

**CERTIFICATE UNDER PARA 3(ii) OF INSTRUCTIONS
TO CANDIDATE**

I certify that the thesis entitled "**STUDIES ON THE GROWTH, CHEMISTRY AND PHENOLOGY OF *PITHOPHORA POLYMORPHA WITTRICK* IN RELATION TO HYDROLOGY OF THE HABITAT**" submitted by **Mrs.V. KANTHIMATHI** is a record of work done by her during the period from 1999 to 2004 when she worked under my supervision. The thesis has not formed the basis for the award of any degree, diploma, associateship or fellowship.



(Dr. M. BALUSWAMI) Ph.D.,
Lecturer in Botany, **Supervisor**
Laboratory PHYCOLOGY
MADRAS CHRISTIAN COLLEGE
TAMBARAM, CHENNAI-600 059

**CERTIFICATE UNDER PARA 3(iii) OF INSTRUCTIONS
TO CANDIDATE**

I affirm that the thesis entitled "**STUDIES ON THE GROWTH, CHEMISTRY AND PHENOLOGY OF *PITHOPHORA POLYMORPHA WITTRICK* IN RELATION TO HYDROLOGY OF THE HABITAT**" submitted by **Mrs.V. KANTHIMATHI** incorporate the independent research work carried out by her under my supervision.



(Dr. M. BALUSWAMI) Ph.D.,
Lecturer in Botany, **Supervisor**
Laboratory PHYCOLOGY
MADRAS CHRISTIAN COLLEGE
TAMBARAM, CHENNAI-600 059