

POLYDENTATE LIGANDS AND TRANSITION METAL COMPLEXES: PHOTOPHYSICS AND CATALYSIS

A Thesis submitted to the
UNIVERSITY OF NORTH BENGAL

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

In
CHEMISTRY

By
ANAND PARIYAR
M.Sc. in Chemistry

Supervisor
DR. P. BANDYOPADHYAY

Co-supervisor
DR. A. N. BISWAS

DEPARTMENT OF CHEMISTRY
UNIVERSITY OF NORTH BENGAL
June, 2013