

PREFACE

The work in the thesis entitled ‘EXPLORATION OF ASSORTMENT OF INTERFACES OF SOME IONIC LIQUIDS IN SOLVENT SYSTEMS BY PHYSICOCHEMICAL APPROACH’ was commenced on September 2011 under the supervision of Dr. Mahendra Nath Roy, Professor of Chemistry in the Department of Chemistry, University of North Bengal. This research was appreciated within the framework of the “Rajiv Gandhi National Fellowship (Regn ID: RGNF-2013-14-SC-WES-52926)”.

*The work is an attempt to explore molecular interaction of **IONIC LIQUIDS** in aqueous and non-aqueous solutions by studying their physicochemical, transport, optical, acoustic, tensiometric and spectral properties.*

I was blessed to participate in several meets and seminars across the country and I was highly inspired by listening and interacting with distinguished experts and scientists during the course of my research work. I was even fortunate enough to publish the works in the thesis in International Journals of repute.

In keeping with general practice of reporting scientific observation, due acknowledgement has been made whenever the work described was based on the finding of other investigators. I must take the responsibility of any unintentional oversights and errors, which might have sneaked in spite of precautions.

I hope that I will be given more challenges in my life so that the knowledge that I have gained during my work can be invest in action in the future.