

BONAFIDE CERTIFICATE

Certified that this thesis titled **STUDIES ON *Thiobacillus ferrooxidans* AND *Serratia marsescens* ON THEIR METAL AFFINITIES AND PIGMENT SECRETION** is the bonafide work of **Mrs. V. ANURADHA** who carried out the research under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Place : Chennai

Date :



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