

**DEPARTMENT OF BOTANY  
ST. BERCHMANS COLLEGE  
CHANGANACHERRY**



**CERTIFICATE**

We, the undersigned, certify that the thesis of the following student meets the required standards of scholarship, format, and style of the university and the student's graduate degree program for the awarding of the Bachelors' degree.

**ROSHAN MATHEW**

**Reg. No: 11903152**

*[Handwritten signature]*  
**Dr Soni Scaria**

**Thesis Supervisor**

**Dr. Salvy Thomas**



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**24/5/22**  
**Head of the Department**

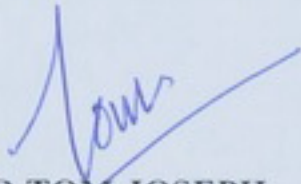
**Head  
Department of Botany  
St. Berchmans College  
Changanacherry, Kerala**

1.  
*[Handwritten signature]*  
**24/5/22**

## CERTIFICATE

This is to certify that the dissertation entitled “Floristic Studies Periyar Wild life Sanctuary of  
dukki District;Kerala.” is bonafide record of the work carried out by, **SUHAYIL SHAJI**

REG NO:11903153.,B.Sc. Botany student of department of Botany, St. Berchman’s college,  
hanganassery , in partial fulfilment of the requirements for the award of Degree of Bachelor of Science in  
otany of Mahatma Gandhi University, Kottayam, during the year 2019-2022.



**MR. TOM JOSEPH**

Project Guide



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**DR. SALVY THOMAS**

Head of the Department  
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### Examiners :

1. *Elizabeth*  
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2. *lm*  
24/5/22



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CHANGANASSERY, KERALA

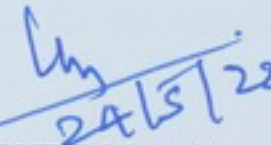
DEPARTMENT OF BOTANY

## CERTIFICATE

This is to certify that the dissertation entitled "Standardisation of Tetrazolium test in *Cucurbita maxima* Duchesne" is bonafide record of the work carried out by AARON ANTO, REG.NO: 11903130; B.Sc. Botany student of department of Botany, St. Berchmans College, Changanacherry, in partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Botany of Mahatma Gandhi University, Kottayam, during the year 2019-2022.

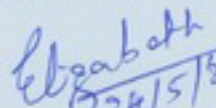
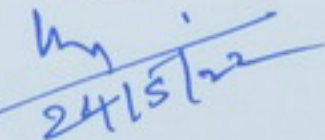
  
Dr. SALVY THOMAS

Project Guide

  
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Head of the Department  
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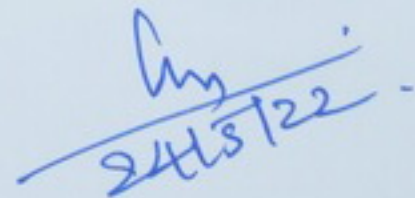
## Certificate

I hereby certify that this project entitled '*Documentation of a few recently introduced ornamental plants through plant nurseries to evaluate their invasive potential.*' has been carried out by Mr. Abhishek Job in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

  
20/5/22

**Mr. Ajeesh Joseph**

Project Guide

  
24/5/22

**Dr. Salvy Thomas**

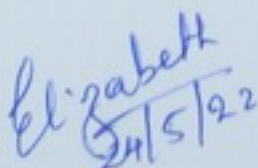
Head of the Department

Department of Botany  
St. Berchmans College  
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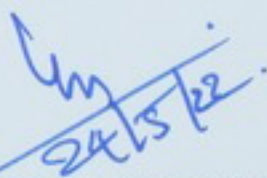


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24/5/22

## CERTIFICATE

Certified that this project report entitled "**Studies on the leaf galls of *Ophiorrhiza mungos* Linn.**" submitted to St. Berchmans College (Autonomous) in partial fulfilment for the award of the degree of **Bachelor of Science in Botany**, is a bonafide record of studies carried out by **Mr. AKHILNATH C S (11903134)** during **the year 2021 - 2022** at St. Berchmans College, Changanassery and that it has not been previously submitted for the award of any degree or diploma or any other title of recognition.

  
24/5/22

**Dr. SALVY THOMAS**

Head

Head of the Department  
Department of Botany  
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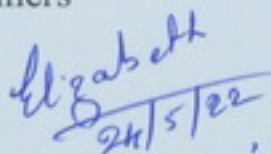
  
21.5.2022

**Dr. JOSEPH JOB**

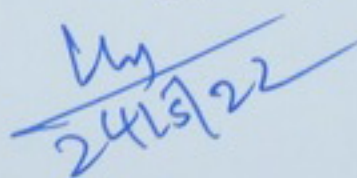
Supervising teacher

Examiners

1.

  
24/5/22

2.

  
24/5/22



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Changanassery, Kottayam, Kerala, India-686101

## CERTIFICATE

I hereby certify that this project entitled **PLANT DIVERSITY STUDY OF PLAPRA SACRED GROVE, CHANGANACHERRY, KERALA** has been carried out by **HASHIM MUHAMMAD N** to St. Berchmans College (Autonomous), Changanassery, in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

**BIJU GEORGE**

(Project Guide)

Assistant professor

Department of Botany

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**Dr. Salvy Thomas**

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Department of Botany

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1. Elizabeth  
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Changanassery, Kottayam, Kerala, India-686101

## CERTIFICATE

I hereby certify that this project entitled **Influence of pH on growth rate of *Chlorella vulgaris*** has been carried out by **ALAN SIBY** with **11903135** to St. Berchmans College (Autonomous), Changanassery, in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

**Jebin Joseph**

(Project Guide)

Assistant professor

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**Dr. Salvy Thomas**

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Changanassery, Kottayam, Kerala, India-686101

## CERTIFICATE

I hereby certify that this project entitled **Influence of pH on growth rate of *Chlorella vulgaris*** has been carried out by **CHRISTIN JAMES** with **11903140** to St. Berchmans College (Autonomous), Changanassery, in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

**Jebin Joseph**

(Project Guide)

Assistant professor

Department of Botany

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Valmud

**Dr. Salvy Thomas**

Head of the department

Department of Botany

Department of Botany

St. Berchmans College

Changanacherry, Kerala

1. Elizabeth  
24/5/22

2. [Signature]  
24/5/22



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Changanassery, Kottayam, Kerala, India-686101

## CERTIFICATE

I hereby certify that this project entitled **Plant Diversity study of Plapra Sacred Groove, Changanacherry, Kerala** has been carried out by **Samanyu Rajeev** to St. Berchmans College (Autonomous), Changanassery, in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

**BIJU GEORGE**

(Project Guide)

Assistant professor

Department of Botany

St. Berchmans College

  
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**Dr. Salvy Thomas**

Head of the department

Department of Botany

St. Berchmans College

Valued.  
1. Et. B. Babith  
25/4/22

2.   
24/5/22



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Affiliated to Mahatma Gandhi University, Kottayam, Kerala

Changanassery, Kottayam, Kerala, India-686101

## CERTIFICATE

I hereby certify that this project entitled *Influence of pH on growth rate of Chlorella vulgaris* has been carried out by **MIDLAJ MUHAMMED H** with **11903146** to St. Berchmans College (Autonomous), Changanassery, in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

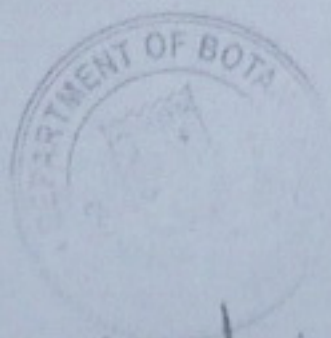
**Jebin Joseph**

(Project Guide)

Assistant professor

Department of Botany

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**Dr. Salvy Thomas**

Head of the department

Department of Botany

Department of Botany

St. Berchmans College

Changanacherry, Kerala

1. Elizabeth  
24/3/22

2.   
24/3/22



## Certificate

I hereby certify that this project entitled '*Documentation of a few recently introduced ornamental plants through plant nurseries to evaluate their invasive potential.*' has been carried out by Mr. Jeevan Antony in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2019-2022. This is a bonafide report done by the student under my supervision and guidance.

*[Signature]*  
20/5/22

**Mr. Ajeesh Joseph**

Project Guide



*[Signature]*  
24/5/22

**Dr. Salvy Thomas** Head

Department of Botany  
St. Berchmans College  
Changanacherry, Kerala

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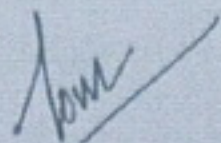
1. *[Signature]*  
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2. *[Signature]*  
24/5/22

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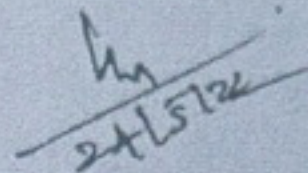
This is to certify that the dissertation entitled "Floristic Studies Periyar Wild life Sanctuary of Idukki District;Kerala." is bonafide record of the work carried out by, **ALBIN JOHNSON**

REG NO:11903136.,B.Sc. Botany student of department of Botany, St. Berchman's college, changanassery , in partial fulfilment of the requirements for the award of Degree of Bachelor of Science in Botany of Mahatma Gandhi University, Kottayam, during the year 2019-2022.



**MR. P.M. JOSEPH**

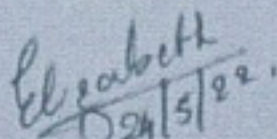
Project Guide

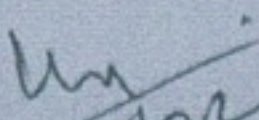


**DR. SALVY THOMAS**

Head of the Department  
Department of Botany  
St. Berchmans College  
Changanacherry, Kerala

## Examiners :

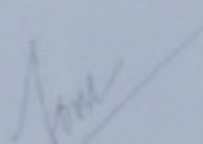
1.   
024/5/22
- 2.

  
24/5/22



## CERTIFICATE

I hereby certify that this project entitled **Plant Diversity Study of Plapra Sacred Groove, Changanacherry, Kerala** has been carried out by **Alan P.S** to St. Berchmans College (Autonomous), Changanassery, in partial fulfillment of requirement of Bachelors' Degree in Botany Program offered by the college during the year 2018-2021. This is a bonafide report done by the student under my supervision and guidance.

  
Biju George

Thomas

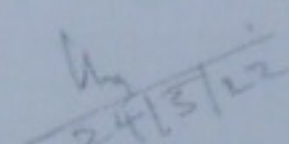
(Project Guide)

Assistant professor

Department of Botany

St. Berchmans College

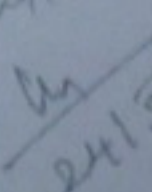


  
Dr. Salvy

Head of the department

Department of Botany

St. Berchmans College

Valued.  
1. Elizabeth  
24/5/22  
2.   
24/5/22



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CHANGANASSERY, KERALA

DEPARTMENT OF BOTANY

## CERTIFICATE

This is to certify that the dissertation entitled "Standardisation of Tetrazolium test in *Momordica charantia* L." is bonafide record of the work carried out by NACHIKETH S, REG. NO: 11903148; B.Sc. Botany student of department of Botany, St. Berchmans College, Changanacherry, in partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Botany of Mahatma Gandhi University, Kottayam, during the year 2019-2022.

Dr. SALVY THOMAS

Project Guide



Dr. SALVY THOMAS

Head of the Department

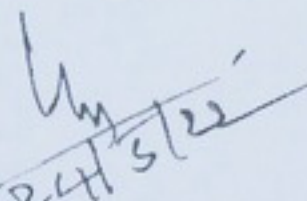
Department of Botany  
St. Berchmans College  
Changanacherry, Kerala

### Examiners:

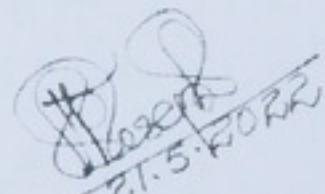
1. Elizabeth  
24/5/22
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24/5/22

# CERTIFICATE

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24/5/22  
**Dr. SALVY THOMAS**

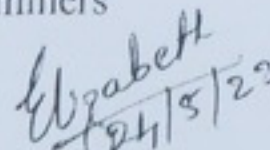


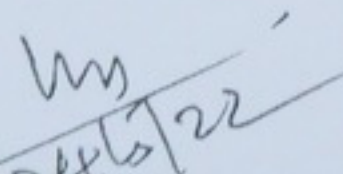
  
21.5.2022  
**Dr. JOSEPH JOB**

Head of the Department  
Department of Botany  
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Supervising teacher

Examiners

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2.   
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