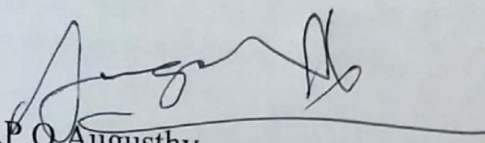


CERTIFICATE

This is to certify that the dissertation entitled **Physiological and anatomical changes due to the uptake and accumulation of Cu and Hg in *Vigna unguiculata* (Linn.)Walp.varieties** is an authentic account of work carried by Miss. Jyothimol T.V under my supervision and guidance in this department during the academic year 2016 for practical fulfillment of the requirement of M.Sc. Degree in Botany of MG University.

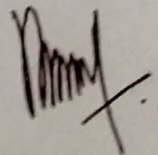


Dr.P.O Augusthy

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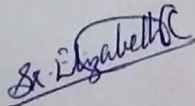
Dr.Jomy Augustine.M.Sc,PhD
Head of the Department of Botany
St.Thomas College, Pala

Place: PALAI

Date: 31-8-2016

CERTIFICATE

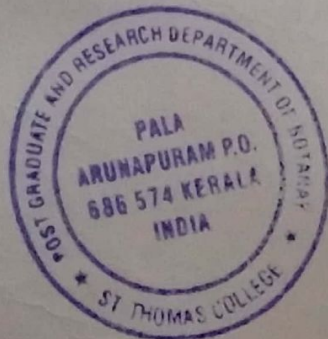
This is to certify that the dissertation entitled "*In vitro* propagation of *Bacopa monnieri* (L.) Wettst by nodal explants and callus organogenesis" submitted to Mahatma Gandhi University ,Kottayam in partial fulfillment of the requirements for the award of degree of **Master of Science in Botany** is a record of original research done by **Linta Jose** 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 on the basis for the award of any Degree/Diploma /fellowship or similar title to candidate of any University



Sr.Elizabeth Kurian

Department of Botany

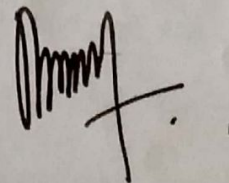
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Place: **Pala**

Date: **31-08-2016**

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Dr. Jomy Augustine. M.Sc, PhD

Head of the Department of Botany

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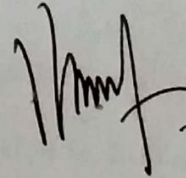
This is to certify that the project entitled 'FLOWERING WEEDS IN TEA PLANTATIONS OF IDUKKI DISTRICT' submitted to Mahatma Gandhi University, Kottayam in partial fulfillment for the requirements for the award of the Degree in Master of Science in Botany is a record of original work done by NIJITHA.T.K during the period of her study in the Department of Botany under the guidance of,

Dr. Jomy Augustine

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Botany Department

Forward by,



Dr. Jomy Augustine

Associate Professor

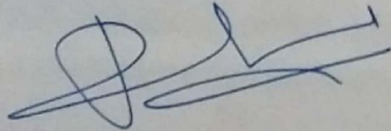
Head of Botany Department

St.Thomas College, Pala



CERTIFICATE

This is to certify that the dissertation entitled "**Production of Plantlets for Cultivation by In- Vitro Culture of Ginger (*Zingiber officinale* Rosc.) Rhizome buds**" embodies the results of bonafied study and research carried out by **Jain Thomas**, Department of Botany, St. Thomas College, Pala, under my guidance and supervision in partial fulfillment for M.Sc. Degree in Botany. No part of this dissertation has been submitted for any other degree, diploma, title or recognition before.

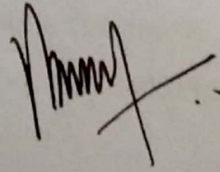


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St. Thomas College, Pala

Place: *Pala*

Date: *31.08.2016*

