

**Various Interactions Prevailing in
Supramolecular Assembly and Different
Liquid Systems Probed by Experimental and
Theoretical Studies for Innovative Applications**

A Thesis submitted to the
UNIVERSITY OF NORTH BENGAL

For the Award of
DOCTOR OF PHILOSOPHY(Ph.D.)
in
CHEMISTRY

By
BAISHALI SAHA
(M.Sc. in Chemistry)

Supervisor
DR. MAHENDRA NATH ROY, FRSC (London)
Professor of Chemistry
UNIVERSITY OF NORTH BENGAL
DARJEELING-734013, WB, INDIA

April, 2024