ACKNOWLEDGMENT

Gratitude when expressed in words is worth half acknowledgment. I avail this opportunity to thank and express my deepened sense of gratitude and respect for my esteemed guide Prof. B.K. Sharma, Head, School of Studies in Mathematics, Pt. Ravishankar Shukla University, Raipur (C.G.). His untiring help and guidance, inspite of his hectic scheduled, has made my humble endeavor see the light of day, and I state it, minus exaggeration and hyperbole, with all truth and sincerity. I am thankful to Dr. (Mrs.) Kalpana Sharma for her hospitality.

I am thankful to Dr. Pradeep Choube, Head, Department of Mathematics, Govt. Science College, Raipur (C.G.), Dr. G. Gupta, Dr. (Mrs.) V. Karanjgaokar, Dr. B. P. Tripathi and Prof. R. A. Siddiqui for their nice cooperation and encouragement during my research work.

I am also thankful to Dr. D. R. Sahu and Dr. B. S. Thakur who helped and encouraged me in preparing this work.

I am also thankful to Dr. M. R. Yadav for his excellent computer work and computer typing, and thankful to Shri A. R. Sahu for his kind co-operation during the progress of my research work.

I am deeply indebted to my family for their constant inspiration and sacrifice during these hours of trial. I would like to make a special mention of my wife Satnam Kaur who with her dauntless spirit cheered me up when I was at the lowest. I am sure without her I would not have achieved this feat.

I express my thanks to all my well wishers.

Gurucharan Singh Saluja