

DECLARATION

I hereby declare that the work reported in this thesis is entirely original and was carried out by me independently in the Department of Chemistry, Bapatla Engineering College, Bapatla, Andhra Pradesh under the supervision of **Prof. Dr. K. RAVINDHRANATH**. I further declare that this thesis has not been submitted for the award of any degree or diploma of any other University or Institution.

Place: Guntur

Date:

(P. VENKATESWARA RAO)