ACKNOWLEDGEMENTS

First and foremost, I thank almighty Lord for the merciful blessings he has showered upon me at each and every step of my life.

I wish to thank all those who helped me in many ways during the course of this study. I will be always indebted to the management of Yenepoya (Deemed to be University), the Hon’ble Chancellor, the Pro-Chancellor, the Vice Chancellor, the Registrar and the Controller of Examinations for having provided me this opportunity by encouraging and supporting me to pursue research through this doctoral program.

I would like to express my sincere thanks to my guide Dr. M. S. Moosabba, Professor, Department of General Surgery and Dean/ Principal, Faculty of Medicine, Yenepoya Medical College, Mangaluru, for his invaluable guidance, patience and motivation throughout the study. This study would not have seen the light of the day without his unconditional encouragement and support that motivated me to pursue research through this doctoral program.

I wish to express my heartfelt gratitude to my co-guide and mentor, Dr. Ronald Aloysius Roche, Professor, Department of Microbiology, Malabar Medical College, Calicut for his timely guidance and robust motivation all through this study.

I am ever indebted and grateful to Dr. Vinitha. R. Pai, Deputy Director, M.Phil. and Ph.D. Program, Yenepoya (Deemed to be University) for her enormous unconditional support, guidance and immense patience that motivated me to enrol for the PhD program.

I am thankful to Dr. B. S. Rao, Dr. B. Dhanashree, Dr. Beena Antony, Dr. Ashwini Hegde and Dr. K. K. Achary for periodically reviewing my research work and for extending valuable suggestions to improvise the study. I extend my sincere thanks to the members of the doctoral advisory committee for their valuable feedback and suggestions in every stage of the study. I duly acknowledge the support and encouragement given by Dr. Vidya Pai, Professor and Head, Department of Microbiology, Yenepoya Medical College, during the course of this study.
My special thanks to my present and past colleagues, Dr. Sunil Rao, Dr. Rouchelle Tellis, Dr. Venkatakrishna Rao, Dr. Faseela, Dr. Bhaskaran Nair, Dr. Janita Pinto, Dr. Jagadish Chandra, Dr. Srividya Bhat and Dr. Annet D’soouza, for their valuable suggestions, cheerful company, timely help, constant support, enormous motivation and co-operation all through my study. It is with gratitude that I acknowledge the timely help, support and co-operation that I received from all the postgraduate students and non teaching staff of the Department of Microbiology, Yenepoya Medical College.

I am grateful to Dr. Rekha P.D. and Dr. Arun Bhagwath for permitting me to use the central laboratory facilities for PCR studies at Yenepoya Research Centre. I duly acknowledge the assistance given by Dr. Neevan D’Souza for the analysis of statistical data.

I will remain ever indebted to my Dad Valerian and Mom Florine, for their absolute compassion, decisive support and inspiration with their blessings, thus making it possible for me to realise my dream. I thank my sister Sunitha, brother-in-law Robert, their children Carol and Keith, my brother Anil, sister-in-law Lavina, their child Angel and all my family members for their time and exceptional motivation. Special thanks to my uncle Elias Lobo and family, to all my teachers, neighbours, friends and well wishers from my native village Hosabettu, Moodbidri, for their inspiration and motivation through my life.

I am thankful to my loving and caring wife, Hezil Reema Barboza, for being my pillar of motivation, consolation and encouragement in good, pleasant, joyous, as well as in awful times that keeps me up and cheerful being resilient which has gone a long way in helping me realise my goal.

Words are not enough to explain my gratitude to my child Aurel Lobo who steadily and effortlessly made all the adjustments to accommodate my schedule. I am indebted to my little ‘Auri’ for making me realise the essence of compassionate parental bonding which has gone a long way in helping me realise my goal all through this study.

Amar Sunil Lobo