

ACKNOWLEDGEMENT

ACKNOWLEDGEMENT

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

The author takes immense pleasure in thanking **Thiru.T.S.K.MEENAKSHI SUNDARAM**, M.A., M.Phil., Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for providing the conducive infrastructure for the conduct of the research study.

The author would like to thank **Dr.(Mrs.) SHEELA RAMACHANDRAN**, M.Sc., P.G. Dip., Ph.D. (Avinashilingam), Vice Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the support extended by her through the study.

The author is very much grateful to express her deep sense of gratitude to **Hony. Col. Dr.(Tmt.) SAROJA PRABHAKARAN**, M.A., Dip. Ed. (Madras), Ph.D. (Mother Teresa), Former Vice Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the inspiring guidance, sustained enlightenment and encouragement. Immense yet from the depth of the heart a very big thanks is extended to her.

The author extends her heartfelt thanks to **Dr.(Tmt.) GOWRI RAMAKRISHNAN**, M.Sc. (Madras), M.Phil., Ph.D. (Avinashilingam), Registrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the encouragement given by her during the investigation.

The author would like to thank **Dr. P. SANTHANAKRISHNAN**, Ph.D. (Tamil Nadu Agriculture University, Coimbatore), Director (Research and Consultancy), Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for all encouragement.

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), Former Dean Faculty of Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for all the encouragement.

The author extends her heartfelt thanks to **Dr.(Tmt.) RACHEL OOMMEN**, M.Sc. (Kerala), Dip.Ed. (Madras), B.Ed. (Annamalai), M.Phil., Ph.D. (Bharathiar), Dean, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the encouragement given by her during the investigation.

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

The investigator owes her reverential gratitude to thank **Dr.(Tmt.) A.KALAICHELVI**, M.Sc. (Madras), B.Ed., M.Phil. (Bharathiar), Ph.D. (Avinashilingam), Associate Professor, Department of Mathematics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for suggesting this topic and supervising the thesis work she gratefully acknowledges her persistent efforts, affectionate endeavors, excellent advice and valuable guidance to accomplish this work successfully.

Words fail to express her deep gratitude to her **LOVING HUSBAND, PARENTS, SISTER, FRIENDS AND ALL WELL WISHERS** for being the motivating force behind this dissertation and providing moral support and encouragement to complete this thesis successfully in time.