



Acknowledgement

ACKNOWLEDGEMENT

*My humble thanks to the Almighty
for having given me the strength to accomplish my desire.*

*I owe my sincere thanks to **Thiru. T.K. SHAMNUGANANDAM** Anna, Chancellor, **Dr. SAROJA PRABAKARAN**, Vice Chancellor and **Dr. GOWRI RAMAKRISHNAN**, Registrar, Avinashilingam Deemed University for Women, Coimbatore for their stable support and providing the essential facilities to perform the study.*

*I place on record a profound sense of gratitude to **Dr. R. PARVATHAM**, Dean, Faculty of Science, Avinashilingam Deemed University for Women, Coimbatore for her mammoth encouragement and precious suggestions during the period of the study.*

*With utmost genuineness and deep reverence, I extend my profound gratitude to my guide, **Dr. P.R. PADMA**, Associate Professor, Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Deemed University for Women, Coimbatore. My guide has been my compass to touch my desired destination. Whenever I faltered, she boosted me up and has been a tremendous source of encouragement in all aspects. I owe the entire credit of my work to my most respected guide. I thank her for her meticulous guidance in planning and executing my work.*

*My sincere and heartfelt thanks are due to **Mrs. RENNILA**, Research scholar and **Ms. V. SHARULATHA**, Assistant Professor, Department of Chemistry, Avinashilingam Deemed university for Women, Coimbatore for their help in the analysis and interpretation of the spectral data.*

*I wish to acknowledge the help rendered by **Ms. P.R. LAKSHMI** of Webnet Media of Computers for her untiring help in editing the final draft of my dissertation.*

*I am greatly indebted to my seniors, **Dr. S. SUMATHI, Dr. R. NIRMALA DEVI, Mrs. D. KAVITHA and Mrs. P. RADHA** for their timely help and constructive suggestions rendered at various stages of my study.*

*My journey was really made smooth by my friends **Mrs. B. KIRUTHIKA and Ms. RADHA PALANISWAMY** by rendering constant help, encouragement and support to overcome all the obstacles and reach my desired destination smoothly and gladly.*

*I am extremely thankful to **Dr. T. KARUPPANAPANDIAN**, Research professor, College of Life Science and Biotechnology, Korea University, Seoul for being an ignition for my initial steps and for the successful completion of my work.*

*My special thanks to all the **RESEARCH SCHOLARS** in our research group and my friend **Ms. ARCHANA** for the timely help and support that helped me in the successful completion of my study.*

*Finally, on a personal note, I owe my thanks to my beloved **PARENTS, BROTHER, BROTHER-IN-LAW, SISTER, SISTER-IN-LAW** and niece **NABEEHA and THABEENA**. My heartfelt thanks for their moral support, concern, timely advice and prayers. Achieving my target would not have possible without them being with me.*

I take this opportunity to thank all my well-wishers for their constant prayers towards my success.

A. KAMARUL HANIYA