ACKNOWLEDGEMENT

As to knowledge concerned with research, there is a step to be taken before one can fairly enter upon any path. In the immense field of this kind of knowledge, innumerable are the paths, and TEACHER is the gate of entrance to them all. I express my esteem and profound sense of gratitude to my teacher Dr. S. T. Nandibewoor, for suggesting the problem and inspiring guidance in carrying out my research work.

I must admit my deep and sincere thanks to Dr. J. R. Raju, Reader (Retd), Department of Chemistry, Karnataka University, Dharwad, for his valuable discussions – highest accolades, which thus aggrandized my interest towards kinetics. He is acknowledged of being an aider and inceptor of this investigation.

I gratefully acknowledge the facilities provided by Karnataka University, Dharwad. I would like to express my deep gratitude to The Chairman, PG. Department of studies in Chemistry, Karnataka University, Dharwad. I also take this opportunity to thank all the staff members of the Department of Chemistry, Karnataka University, Dharwad, for their valuable help and encouragement. I am indeed greatly indebted to the staff members of U S I C, Karnataka University, Dharwad for providing the instrumental facilities.

I would like to say special word of thanks to Dr. S. S. Sadaginamath, Dr. V. K. Revankar and Dr. M. V. Kulkarni, of Department of Chemistry, Karnataka University, Dharwad, for their inspiring concern at every stage of my research work.
It is an axiom that friends are gifts of gab. I wish to aver that I am certain of success because of the pure altruism and everlasting cooperation of my friends and co researchers Mr. D.L. Kamble, Mr. P.B. Timmanagoudar and Mr. R.B. Chougle. I wish to thank my senior researchers Dr. S.C. Hiremath, Dr. G.H. Hugar and others who made valuable suggestions about general techniques regarding the experimental section. I acknowledge with gratitude the kindness and warmth encouragement of Mrs. P.M. Wagh and also other friends, that augmented my efficiency to work hard.

My heartfelt thanks go to my father, Prof. A.S. Hiremath, mother, Smt. Leelavati, my sister and my brothers for their loving interest and concern about every endeavour to reach my goal. I am greatly thankful to my well wishers and supporters, Dr. S.G. Mathad, C.B. Kuruvattigoudar, D. Amritgouda, C.C. Mundasad and C.H. Uppin whose compliments were really conducive to achieve my desideratum.

The material presented in this thesis stems from my perspiration as well as inspiration of many. At this juncture, there are so many teachers, friends and colleagues to acknowledge that I can’t list them all. Above all, I would like to express my fond appreciation to all of them.

Gouri A Hiremath