Acknowledgements

From the innermost depths of my heart I thank God for all his graces whose everlasting mercy has permitted me to complete the task in full. My sincere and respectful thanks to all those who have been helpful and cooperative to me all through my hard days in the last four years.

I express my profound gratitude and acknowledge the genuine cooperation, inspiration and affection offered by my guide Dr. Akheel Ahmed Syed, Professor of Analytical Chemistry, Department of Studies in Chemistry, University of Mysore, Manasagangotri, Mysore, India right from the initiation of the work to the preparation of the manuscript. I remember with all respects the enthusiastic guidance basing on his well founded knowledge and valuable experiences although my endeavors. It is indeed a rare privilege for me to work under his enduring inspiration and indomitable spirit.

I wish to express my sincere thanks to Prof. S.L. Belagali, Professor and Co-ordinator, Department of Studies in Environmental Science for his constant encouragement during the course of my work. I am also thankful to all the teaching and non teaching staff, Department of Studies in Environmental Science, University of Mysore, Mysore for their kind co-operation during the course of my research work.

I wish to express my sincere thanks to Mr. M. Rudraiah, Deputy Registrar, special cell for SC/ST, and all other staff members, Centenary Hall, Mysore.

I am grateful for the financial support provided by University of Mysore, Mysore through SC/ST cell to complete my research work.
My sincere thanks are due to the present and past Chairpersons, Department of Studies in Chemistry, University of Mysore, Manasagangotri, Mysore, India for their cooperation and help during my research programme.

It gives me immense pleasure to express my deep sense of reverence and gratefulness to all the teachers and non teaching staff of Department of Studies in Chemistry, University of Mysore, Manasagangotri, Mysore, India for their help to me for the successful completion of my task.

I extend my humble appreciation to Analytical lab staff, Ms. Geethanjali, Ms. Jayamma and Mr. Puttaraju for all the help they have rendered to me during the course of research work. My special thanks to Mr. Rasheed mahamood for the neat and accurate presentation of the manuscript.

I acknowledge with gratitude Dr. Kalyanaraman, V and Ms. Hema D, Flavours and Essence Mysore, Dr. Radhakrishna, Defence Food Research Laboratory, Mysore, for their help and valuable academic suggestions.

I am very much thankful for the assistance I have received from the staff of University Library, Manasagangotri, Mysore.

My high appreciation to my colleagues Mr. O. Obaiah, Ms. Mohsina Begum, Dr. S. Suresha, Dr. S. Manjula, Dr. Ayisha syeda, Mr. Salman Khan, Mr. D.A. Manoharan, Mr. Riyad Ahmed Al-Okab, Ms. Masoumeh Moghimi, Ms. Ayisha Sulthana, Mr. Syed Hidayatulla, Mr. Syed Murtuza Ali, Ms. Divya Srijith, Ms. Divya thomas and Ms. K. S. Geetha, all other research scholars of the Department of Chemistry and Environmental Science for their valuable and unselfish help in my endeavors.
It is a pleasure to express my deep sense of reverence and gratefulness to my colleague Mr. Narasaraju ENK Murthy for his help and guidance during my research work.

I know very well that these few words of expressing gratitude will be barely insufficient for all the encouragement and mental support I have received from my father Mr. Rangaiah, mother Ms. Lingamammani, My elder brother Mr. Nanda Kishore, younger brother Mr. Vijay Kumar, elder sister Ms. Savitha, brother-in-law Mr. C.R. Yogananda, Sister-in-law Dr. Hema Priya, Niece Amrutha. Y and all my friends for their affectionate encouragement and blessings.

Finally, the adjustments shown by my daughter Miss. Dhanya (Honey) during research work and during the preparation of the manuscript also deserves a special mention.

At last but not the least I would remember those people who all are responsible in either of the way to carry out my research work.

R. Sunitha