ACKNOWLEDGEMENT

The author expresses his deep sense of gratitude to **Prof. (Dr.) Ashis Kumar Samanta**, Professor, Department of Jute & Fibre Technology, Institute of Jute Technology, University of Calcutta for his valuable advice and constant touch, unremitting inspiration and support during the course of the work.

The author is also thankful to all faculty of the Department, Department of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta, Kolkata, particularly to **Prof. (Dr.) Swapan Kumar Ghosh** and **Dr. Asis Mukhopadhyay**, for their time to time co-operation and help. The author is grateful to the Former Head and Present Head and all the staff member of the Textile Chemistry Section of Dept. of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta for their co-operation.

The author is also thankful to the assistant librarian and co-researcher like Dr. A. Bagchi, Dr. Sarmistha Mukherjee, Mrs. Reetuparna Bhattacharya, Mr. Nilendu Sekhar Bhowmik of this department.

The author would like to express deep gratitude to her spouse (Mr. Arindam Bhattacharjee) parents (Sri Dilip Kumar Bhattacharya & Smt. Gouri Bhattacharya) and her beloved daughter (Aratrika Bhattacharya), and relatives for being a constant source of inspiration, moral support, help and encouragement during many arduous hours of work.

The author owes a great deal to many others, who have helped towards the successful completion of this work: special mentions are to Mr. Nanda Gopal Chakroborty, Mr. Swapan Das, Mr. Debojyoti Kundu, Mr. Subhendu Ghosh, Mr. Kumar Baidya and all other project fellows/ Project Assistants of DJFT, IJT, CU, Kolkata. The author wishes to express her gratitude to all other persons whose involvement and cooperation enable this work to see the light of the day.

Date: …………………. (Kashmita Bhattacharyya)