ACKNOWLEDGEMENT

It is my highest duty to express heartfelt gratitude to my respected research supervisor, Prof. Utpal Ray Chaudhuri, Department of Food Technology and Biochemical Engineering, Jadavpur University, for his able guidance, constant encouragement and invaluable suggestions at all stages of this work, without which this work could not be completed. It is his brilliant insights and continuing interest that brought this research work to a fruitful end.

I also feel deeply indebted to another research supervisor, Prof. Runu Chakraborty, department of Food Technology and Biochemical Engineering, Jadavpur University, for her generous and immensely valuable instructions, which was sure to come in my hour need. She has inspired me to think about a new aspect in this work and without her active involvement I could complete this work.

I am also very much grateful to Prof. Amitava Sarkar, Director, School of Management, West Bengal University of Technology, for giving me many suggestions at the appropriate time.

I wish to extend special note of thanks to Dr. Banani Ray Chowdhury and Satyabrata. Department of Food Technology & Biochemical Engineering, Jadavpur University, for their help and cooperation regarding different analyses in the course of my research work.

I also wish to thank the Management, Faculty members, Staff and Students of Durgapur Society of Management Science, Durgapur for constantly encouraging me in my research activities.

It would be unfair on my part if I do not mention the courtesy and patience shown to me by the library staffs and other staff members including Paritosh Chakraborty, Instrumentation-in-charge of the Department of Food Technology and Biochemical engineering, Jadavpur University.

I would also like to acknowledge the moral support provided by my family members all through my research years and for sacrificing many precious hours thus helping me in my research activities.

Dated: April 07, 2012. CHAITALI DUTTA