

ACKNOWLEDGEMENT

I take this opportunity to express my heartfelt gratitude to my supervisor, Prof. S.K.Saha, Department of Chemistry, University of North Bengal for his wise guidance, continued interest and incessant encouragement throughout the investigation.

I would like to extend my thanks to the authority of the University of North Bengal for extending the required laboratory and others facilities. I am also thankful to Professor James L. Dye, Department of Chemistry, Michigan State University, USA for kindly providing his well known general non-linear curve-fitting program, KINFIT, and to Mr. C.R.Nayak, System Engineer, Computer Centre, University of North Bengal for his help in writing a program for analyzing monomer-dimer equilibrium data.

The cooperation and help from the Head of the Department, teachers, officers, research fellows and other staff members of the Department of Chemistry, University of North Bengal, are thankfully acknowledged.

At last, I express my best regards to my parents for their ceaseless blessings and thanks to other family members for their inspiration and support under all circumstances.

Department of Chemistry
University of North Bengal
Sept. 2004.

Ratan Adhikari
Ratan Adhikari