ACKNOWLEDGEMENTS

I am gratefully indebted to my Research Supervisor, Professor T.M. Aminabhavi, Department of Chemistry, Karnatak University, Dharwad for his enthusiasm, continuous support and positive criticisms of this research work.

I am extremely grateful to the Department of Science and Technology, New Delhi [(No. SP/S1/H-26/(PRU)96)] for awarding me the Junior Research Fellowship from 1997-2000, facilitating me to work in this project.

I am also grateful to Professor K.S. Amur (Retired), Department of Mathematics, Professor R.H. Balundgi (Retired), Professor M.I. Aralaguppi, Dr. M.Y. Kariduraganavar and Dr. (Mrs.) L.S. Manjeshwar of our Department for their continuous, thoughtful and moral support during the tenure of this work. Professor V.B. Mahale, Chairman, Department of Chemistry deserves special thanks for his encouragement and support.

I am fortunate to have excellent research colleagues, Dr. V.B. Patil, Mr. K.S. Soppimath, Mr. A.R. Kulkarni, Mr. U.S. Toti, Mr. S.G. Kumbar, Mr. M. D. Kurkuri and Jyoti N. Nayak who have been very helpful to me in many ways. I also thank Miss Sujata. H. K for typing assistance.

The support, help and kind suggestions rendered to me by Dr. Ramachandra S. Naik, Department of Biochemistry, Georgetown Medical Center, Washington, USA is unforgettable. I am also thankful to my friends, Ullas N. Shetti, Govt. College of Arts & Science, Karwar, Nagaraj N. Katagi, MIT, Manipal, Kiran Y. Anklekar, Mohan G. Naik, Somashekhar M. Gowda, Vinayak M. Nayak, Anil D. Naik, Manjunath Naik, Sunil G. Naik, Ganapati V. Hegde, Avinash,
Manoj, Sunil and others for their cooperation and help during the course of my study. I am also thankful to Prof. R.A. Prabhu, MGC College, Siddapur, Dr. B.M. Swamy, Department of Biochemistry, Karnatak University, Dharwad and his family for their enthusiastic support.

I am also thankful to Mr. S.R. Deshpande, Mr. Ganesh D. Kundargi, Mr. C.C. Pattanashetti and other staff of University Scientific Instrumentation Center at Karnatak University for their kind cooperation during this research.

Finally, I am grateful to my parents, Shri Ganapati H. Naik and Smt. Mahadevi G. Naik, for their encouragement and support during the course of my study. I am also grateful to my brother, sister-in-law, sisters, brothers-in-law and their children for giving me the moral support in my career.

HUCHCHURAYA G. NAIK