

## ACKNOWLEDGEMENT

I would like to express my sincere gratitude to Dr Manoj Kumar Das for his excellent guidance, help, co-operation and suggestions in the completion of this work and in the preparation of this manuscript. I also express my deep regards to Prof Bimal Kumar Bachhawat for overall supervision and suggestions. I am grateful to Dr Satyesh Chandra Pakrashi for his support in the completion of this work. I am also expressing my thanks to Dr Mukul Kumar Basu for his moral support and suggestions.

I would also like to express my thanks to Dr (Mrs) R Banerjee, Dr P K Das, Mr S Mukherjee and Mrs C Ghosh, Mr S Ray, Mr P Chakraborty for their constant help. I am extending my thanks to Mr Biswanath Sardar also for excellent typing of this manuscript. Thank is being extended to Mr Debashis Mitra for his help in preparing this manuscript. Last but not least I am expressing my heartiest thanks to my wife Mrs Tapasi Das for her constant encouragement and support throughout the course of this work.

This work has been supported by Council of Scientific and Industrial Research, India.

NIRMALENDU DAS