ACKNOWLEDGEMENT

I sincerely express my gratitude to Dr. Sanjib Kumar Datta, Senior Lecturer, Department of Mathematics, University of North Bengal for guiding me to prepare the thesis, instilling the inquisitiveness for research within me, offering valuable suggestions for the corrections and improvement of the thesis and above all for sufficiently sharing with me his valuable time from his hectic schedule.

Words are not sufficient for me to express my indebtedness and owe and my unlimited gratitude to my parents Mr. Deb Narayan Das & Mrs. Anubha Das for their most affectionate encouragement, selfless devotion, endurance and blessings throughout my carrier. I am really grateful and I would like to express my special thanks and love to my younger brother Biswarup Das for his all time, untiring help and fondness and sacrifice throughout my life. Without the acknowledgement offered to him, my writing should not be fulfilled. I would like to express my heartiest love and respect to my entire family members.

I feel colossal pleasure and express my grateful thank to my respected teacher Mr. Sagar Chowdhuri, Department of Economics, Rani Dhanya Kumari College, Jiaganj, Murshidabad for his useful suggestions, kind help and cooperation throughout the course of this study.

I also like to thank all the faculty members of the Department of Mathematics, University of North Bengal for their mental support. Also I am greatful to the infrastructural support of the Department of Mathematics, University of North Bengal to commence my research work. I want to convey my bounty of heartfelt thanks to my fellow research scholars for their hearty co-operation.

I am also thankful to the authors of various papers and books which have been consulted during the preparation of the thesis. The author is also responsible for any possible errors and shortcomings, whatever it may be in the thesis despite the best attempt to make it immaculate.

Lastly I greet my respect and grateful thanks to the 'Almighty' who is the master designer-director of my heart, soul and mind for his blessings to me to complete the thesis in due time.

Dated: November 26, 2009

Raja Rammohunpur

Darjeeling.

Aruf Ralan Das (Arup Ratan Das)