

ACKNOWLEDGEMENT

I am extremely happy to take this opportunity to acknowledge my debts of gratitude to those who are associated in the preparation of this thesis.

It has given me immense pleasure to express my deep sense of gratitude and sincere thanks to my venerated and dynamic guide Prof. Sahin Ahmed, Professor & HoD, Department of Mathematics, Rajiv Gandhi University (A Central University), Rono Hills, Itanagar, Arunachal Pradesh for his valuable guidance, constant encouragement, critical review and inspiration extended during the course of the study and as a result of which I have been able to present my thesis.

It is a great pleasure to express my earnest regards to my Institutional guide Dr. S. M. Buzarbaruah, Professor & HoD, Department of Mathematics, University of Science and Technology Meghalaya for his keen interest in supervision.

I am grateful to Abdul Bareque Miah, Principal and all the members of Governing Body, South Salmara College, South Salmara, South Salmara Mankachar district, Assam, for giving permission, suggestions and encouragement for the study.

My hearty gratefulness goes to Mahbulul Hoque, Chancellor, Dr. P. G. Rao, V.C., Dr. R.K. Sharma, Pro-VC, Dr. Chira Ranjan Sarkar, Controller of examination, Dr. Enamul Karim, Dean, Applied Science, Dr. Gautam Sarma, Dy. Controller of Examination, teaching as well as non-teaching staff of the Department of Mathematics, USTM for their valuable suggestions and encouragement.

I am grateful to all the teaching as well as non-teaching members of South Salmara College, South Salmara Mankachar district and Karabi, Nabajyoti, Baten for their help and cooperation in all the stages of my study.

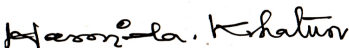
I am pleased to Sanjit, Kamakhya Studio & Stationeries, Jayanagar, Guwahati for arranging to print the thesis.

I am indebted to my husband Dr. Azizur Rahman and all the family members for their boundless love, moral support, prayer, sacrifice and keen desire in seeing me through this undertaking.

Finally, I would like to thank all those who had helped me directly or indirectly during the course of the study.

Place: 9th Mile

Date: 30th August, 2017.


(Hamida Khatun)