

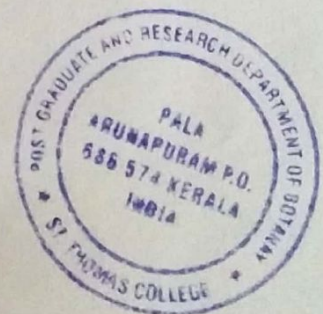
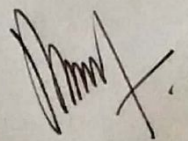
# CERTIFICATE

This is to certify that the dissertation entitled “**Comparison of cross section of nodal region of five species of *Polygonum***” submitted to Mahatma Gandhi University, Kottayam in partial fulfillment of the requirements for the award of the degree of Master of Science in Botany is a record of the original research done by Ms. Priya Philip 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 or similar title to any candidate of any University.

**DR. JOMY AUGUSTINE. M.Sc, Ph.D.**

Professor & head of the Department of Botany

*Forwarded:*



**DR. JOMY AUGUSTINE. M.Sc, Ph.D**

Head of the Department of Botany

## CERTIFICATE

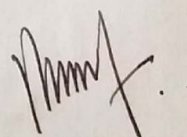
This is to certify that the dissertation entitled "**collection of *Lobelia species*** " submitted to Mahathma Gandhi University , Kottayam in partial fulfillment of the requirements for the award of the degree of **Master of Science** in Botany is a record of the original research done by **Swathi T C** 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/Felloship or similar title to candidate of any university.

Dr. Jomy Augustine

Head of the Department of Botany

St. Thomas College, Pala

Forwarded



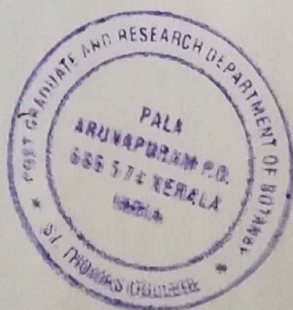
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Head of the Department of  
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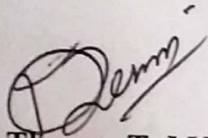
Place: Pala

Date: 17.09.2015



# CERTIFICATE

This is to certify that the dissertation entitled “ Micropropagation and antibacterial activities of *Thottea siliquosa* (Lam.) Ding Hou” submitted to Mahatma Gandhi University, Kottayam in partial fulfilment of the requirements for the award of the degree of **Master of Science in Botany** is a record of the original research done by **Joby Mathew** during the period of his 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 candidate of any University.



**Dr. Dennis Thomas T. MSc, Ph.D.**

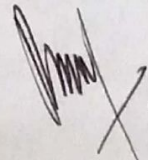
Supervisor.

Assistant Professor, Department of Botany

St. Thomas College Palai



Forwarded:



**Dr. Jomy Augustine MSc, Ph.D**

Head of the Department of Botany

St. Thomas College Palai

Place: Palai

Date: 15-09-2015