

# ACKNOWLEDGEMENT

At the out set, I would like to thank our Management and Chairman **Lion Dr.K.S.Rangasamy M.J.F.**, K S R Educational Institutions, Tiruchengode for having permitted me to pursue my Research Work and **Dr. K. Thyagarajah**, Principal, K. S. Rangasamy College of Technology, Tiruchengode, Namakkal, Tamilnadu, India.

I express my heartiest thanks to my Guide and Supervisor **Dr.E.Thandapani**, Professor of Mathematics, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai for his valuable guidance. His constant supervision and constructive ideas helped me a lot towards the successful completion of the thesis in time. In fact, I got registered as a Research Scholar under his dynamic guideship when he was the Professor and Head, Department of Mathematics, Periyar University, Salem. I take this opportunity to record my deep sense of gratitude to him.

My sincere thanks are also due to the faculty members of the Department of Mathematics, Periyar University, Salem for their unstinted encouragement and support.

I also thank **Dr.P.S.Raja**, Department of Mathematics, Little Flower Higher Secondary School, Salem for his valuable constant encouragement and excellent technical support in the neat preparation of the thesis.

I extend my heartfelt thanks to the HoD and Staff members Department of Mathematics, K.S.Rangasamy College of Technology, Tiruchengode for their kind Co-operations during the period. I acknowledge the constant motivation received from my **Parents**, Brother **R.P. Vasanthan** and my husband **Dr.C.Kannan** and Children who cheerfully bore the hardship at the home front.

Above all I thank God, the Almighty and pray that He may shower His Blessing upon all those who have helped me during the period of my Research Work.

**R.P.Vasanthi**