

**PRODUCTION OPTIMIZATION, CHARACTERIZATION OF AZOREDUCTASE
FROM *PSEUDOMONAS OLEOVORANS* PAMD_1: STUDIES ON
THERMOSTABILIZATION AND APPLICATION IN BIOSENSOR**

THESIS SUBMITTED TO PERIYAR UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE
AWARD OF DEGREE OF

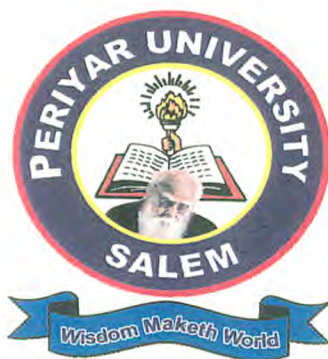
DOCTOR OF PHILOSOPHY IN BIOCHEMISTRY

By

V. ARANGANATHAN, M.Sc., M.Phil.,

Under the Guidance of

Dr. T. PALVANNAN, M.Sc., Ph.D.,
Assistant Professor



**DEPARTMENT OF BIOCHEMISTRY
PERIYAR UNIVERSITY
SALEM – 636 011**

NOVEMBER – 2011



Dedicated to my family