ACKNOWLEDGEMENTS

It is my pleasure to acknowledge:

Dr. K. Devadasan, Director, Central Institute of Fisheries Technology, Cochin for providing facilities for the study at the Institute and for his invaluable advice and words of encouragement;

Dr. M.R. Boopendranath, Principal Scientist, Fishing Technology Division, Central Institute of Fisheries Technology, for his invaluable guidance, sustained encouragement and critical assessment of the work;

Dr. B. Meenakumari, Head of Division, Fishing Technology, Central Institute of Fisheries Technology, for providing all facilities in the Fishing Technology Division, periodic assessment of progress, invaluable advise and encouragement;

Dr. Saleena Mathew, Director, School of Industrial Fisheries, Cochin University of Science and Technology, for the periodic assessment of the research work and words of encouragement;

Dr. P. Pravin, Senior Scientist, Fishing Technology Division, Central Institute of Fisheries Technology, for his wholehearted support, invaluable advice and encouragement, throughout the period of studies;

Dr. Leela Edwin, Principal Scientist; Dr. Saly N Thomas, Senior Scientist; Dr. M.P Remesan, Senior Scientist; Mr. P. Muhamed Ashraf, Scientist (SG), Dr. S.K. Panda, Scientist (SS), of Fishing Technology Division, Central Institute of Fisheries Technology, for their encouragement and goodwill, throughout the period of studies;

Mr. T.R Gibinkumar, Assistant Director, Marine Products Export Development Authority and former Senior Research Fellow, Central Institute of Fisheries Technology, for his valuable support, assistance and goodwill, during the period of studies;

Mr. K.J Francis Xavier, Skipper (T-9); Mr. P. Ferozkhan, Bosun (T-5) and the crew of research vessels MFB Matsyakumari and MFV Sagar Shakthi, Central Institute of Fisheries Technology, Cochin for their whole-hearted cooperation and assistance during field trials;

Mr. Gipson Edappazham, Mr. M. Ajith Peter, Ms. A. Sreeja, Mr. Baiju John, Mr. C. Kalidass, former Senior Research Fellows and Ms. Usha Bhagirathan, Senior Research Fellow, Fishing Technology Division, Central Institute of Fisheries Technology, Cochin, for their goodwill and assistance during the study period;

Sri. P.N. Sudhakaran, K.B. Bhaskaran and Mr. A.S. Kalangutkar, technical staff of Fishing Technology Division, Central Institute of Fisheries Technology, Cochin, for their assistance in fabrication of shrimp trawls and BRD prototypes and field data collection;

Scientific, technical, administrative, supporting staff and friends in Central Institute of Fisheries Technology, Cochin, for their goodwill;

Dr. K.G. Ramachandran Nair, former Head of Division, Fish Processing Technology, Central Institute of Fisheries Technology, Cochin, for his words of encouragement and goodwill;

My dear friends, Mr. S. Abhilash, Mr. Anoop Krishna, Mr. P. Aneesh and Mr. T. Manoj for their constant support and goodwill;

My father, mother, brother, sister and close relatives for their support and encouragement;

My wife, Asha for her support and care during this period.
This thesis is dedicated to my family