I owe my sincerest thanks and deepest gratitude to Prof. D.P. Sadhu, L.M.F., M.Sc., Ph.D., F.N.A., F.N.A.Sc., Emeritus Scientist, I.C.A.R., for suggesting the problem, affectionate guidance, constant encouragement, healthy & constructive criticism and untiring help throughout the course of study.

I express my heartfelt gratitude to M/S. Kelay Biscuit Company and Kelay Feed Compounding Company, Calcutta for the favours facilities provided by them in various ways, without which the present work would not have been a success.

I express my indebtedness to Dr. P.B. Kundu, Director, Dr. K.K. Chakraberty & Dr. A. Sinha, Deputy Directors of Veterinary Services, West Bengal for their encouragement & constructive suggestions.

The technical help rendered by Sri B. Das Gupta, I.S.S., New Delhi for analysing the data is most thankfully acknowledged.

The kind gesture extended by M/S. Hoechst Pharmaceuticals Ltd., M/S. Pfizer Ltd. and M/S. Glaxo Laboratories Ltd., Bombay, by providing necessary medicines essential for this study is highly appreciated.

Sincere thanks extended to Dr. H. Bhattacharya, Dr. J.L. Ganguly, Dr. R.N. Lahiri, Dr. P.K. Mitra, and Dr. S.P. Ghosh for their help and encouragement.