

**DEVELOPMENT OF LIQUID CRYSTALLINE
MATERIALS FOR APPLICATION IN VERTICALLY
ALIGNED MODE LIQUID CRYSTAL DISPLAYS**

A THESIS SUBMITTED TO THE UNIVERSITY OF NORTH BENGAL

FOR THE AWARD OF

DOCTOR OF PHILOSOPHY

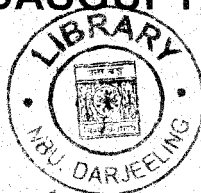
IN

PHYSICS

BY

PRAJNAMITA DASGUPTA

GUIDE



DR. MALAY KUMAR DAS

Department of Physics,
University of North Bengal,
Raja Rammohunpur,
Siliguri, Darjeeling-734 013,
West Bengal, India

CO-GUIDE

DR. BANANI ADHIKARI (DAS)

Department of Physics,
Siliguri Institute of Technology,
P.O. Sukna, Salbari,
Siliguri, Darjeeling-734 009
West Bengal, India

October 2014

**Department of Physics
University of North Bengal
October 2014**

Th

530.11

D229d

279009

27 MAY 2016