

# **METABOLISM OF ACRYLONITRILE BY BACTERIA ISOLATED FROM PETROCHEMICAL WASTE WATERS**



**THESIS SUBMITTED TO  
THE MAHARAJA SAYAJIRAO UNIVERSITY  
OF BARODA**

**FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
IN BIOCHEMISTRY**

**BY**

**K. NARAYANASAMY**

**JUNE 1991**

**DEPARTMENT OF BIOCHEMISTRY  
FACULTY OF SCIENCE, M. S. UNIVERSITY  
BARODA, GUJARAT, INDIA**