

## ACKNOWLEDGEMENT

The present thesis embodies the results of research carried out by the author at the Department of Chemistry, University of North Bengal, Dist. Darjeeling, West Bengal.

The author at the very first opportunity offers his grateful thanks to Dr. A.K.Ghosh, M.Sc., D.Phil., Reader in Chemistry, University of North Bengal, and <sup>also to</sup> Mr. B.Majee, M.Sc., Lecturer in Chemistry, University of North Bengal, for their valuable suggestions, guidance and keen interest throughout the research programme.

The author is indebted to Dr. A.D.E. Pullin, Department of Chemistry, Monash University, Clayton, Victoria, Australia and to Dr. A.Chakraborty, Indian Institute of Technology, Kanpur for I.R. spectra recorded in this thesis.

The author expresses his gratitude to Dr. J.Das, Department of Chemistry, Burdwan University, Burdwan for the U.V. spectra of some of the compounds recorded in the present thesis.

The author is thankful to the authorities of the North Bengal University for the award of a University Research Fellowship and extending full laboratory facilities.

Thanks are also due to Dr. A. Bernhardt, Mulheim, Germany, for micro analysis and molecular weight determination.

Department of Chemistry,  
University of North Bengal,  
Dist. Darjeeling.

Debraranjan Datta

April, 1970.