



Acknowledgement

ACKNOWLEDGEMENT

First and foremost, the investigator is extremely thankful to the **LORD ALMIGHTY** for his grace and blessings showered on her.

The author expresses her sincere thanks to Honourable **Thiru.T.K.SHANMUGANANDAM**, B.A., B.L., Chancellor, Avinashilingam University for Women, Coimbatore, for providing the conducive infrastructure for the conduct of the research study.

The author records her deep sense of gratitude and indebtedness to **HONY.COL. Dr.(Tmt.)SAROJA PRABHAKARAN**, M.A., Dip.Ed.,(Madras), Ph.D.(Mother Teresa), Vice Chancellor, Avinashilingam University for Women, Coimbatore, for providing adequate help towards the completion of the study.

The author extends her heartfelt thanks to **Dr.(Tmt.) GOWRI RAMAKRISHNAN**, M.Sc. (Madras), M.Phil., Ph.D. (Avinashilingam), Registrar, Avinashilingam University for Women, Coimbatore, for the encouragement extended by her during the investigation.

The author is immensely pleased to express her deep sense of gratitude to **Dr.(Tmt.)R.PARVATHAM**, M.Sc., Dip.Ed., M.Phil. (Madras), Ph.D. (Avinashilingam), Dean Faculty of Science, Avinashilingam University for Women, Coimbatore, for the encouragement extended by her during this investigation.

The investigator would like to thank **Dr.(Tmt.)A.PARVATHI**, M.Sc., Dip.H.Ed., M.Phil., (Madras), Ph.D., (Bharathiar), Professor and Head of the Department of Mathematics, Avinashilingam University for Women, Coimbatore, for her excellent advice and valuable guidance extended throughout the study.

The investigator owes here reverential gratitude to thank **Dr.(Tmt.)A.KALACHELVI**, M.Sc., (Madras), B.Ed., M.Phil., (Bharathiyar), Ph.D., (Avinashilingam), Reader, Department of Mathematics, Avinashilingam University for Women, Coimbatore, for suggesting this topic and supervising the thesis work. Her constant benevolent help, keen interest, inestimable guidance, invaluable advice, immense patience, incessant inspiration and warm encouragement evinced throughout the study period. She gratefully acknowledges her persistent efforts and affectionate endeavors to accomplish this work successfully.

The investigator would like to express her sincere thanks to all the **Staff Members of Department of Mathematics** who were responsible for the good finish of this dissertation.

Words fail to express her deep indebtedness to her **Loving Parents, Sisters, Brothers, Friends and all well wishers** for being the motivating forces behind this dissertation and providing moral support and encouragement in carrying out work.

She would like to extend her thanks to **DIVYAM GRAPHICS, 6-1/28A, Chinthamani Nagar, Saibaba Colony, Coimbatore**, for their help to complete this thesis in time and successfully.