

**EFFECTS OF ALTERNATING  
ELECTRIC FIELD ON  
CERENKOV RADIATION**

( Mrs. ) **ASMITA A. RISBUD**  
M. Sc.

**December 1977**

**EFFECTS OF ALTERNATING ELECTRIC FIELD  
ON CHERENKOV RADIATION**

**A thesis submitted to the  
University of Poona**

**for**

**the degree of**

**DOCTOR OF PHILOSOPHY**

**(In Physics)**

**of the**

**UNIVERSITY OF POONA**

**by**

**Mrs. ASMITA A. RISBUD  
M.Sc.**

**Department of Physics**

**University of Poona**

**Pune 411007**

**December 1977**