

Certíficate

CERTIFICATE

This is to certify that the thesis, entitled "**PRODUCTION OF FUNGAL LIPASES AND THEIR APPLICATION AS CATALYSTS FOR BIODIESEL PRODUCTION FROM JATROPHA AND KARANJA OIL**" submitted to the Bharathiar University, in partial fulfillment of the requirements for the award of the Degree of **DOCTOR OF PHILOSOPHY IN BOTANY** is a record of original research work done by **Mrs. K.PRIYADHARSHINI** during the period 2010 - 2016 for her study in Department of Botany, **PSGR Krishnammal College for Women, Coimbatore** under my supervision and guidance. The dissertation has not formed the basis for the award of any Degree/Diploma/Associateship/ Fellowship or other similar title to any candidate in any University.

Countersigned

Signature of the Guide

Signature of the Head of the Department

Signature of the Principal

Declaration

DECLARATION

I **Mrs. K. PRIYADHARSHINI** hereby declare that the thesis entitled "**PRODUCTION OF FUNGAL LIPASES AND THEIR APPLICATION AS CATALYSTS FOR BIODIESEL PRODUCTION FROM JATROPHA AND KARANJA OIL**" submitted to the Bharathiar University in partial fulfillment of the requirements for the award of the Degree of **DOCTOR OF PHILOSOPHY IN BOTANY** is a record of original research work done by me during 2010 - 2016 under the supervision and guidance of **Dr. (Mrs). R.S. MEERABAI, M. Sc., M. Phil., B.Ed., Ph.D., PGDCA.,** Head, Department of Botany, **PSGR Krishnammal College for Women** Coimbatore and it has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any candidate in any University.

Signature of the candidate

(K. PRIYADHARSHINI)