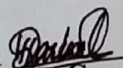


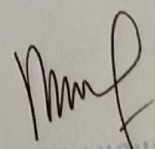
CERTIFICATE

This is to certify that the dissertation entitled, "ALLELOPATHIC EFFECT OF *GARCINIA CAMBOGIA*, *COFFEA ARABICA*, *TAMARINDUS INDICUS* AND *HEVEA BRASILIENSIS* ON SEED GERMINATION OF *VIGNA RADIATA*" submitted to Mahatma Gandhi University, Kottayam, in partial fulfillment of the requirement for the Degree of Master of Science in Botany is a record of the original research done by ANJU K S during the period of her study in the department of Botany, St. Thomas College, Pala, under my supervision and guidance and the dissertation has not formed the basis for the award of any degree/diploma/fellowship/similar title to any candidate of any university.


Dr. Mariat George

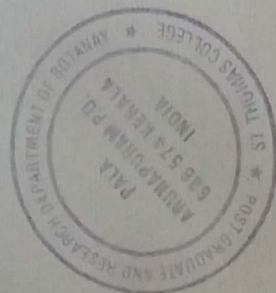
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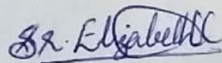
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CERTIFICATE

This is to certify that the dissertation entitled "In vitro propagation of *Vitex negundo* L. by nodal explant culture" submitted to Mahatma Gandhi university, Kottayam in partial fulfilment of requirements for the award of degree of Master of Science in Botany is a record of original research done by ANNIE XAVIER during the period of her study in the Department of Botany, St. Thomas College, Pala under my Supervision and guidance and the dissertation has not formed the basis of the award of any Degree/Diploma/Fellowship or similar title to of any University.



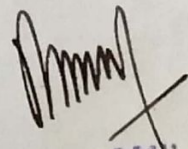
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Head of the Department of Botany

St. Thomas College, Pala.

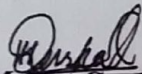
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Place: Pala

Date: 31/8/2016

CERTIFICATE

This is to certify that the dissertation entitled “ A STUDY ON THE EFFECT OF SALT AND DROUGHT STRESS ON VITAL METABOLIC ACTIVITIES OF THREE VARIETIES OF *Lycopersicon esculentum*” submitted to the Mahatma Gandhi University, Kottayam, in partial fulfillment of the requirements for the Degree of Master of Science in Botany is a record of the original research done by **ASHIMA DOMINIC** during the period of her study in the Department of Botany, St. Thomas College, Palai, under my supervision and guidance and the dissertation has not formed the basis for the award of any degree/ Diploma/ Fellowship or similar title to any candidate of any University.



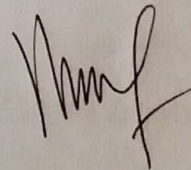
Dr. Mariat George

Lecturer, Post graduate and Research

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Dr. Jomy Augustine M.Sc, PhD

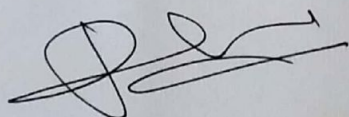
Head of the Department of Botany

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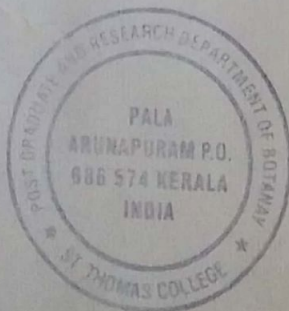
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Pro. Paul V. Karamthanam

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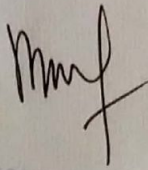
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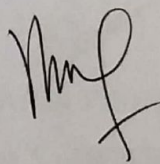
Mob: 94475 352

CERTIFICATE

This is to certify that the dissertation entitled, "A STUDY ON BIODIVERSITY OF KURINJIKAVU SACRED GROOVE" submitted to Mahatma Gandhi University, Kottayam, in partial fulfillment of the requirement for the Degree of Master of Science in Botany is a record of the original research done by **MARIA THOMAS** during the period of her study in the department of Botany, St. Thomas College, Pala, under my supervision and guidance and the dissertation has not formed the basis for the award of any degree/diploma/fellowship/similar title to any candidate of any university.

Dr. Jomy Augustine

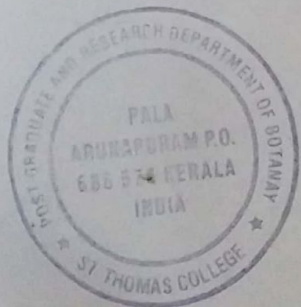
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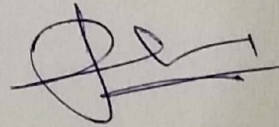
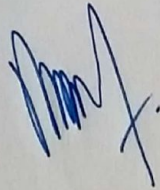
This is to certify that dissertation entitled "FABACEAE in St Thomas College campus" submitted to Mahatma Gandhi University Kottayam partial fulfilments, for the award of Degree of Bachelor of Science in Botany is the original work done by SABIN SUNNY (Uni. Reg. No. 150021081935) during his final year BSc course in Department of Botany, St Thomas College Pala under the guidance of Sri. Paul V. Karamthanam.

Forward by

Dr. Jomy Augustine

Head, Department of Botany

St Thomas College Pala

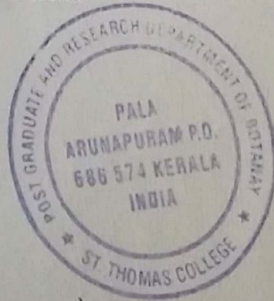


Sri. Paul V. Karamthanam

Associate Professor

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