

**PHYSICOCHEMICAL STUDY OF DIVERSE INTERACTIONS OF
IONIC LIQUIDS AND BIOLOGICALLY ACTIVE SOLUTES
PREVAILING IN LIQUID ENVIRONMENTS**

A Thesis submitted to the

UNIVERSITY OF NORTH BENGAL

For the Award of

DOCTOR OF PHILOSOPHY (Ph. D.)

in

CHEMISTRY

By

SUBHANKAR CHOUDHURY, (M. Sc. in Chemistry)

Research Guide

DR. MAHENDRA NATH ROY

Professor of Physical Chemistry

DEPARTMENT OF CHEMISTRY

UNIVERSITY OF NORTH BENGAL

DARJEELING, PIN-734013

WEST BENGAL, INDIA

August, 2016