

Morphological and Molecular Variations of Stamen Development among Selected Species in the Family Zingiberaceae

DISSERTATION SUBMITTED TO THE MAHATMA GANDHI UNIVERSITY,
KOTTAYAM IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR
THE AWARD OF THE DEGREE OF

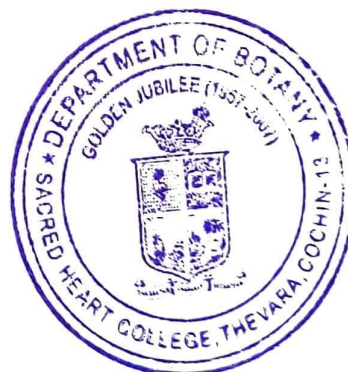
MASTER OF SCIENCE

(BOTANY)

BY

NANDINI.S

(REGISTER NUMBER: 17PBOT1755)



DEPARTMENT OF BOTANY
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2019

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1. *[Signature]* 4/6/19
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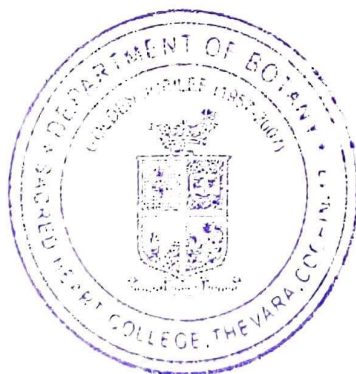
Dr. Lesly Augustine


Assistant Professor

Department of Botany

CERTIFICATE

This is to certify that the project report entitled **"Morphological and Molecular Variations of Stamen Development among Selected Species in the Family Zingiberaceae"** is an authentic record of project work done by **Ms. Nandini S.** at **Sacred Heart College (Autonomous), Thevara, Kochi** under my supervision, in partial fulfillment for the award of the **Master of Science in Botany** of **Mahatma Gandhi University, Kottayam, Kerala** and that no part of this work has not been submitted earlier for the award of any other degree or diploma.




3/6/2019
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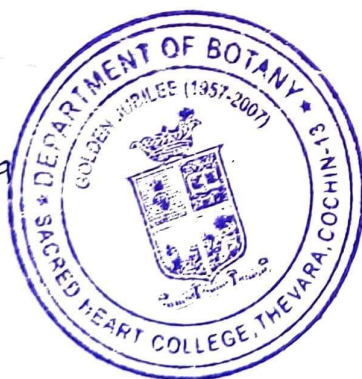
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CERTIFICATE

This is to certify that the dissertation entitled “**Morphological and Molecular Variation of Stamen Development among Selected Species in the Family Zingiberaceae**” 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 bonafide record of the original project work done by **Nandini.S. (REG. NO. 17PBOT1755)** during the period of study in the Department of Botany, Sacred Heart (Autonomous) College, Thevara, under the guidance and supervision of Dr. Lesly Augustine, Assistant Professor, Department of Botany, Sacred Heart (Autonomous) College, Thevara and that this project report has not previously formed the basis for the award of any degree, diploma or other similar titles to the best of my knowledge.

Thevara

Date 03/06/2019



Dr. Fr. Jose John

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DECLARATION

I hereby declare that the dissertation entitled “**Morphological and Molecular Variations of Stamen Development among Selected Species in the Family Zingiberaceae**” submitted to Mahatma Gandhi University, Kottayam, in partial fulfilment of the requirements for the award of the degree of Master of Science is a bonafide record of the original project work done by me under the supervision and guidance of Dr. Lesly Augustine, in Botany and that it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar title or recognition to any candidate of the university.

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Date 03/06/2019



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