ACKNOWLEDGEMENTS

I am extremely grateful and highly indebted to my beloved teacher and research supervisor, Prof. BONTHA RAJASEKHAR REDDY for his excellent supervision and for providing me with a challenging and interesting project to develop my own investigation and analytical skills. His keen interest, inspiring encouragement, immense patience has made me a remarkable influence on me. Without his cooperation and kind help, I would not accomplish this research work. I am also indebted to him for his helpful discussions and constructive criticism and showing me how to analyze and compare my work. I would always be kindful and greatful to him.

With immense pleasure, I wish to express my affectionate gratitude to my parents for their ever-lasting love, encouragement and support. I express my deep sense of love for my caring parents Sri. Kalva Subbarayudu and Smt. Prameela for affording me every opportunity and bearing the financial burden thereof and for being my emotional cruth- for always being a hand to listen and support. without whose prayers and blessings my quest would have remained unfulfilled.

I am very grateful to Prof. K. Venkateswarlu, Chairman, Prof. R. Ramanjeneyulu, Prof. V. Rangaswamy, Prof. P.B.B.N. Charyulu BOS and Prof. B. Venkatappa for their co-operation and constant encouragement.

I also wish to express my gratitude to Prof. M.A. Singaracharya, Department of Microbiology, Kakatiya University for providing me with the fungal isolates.

I thank Dr (Mrs.) Vasundhara Rajasekhar Reddy, Chaitanya and Mohanadithya for their affectionate treatment.

My special and heartily thanks to Dr. Buddollo Viswanath (PDF) Durban, South Africa. For collecting relevant literature and a lot of encouragement, love and being stood besides me in all the times of my research work.

Words are insufficient to express my heartiest thanks and appreciation to my beloved one’s- Srilatha, Usha, Katyayini, Naveen babu, Shiva, Eswar, for their constant love, care, help, encouragement, immense patience, during all the times of my research work and also for giving me the much needed company and fun.
A special word of thanks to my colleagues Dr. Rafi, Pallavi, Subhosh Chandra, Subbareddy, Srinivasulu, Jaffer, Varalakshmi, Suneetha, Vasundhara, Monika for their support.

I wish to extend my thankfulness to other Department Scholars Kareem, Suseela, Soujandhika, Chaitanya, Babjaan, Rajasekhar, Sudhakar, Ramesh, Kavitha, Sailaja and friends Sreeram, ravi, Satish, Bhaskar, Purushotham, Shiva, sravan, sreedhar, for their support during the course of my research work. Who have helped me and yet remained anonymous.

My Sincere thanks to Ramaiah, Parvathi, Kalyani, Ravi, Dhana, Chaitu, Sai, Veena, Sravanthi and Kiran.

I thank to my Family Members; Maanasa and loving brother Vamshi Krishna (Mahesh babu), (Mrs.) Suneetha Ravi and their loving son Mohit, for their affectionate treatment, love and encouragement. I would like to place my gratefulness to my Grand Father and Mother Kalva Pullaiah & Pullamma.

I thank all those authors of whom a reference is made in this thesis.
Finally to my Lord and Saviour, Without whom nothing would be possible but with whom -every thing is!

(KALVA PRAVEEN KUMAR)