ethadi Sriramulu and my Uncle late Sri.Kavuri Nageswara Rao, my first guru who ignited knowledge in me by joining in school.

SAMBASIVARAO ETHADI