

**UNIDIRECTIONAL GROWTH AND
CHARACTERIZATION OF NONLINEAR OPTICAL
AMINOACID BASED ACETATE SINGLE CRYSTALS**

THESIS

submitted to the

UNIVERSITY OF MADRAS

in partial fulfillment for the award of the degree of

DOCTOR OF PHILOSOPHY

in

PHYSICS

by

G. PRABAGARAN



**DEPARTMENT OF PHYSICS
LOYOLA COLLEGE (AUTONOMOUS)
CHENNAI – 600 034
INDIA**

FEBRUARY 2013