ACKNOWLEDGEMENT

I am greatly indebted to my supervisor Dr. S. Ramaswamy, Reader, Department of Economics, for his inspiring guidance throughout my study. I am grateful to him for the interest he evinced in my research work and for his kindness in allocating his precious time for my research discussions. I am happy to extend my profound thanks to Dr. A. Arockiasamy, Professor and Head, Department of Economics for his valuable support and encouragement. I am thankful to my teachers Dr. P. Sumangala, Dr. S. Ramachandran and Dr. K. Rajamohan Rao for their constant encouragement and moral support during the entire period of my research.

I am extremely thankful to Professor T.R. Natesan, former Vice Chancellor of the GRI and Professor N. Markandan, the Vice Chancellor of GRI.

I am extremely grateful to the member of my Doctoral Committee Professor G. Subramaniam, School of Economics, Madurai Kamaraj University for his valuable suggestions and continued support in the submission of my thesis. My thanks are due to Dr. A. Jayaraju, Dean, Faculty of English and Foreign Languages, Dr. P. Kannappan and Dr. S. Kesavan, Gandhigram Rural Institute, Dr. R. Murugesan, Professor, Rural Development, Annamalai University, Chidambaram and Dr. T. Vasantha Kumaran, Professor of Geography, Madras University for the valuable discussions I have had with them on the topic of my research.

I place on record my deep sense of gratitude to Dr. S.P. Chopra, Dr. B.S. Nagarajan, Professor and Director of Adult and Continuing Education, GRI, Professors T. M. Hridasan, C.E. Sooriamoorthy, Raka Sharan, Sushila Girubapathi, Sudhir, Somasundaram, and Manikandan. Dr. K. Muthuchelian, School of Energy and Environment and Natural Resources, Madurai Kamaraj University, Dr. Mathirajan, Indian Institute of Science, Bangalore, Dr. P.Kesari and Dr. A.K. Thahia, Mahatma Gandhi Institute of Rural Energy and Planning, Pakoli, Delhi.

I sincerely acknowledge the concerted assistance and generous help of Dr. R. Mani, Dr. R. Raja, Mr. M.L.S. Raju, Mr. T. Asohan, Mrs. N. Mangaiarkarasi, Ms. N. Shanthi, Mr. K. Pandi MurugaChinnan, Mr. M. Dharmarajan, Mr. K. Pitchaipillai, Mr. S. James, Dr. Manikandan, Mr. R. Murugesan (NIRD), Mr. Balachandran, Mr. Raja Piranmalai, Mr. C. K. Murugan, Mr. Seng Jaya, Mr. M. Dharmarajan, Mr. A. Anand, Selvi Innasiammal, Mr. P. Sekar, Mr. J. Anand, Mr. Annadurai, Mr. Selvam, Dr. S. Manivel, Mr. T. Ramachandran, Lecturer in R.V.S. College of Engineering, Dr. Gubendran and Ms. N. Poongothai in completing this work.
It is my duty to place on record my thanks to various Research Institutes/Universities/Ministries such as the Mahatma Gandhi Institute of Integrated Rural Energy Planning and Development, Delhi; Tata Energy Research Institute, National Institute of Applied Economic Research, Indian Council of Social Sciences Research, Jawaharlal Nehru University, Indian Institute of Technology, National Planning Commission, Ministry of Petroleum and Natural Gas, Ministry of Agriculture and Rural Development, Ministry of Non-Conventional Energy Sources; United Nations Library, National Productivity Council, Oil Co-ordination Committee, New Delhi; Connemara Public Library, Chennai; Madurai Kamaraj University; Annamalai University, Chidambaram; and Centre for Development Studies, Thiruvananthapuram for their kind cooperation and allowing me to use their libraries and providing me valuable materials on request. I am also grateful to Dr. Srivastava and Dr. O.P. Singhal of Agricultural Engineering Department, Indian Agricultural Research Institute, New Delhi for their help and providing relevant materials pertaining to my research work. I have immensely benefitted from my correspondence with Professor B.A. Stout, Texas University, USA and Mr. Sundaram, PA to Senior advisor MNES, New Delhi. I am grateful to them, especially for their suggestions and also for taking pains in sending the reprints of their publications.

The research could be undertaken because of the Junior and Senior Research Fellowships awarded to me by the University Grants Commission (UGC), New Delhi. I thankfully acknowledge the kind support from the UGC. I should acknowledge and extend my sense of gratitude to the Village Administrative and Panchayat Officials, Veterinary Doctors of various Dispensaries, District Statistical Officials and the staff of the Faculty of Agriculture and Animal Husbandry, GRI, for their kind cooperation and providing the materials for my research.

I place on record my deepest appreciation to my parents whose constant and affectionate interests in my progress has been a source of inspiration all through my research.

Last but not the least, I thank all those who gave me very useful information in my meetings with them, without whose help I could not have completed my research.

G and hi gram M. ALANKARA MASILLA MANI
Date: 30.06.1998