Acknowledgements

This thesis is the result of five years of work whereby I have been enriched and generously supported by many people. It is pleasant, at the end of the journey, to express my gratitude to all of them.

The first person I would like to thank (though it is very mundane) is my supervisor, PROF. AJAY KUMAR CHAKRABORTY whose unstinted help, stimulating suggestions encouraged me all the way throughout the journey.

I am deeply indebted to my associate supervisor, DR. KALLOL BHATTACHARYA, without whose shepherding this thesis would have read like Edward Lear’s “Complete Nonsense.’

I am delighted to express my gratitude to DR. AJAY GHOSH who kept an eye on the progress of my work and always was available when I needed his cerebral advices.

I am really grateful to all the teachers and the colleagues of my department for providing me with a congenial atmosphere for the work.

My gratitude knows no bounds for my parents and uncle who formed part of my vision and taught me the good things that really matter in life. I would like to thank them for their love, and broad charity, and last but not the least for taking over the household chores (quite irksome at times!).

My otherwise busy husband always found some time for me when I needed a pat on my back.

This research has been supported and funded by the Central Scientific and Industrial Research (CSIR) Human Resource Development Group (HRDG), Government of India. I am thankful to the CSIR for the financial support provided to me for this study.