ACKNOWLEDGEMENT

With great pleasure I take this opportunity to express my deep sense of gratitude and heart-felt thanks to several individuals and institutions from whom I received impetus, motivation and invaluable help during the course of my research work.

I am immensely pleased to place on record my deep sense of gratitude to Dr. C.S. Bagewadi, Professor and Chairman, Department of P.G. Studies and Research in Mathematics, Kuvempu University, for his inspiring guidance and constant encouragement, invaluable discussions, moral support and suggestions throughout the course of my research work.

I sincerely express my deep sense of everlasting profound gratitude to my mentor Dr. Venkatesha, Assistant Professor, Department of P.G. Studies and Research in Mathematics, Kuvempu University, for his inspiring guidance, sustained interest, constant encouragement, invaluable discussions, moral support and suggestions throughout the course of my research work without which the work would not be completed. I am indebted to him and his family for their keen interest in my academic and personal welfare, which is instrumental in accomplishing this task.

I am always grateful to the professors Sri. Gnanendra Prabhu, Dr. S.K. Narasimhamurthy, Dr. B.J. Gireesha for their concern, invaluable advice and endless support throughout my research work. Their involvement has triggered and nourished my intellectual maturity and has benefitted me, for a
long time to come.

I would like to thank profoundly Sri. Dr.G.T.Sreenivasa, Dr.B.C. Prasanna Kumara for their help and co-operation throughout my work.

I am especially thankful to Dr.D.G.Prakasha, Dr.Pradeep Kumar Dr.N.S.Basavarajappa, Dr.Aveesh, G.N. Latha Kumari, C.S. Vishalakshi, Mahesh, Harish, Gopala Krishna, S. Lokesh, Dr.P. Venkatesha, H.J. Lokesha, Ajith, K.T. Pradeep Kumar, Yuvaraja.U, Shivarayappa, N. Natesha and Smt.Ambika.

I also thank the staff of the Kuvempu University Library, the library of TIFR, Mumbai and the library of IISc, Bangalore for providing precious information for my research work.

I would like to express my sincere thanks to TEQIP, Management, Principal of Sri Siddhartha Institute of Technology, Tumkur for giving me an opportunity for research work and providing me various facilities. I am also thankful to Prof.R.Narasimha swamy and faculty members of the Department of Mathematics, SSIT.

I express my gratitude to family members, relatives and friends for providing me endless support and encouragement.

Finally, it is impractical to provide an accurate acknowledgement. Regardless of the source, I wish to express my gratitude to those who have contributed to this work, even anonymously.

Place: Jnana Sahyadri

Date: 16.04.2010.

[Karekal Naganagoud]