ACKNOWLEDGEMENTS

I express my deep sense of gratitude to my teacher and guide Dr. I.D. Shetty, Retired Professor of Statistics, Karnatak University, Dharwad for his valuable guidance in preparing this thesis. I owe him the greatest debt, for his inexhaustible patience, unfailing willingness to discuss, and effective guidance in bringing this thesis to the present form. He was a constant source of inspiration at every moment, which gave me pleasure to work under him. Thank you sir.

I am grateful to Dr. A.S.Kadi, Professor and Chairman, P.G. Department of studies in Statistics, Karnatak University, Dharwad, for the facility and all the required help provided during my research work. I am thankful to other faculty members Dr.(Smt). S.V.Bhat, Dr.(Smt). S.B.Munoli, Sri. A.S.Talawar and Dr. Joshi for their encouragement and suggestion. I am also thankful to other non-teaching staff members of the department for their kind co-operation.

I am thankful to my friends, fellow research workers and my seniors for all the help that they have extended.

I am extremely grateful to my husband, mother, brothers, mother-in-law, relatives and cousins for their understanding, support and encouragement during my research work.

I am thankful to Sri. Mahantesh, Book Binding and Xerox, for neat and attractive binding.
Lastly, I must thank all those who have extended their help directly and indirectly during my research work till its completion.

Place: Dharwad.
Date: September 2008

Keerthi. M. Mathad