X-RAY, DIELECTRIC AND ELECTRO-OPTIC STUDIES ON FLUORINATED ACHIRAL AND CHIRAL LIQUID CRYSTALS

A Thesis submitted to the University of North Bengal

For the Award of

Doctor of Philosophy
in
Physics

BY DEBASHIS SINHA

GUIDE PROF. PRADIP KUMAR MANDAL

Department of Physics University of North Bengal Rajarammohunpur, Dist: Darjeeling, Pin: 734013 West Bengal, India

September 2015