ACKNOWLEDGEMENT

I really feel privileged to express my sincere gratitude to my teacher Prof. Arup Mukherjee, Professor Division of Pharmaceutical Technology & Head, Department of Chemical Technology, Calcutta University for his expert guidance, constant encouragements, valuable suggestions and inestimable help through out this research work. It was a great pleasure to work under his guidance and I owe much to him for his critical reviews, encouragements in demanding times and support.

I am grateful to Professor D.K.Bhattacharya, Professor Of Oil Technology, Dept. of Chemical Technology, University of Calcutta for his valuable suggestions and encouragement through out the research work. Without his constant encouragements it could have been very difficult to take up such challenging research way back in the year1999.

My deep regards are due to Prof. A.K.Basu, Prof. T.K.Bhattacharya, Prof. P.K Das Poddar, Prof. N.K.Mitra, of the Department of Chemical Technology, for their cooperation and encourangement.

I am also thankful to Dr.A Saha, Lecturer, Division of Pharmaceutical Techn. Dept. of Chemical Technology, for his cooperation and advise at various stages of this work.

My thanks are also due to Dr. D.Biswa, Dr.S.N.Ghosh and Mrs. S Datta, Lecturers in the Dept. of Chemical Technology, Calcutta University for their inspiration and cooperation.

Fellow researchers of our laboratory Mr. Binoy Brata Bhowmick and Mr. Narayan mazumder were always very helpful and supportive and I love to thank them. My thanks also due to Mr. S.Giri and Mr.A. Chatterjee, our laboratory technicians, for their active supports.

Finally I gratefully acknowledge the financial support extended to me by the Council of Scientific and Industrial research of India.

Ms Arpita Datta (Bhattacharya)