

A C K N O W L E D G E M E N T

The author wishes to express his deep sense of gratitude to his esteemed teacher Dr. D.K.Hazra, Reader in Physical Chemistry, University of North Bengal for his able guidance, valuable suggestion and constant inspiration during the course of this work. He was untiring in making necessary corrections. Without his loving care it would not be possible to present the thesis in its present form.

The author gratefully acknowledges the stimulus and aid coming from Prof. S.C.Lahiri, D.Sc, University of Kalyani and owes much to him for his keen interest on the work.

He is also highly indebted to Prof. R.M.Fuoss of Yale University, U.S.A. for furnishing the computer programme "SCM" for his conductance equation.

The author is thankful to the Head of the Department of Chemistry and University authorities for providing laboratory facilities. The assistance of Research Service Centre (Computer), University of North Bengal is acknowledged with thanks. He is also grateful to University Grants Commission, Govt. of India, for financial assistance.

The author takes great pleasure in thanking the unflinching cooperation and understanding of Dr. A.Nanda, Dr. P.Roy, Dr. L. Bagchi, Dr. D. Basak, Mr. R.Poddar, Mr. D.Dasgupta, Mr. S. Ghosh and Mrs. Dipika Das.

It is impossible for him to express his indebtedness to those authors of monographs, articles etc. from which he has gained so much information. He can only hope that some measure of his gratitude is expressed by the references he has given to their works.

Dated 9.7.86
Department of Chemistry
University of North Bengal
Raja Ramohunpur
Darjeeling.

Susanta Das
(SUSANTA DAS)