ACKNOWLEDGEMENT

I thank the Almighty for the blessings, he showered upon me and guiding me in the path of success.

I express my deep gratitude, heartfelt thanks to my beloved chairperson Dr. P.K. Sivakumaar, Professor, Department of Microbiology, Faculty of Agriculture, Annamalai University for suggesting this work and his valuable guidance, constant encouragement, commendable consoling, constructive criticism and keen interest throughout the progress of this investigation. I could not have imagined having a better advisor and mentor for my Ph.D. study.

I owe my sincere thanks to Dr. N. Ramanathan, Professor and Head, Department of Microbiology, Faculty of Agriculture, Annamalai University for his advice and constant support.

It is my privilege to express my sincere thanks and deep sense of gratitude to Dr. P. Tholkappian, Professor, Department of Microbiology, Faculty of Agriculture, Annamalai University for his constant encouragement.

I wish to express my gratitude to Dr. R. Parthasarthi, Assistant Professor, Department of Microbiology, Annamalai University and Dr. M. Melvin Joe, Assistant Professor for their constructive comments on this thesis. My special thanks to Dr. P. Sivasaktivelan, Assistant Professor, Department of Microbiology, Annamalai University for his support and guidance.
I take this opportunity to thank Professors, Assistant Professors and Non-teaching staffs, Department of Microbiology for their suggestions and kind help during the period of study.

I am deeply indebted to my friends and well wishers whose part in my educational career is huge which remind me to elicit whose relation is very easy to enjoy and hard to forget Dr. Sajani Samuel, Dr. Boominathan and Dr. Sheela devi.

Words are in sufficient for my affectionate, supportive and beloved friends A.M. Chitra, A. Vijaykumar, P. Anna Joice, P. Elakkiya, R. Kavitha, J. Devanathan, D. Susitha and other department friends S. Vembu, J. P Poornima who helped me a lot to carry out the research.

On a personal note I am gratefully indebted to my loving parents (Late) Mr. V.R. Prakasan, Mrs. Leena Prakasan, Mrs. Devaki Krishnan, grandparents Mrs. Mohanavally K.K. and Pankajavally K.K, Mr. V.R. Vijayan, my better half Mr. Arjun Krishnan for their constant encouragement warm affection and moral support in fulfilling my educational combinations.

I am thankful to Manvin Computers, Annamalai Nagar for their excellence in execution of this dissertation work.

Finally I would like to thank everybody who was important to the successful realization of this thesis, as well as expressing apology that I could not mention personally one by one.

Place : Annamalai Nagar
Date : 

Lakshmipriya V.P....£