HERB AND SHRUB DIVERSITY OF SREE SANKARA COLLEGE

CAMPUS,KALADY,KERALA

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

Abhirami V S Athira Gopalakrishnan Sreelakshmi P S Sreelakshmi Vijay Silpa Shiju

Reg No: 200021023666 Reg No: 200021023668 Reg No: 200021023679 Reg No: 200021023680 Reg No: 200021023693

Under the Guidance of

Manjusha C Gopi

Guest Lecturer, Department of Botany



DEPARTMENT OF BOTANY

SREE SANKARA COLLEGE, KALADY

BONAFIED CERTIFICATE

This is to certify that the dissertation entitled " HERB AND SHRUB DIVERSITY OF SREE SANKARA COLLEGE CAMPUS, KALADY, KERALA " submitted to Mahatma Gandhi University in the partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY is a original work done by ABHIRAMI V S(200021023666), ATHIRA GOPALAKRISHNAN(200021023668), SREELAKSHMI P S(200021023679), SREELAKSHMI VIJAY(200021023680) and SILPA SHIJU(200021023693) under the guidance of MANUSHA C GOPI, Guest Lecturer, Department of Botany, Sree Sankara College, Kalady, during academic year 2022-2023.

Examiners: 1. $\frac{1}{2}$

MANJUSHA C GOPI

Guest Lecturer, Department of

Botany

MICROGREEN FROM FIVE LEGUMINOSAE SPECIES

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

ACHUHASARA C S KRISHNAPRIYA V R ATHIRA M Reg No: 200021023667 Reg No: 200021023673 Reg No: 200021023683

Under the Guidance of

Dr. KRISHNA R. NAIR

Guest Lecturer, Department of Botany



DEPARTMENT OF BOTANY

SREE SANKARA COLLEGE, KALADY

(Affiliated to Mahatma Gandhi University)

APRIL 2023



SREE SANKARA COLLEGE, KALADY **DEPARTMENT OF BOTANY** POST BOX-1 KALADY -683574 PH.NO:0484-2462341

BONAFIED CERTIFICATE

This is to certify that the dissertation entitled " MICROGREEN FROM FIVE LEGUMINOSAE SPECIES " submitted to Mahatma Gandhi University in the partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY, is a record of original work done by ACHUHASARA C S, KRISHNAPRIYA V R, ATHIRA M under the guidance of Dr. KRISHNA R. NAIR, Guest Lecturer, Department of Botany, Sree Sankara College, Kalady, during academic year 2022-2023.

Examiners: 1. 28423 2

Dr. KRISHNA R. NAIR Guest Lecturer, Department of Botany

A STUDY ON ALLELOPATHIC EFFECT OF SPHAGNETICOLA CALENDULACEA (L.) PRUSKI IN THE GROWTH OF VIGNA RADIATA SEEDS

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

ATHUL DEEPAK P S RESHMA SURESH DEVIKA NARAYANAN Reg No: 200021023669 Reg No: 200021023675 Reg No: 200021023684

Under the Guidance of

Dr. JAYALAKSHMI P S

Guest Lecturer, Department of Botany



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APRIL 2023



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BONAFIED CERTIFICATE

This is to certify that the dissertation entitled " A STUDY ON ALLELOPATHIC EFFECT OF SPHAGNETICOLA CALENDULACEA (L.) PRUSKI IN THE GROWTH OF VIGNA RADIATA SEEDS" submitted to Mahatma Gandhi University in the partial fulfilment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY, is a record of original work done by ATHUL DEEPAK P.S., RESHMA SURESH and DEVIKA NARAYANAN under the guidance of Dr. JAYALAKSHMI P.S., Guest Lecturer, Department of Botany, Sree Sankara College, Kalady during academic year 2022-2023.

AKSHMI P. S.

Guest Lecturer, Department of Botany

Examiners: 1.

COMPARITIVE ANATOMICAL STUDIES OF THREE SPECIES OF

MELASTOMA

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

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SHRUTHIMOL P RAJAN	Reg No: 200021023678
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Under the Guidance of

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BONAFIED CERTIFICATE

"COMPARITIVE This is to certify that the dissertation entitled ANATOMICALSTUDIES OF THREE SPECIES OF MELASTOMA" submitted to Mahatma Gandhi University in the partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY, is a record of original work done by HISHAM MOHAMMED(200021023671), SHRUTHIMOL P RAJAN (200021023678), DAWN VARGHESE(200021023698) and APARNA M ANANDAN(200021023682) under the guidance of MANJUSHA C GOPI, Guest Lecturer, Department of Botany, Sree Sankara College, Kalady, during academic year 2022-2023.

Examiners: 1.

MANJUSHA C GOPI

2

Guest Lecturer, Department of Botany

Ethnobotanical investigation among tribes in Ernakulam district

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

ΒY

SEBASTIAN M STEEPHEN

GAYATHRY GANESH SREEKUTTY MOHANAN Reg No: 200021023677 Reg No: 200021023699

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Under the Guidance of Dr. KRISHNA R. NAIR Guest Lecturer, Department of Botany



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BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled " ETHNOBOTANICAL INVESTIGATION AMONG TRIBES IN ERNAKULAM DISTRICT " submitted to Mahatma Gandhi University in the partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY, is a record of original work done by SEBASTIAN M STEEPHEN, GAYATHRY GANESH AND SREEKUTTY MOHANAN under the guidance of Dr. KRISHNA R. NAIR, Guest Lecturer, Department of Botany, Sree Sankara College, Kalady, during academic year 2022-2023.

J.Y.

Examiners: 1. 2819123

Dr. KRISHNA R. NAIR Guest Lecturer, Department of Botany

2.

A STUDY ON VEGETATIVE PROPAGATION OF Bambusa ventricosa

1

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY BY GAYATHRY NANDANA P L REG No.200021023685 **INDULEKHA M** REG No.200021023700 REG No.200021023690 NAYANA S K **SANDRA REG No.200021023676 RENI REJI REG No.200021023674 REG No.200021023692 R DEVANANDA REG No.200021023696** ANJALI M P **PRINCE JOSEPH** REG No.200021023691 **REG No.200021023681** AJITH M R

Under the Guidance of

Dr. JEE G Lecturer, Department of Botany



This is to certify that this work "A Study on vegetative propagation of *Bambusa ventricosa* "is a record ofproject work carried out by INDULEKHA M (200021023700), SANDRA BINU (200021023676),NAYANA S K(200021023690),GAYATHRY NANDANA P L (200021023685), RENI REJI (200021023674),ANJALI M P (200021023696), AJITH M R (200021023681), R DEVANANDA(200021023692), PRINCE JOSEPH (200021023691) under my supervision andGuidance.

Dr.Jee.G

Place: Kalady

Date:

A STUDY ON ANTI-MITOTIC BEHAVIOUR OF CHASSALIA CURVIFLORA (WALL.EX KURZ) THWAITES

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

NANDANA AJI GOKUL E.R. DEVIKA SAJU

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BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON ANTI-MITOTIC BEHAVIOUR OF CHASSALIA CURVIFLORA (WALL.EX KURZ) THWAITES" submitted to Mahatma Gandhi University in the partial fulfilment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY, is a record of original work done by NANDANA AJI, GOKUL E.R. and DEVIKA SAJU under the guidance of Dr. JAYALAKSHMI P.S., Guest Lecturer, Department of Botany, Sree Sankara College, Kalady during academic year 2022-2023.

Examiners: 1. 12-23

ALAKSHMI P. S. Dr.

Guest Lecturer, Department of Botany

2.

ESTIMATION OF PIGMENTS IN INDOOR AND OUTDOOR PLANTS

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

SREELAKSHMI K S GOPIKA NARAYANAN VISHAK K S Reg No: 200021023695 Reg No: 200021023687 Reg No: 200021023701

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APRIL 2023



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BONAFIED CERTIFICATE

This is to certify that the dissertation entitled "ESTIMATION OF PIGMENTS IN INDOOR AND OUTDOOR PLANTS " submitted to Mahatma Gandhi University in the partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN BOTANY, is a record of original work done by SREELAKSHMI K S, GOPIKA NARAYANAN AND VISAKH K S under the guidance of Dr. KRISHNA R. NAIR, Guest Lecturer, Department of Botany, Sree Sankara College, Kalady, during academic year 2022-2023.

Dr. KRISHNA R. NAIR

Guest Lecturer, Department of Botany

Examiners: 1. Pe 28/4/23

INDOOR PLANTS: A SURVEY ON DEMAND, BENEFITS, AND MARKET TRENDS

Dissertation submitted To

MAHATMA GANDHI UNIVERSITY

In partial fulfillment of the requirements for the Award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

BY

ATHULYA N A KRISHNAPRIYA M S NABEESA NAZRIN

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APRIL 2023



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Examiners: 1.

28/4/23

Dr. AYALAKSHMI P. S.

Guest Lecturer, Department of Botany

2.



This is to certify that **ATHIRA A. U.,** Adm. No. E8141, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **ATHIRA RAJAN**, Adm. No. E7920, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **AYFOONA PARVIN K. K.**, Adm. No. E8428, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **FATHIMA SHAHNAS P. S.**, Adm. No. E8270, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **GEORGE JOSEPH K.**, Adm. No. E8248, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **HIBA T. P.,** Adm. No. E8435, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **NANDANA JITHESH**, Adm. No. E8171, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that NANDANA KUMARAN, Adm. No. E8066, First Semester B. Sc. Botany has completed a project titled 'Organic Manure Making' as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **NAVYA NAIR M. J.**, Adm. No. E8051, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **NEHALA ANWAR K**, Adm. No. E8288, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **NITHIN JOY**, Adm. No. E8437, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **RITHIKA RAJU**, Adm. No. E8026, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **RIYA AUGUSTINE**, Adm. No. E7965, First Semester B. Sc. Botany has completed a project titled 'Organic Manure **Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **SAMEEHA SALIM**, Adm. No. E7949, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **SHIVATHEERTHA C. P.,** Adm. No. E8274, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **YASIRA M. S.,** Adm. No. E8348, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **ANANDHU SAJI**, Adm. No. E8441, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **ANANDHU ANIL**, Adm. No. E8425, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **ANEESHA M SURESH**, Adm. No. E7919, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ANJANA KUNJUMON**, Adm. No. E7976, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ANULAKSHMI M. V.,** Adm. No. E7948, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ARYALAKSHMI M. V.,** Adm. No. E7836, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **DEVAPRIYA C. B.**, Adm. No. E8357, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **HRIDYA K.**, Adm. No. E8328, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **SREELAKSHMI T. S.**, Adm. No. E8048, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ARAVIND MURALI**, Adm. No. E8350, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **GAYATHRI T. V.,** Adm. No. E8069, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **GOPIKA S. P.,** Adm. No. E8052, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **GOPIKA SIBIN**, Adm. No. E7973, First Semester B. Sc. Botany has completed a project titled **'Organic Manure Making'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.

Dr. Minimol K. C. Course Coordinator



Dr. Preethi Nair



This is to certify that **ATHIRA A. U.**, Adm. No. E8141, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ATHIRA RAJAN**, Adm. No. E7920, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **AYFOONA PARVIN K. K.**, Adm. No. E8428, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **FATHIMA SHAHNAS P. S.**, Adm. No. E8270, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



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CERTIFICATE

This is to certify that **GEORGE JOSEPH K.**, Adm. No. E8248, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **HIBA T. P.**, Adm. No. E8435, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



SANKAR NAGAR, KALADY – 683 574, ERNAKULAM DISTRICT, KERALA Phone : 0484 2462341 Fax : 0484 2466878 Website : www.ssc.edu.in Email:info@ssc.edu.in RE-ACCREDITED IN THE THIRD CYCLE BY NAAC WITH B++ GRADE

CERTIFICATE

This is to certify that **NANDANA JITHESH**, Adm. No. E8171, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



SANKAR NAGAR, KALADY – 683 574, ERNAKULAM DISTRICT, KERALA Phone : 0484 2462341 Fax : 0484 2466878 Website : www.ssc.edu.in Email:info@ssc.edu.in RE-ACCREDITED IN THE THIRD CYCLE BY NAAC WITH B++ GRADE

CERTIFICATE

This is to certify that **NANDANA KUMARAN**, Adm. No. E8066, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **NAVYA NAIR M. J.**, Adm. No. E8051, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



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CERTIFICATE

This is to certify that **NEHALA ANWAR K**, Adm. No. E8288, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **NITHIN JOY**, Adm. No. E8437, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **RITHIKA RAJU**, Adm. No. E8026, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **RIYA AUGUSTINE**, Adm. No. E7965, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **SAMEEHA SALIM**, Adm. No. E7949, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **SHIVATHEERTHA C. P.**, Adm. No. E8274, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **YASIRA M. S.**, Adm. No. E8348, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ANANDHU SAJI**, Adm. No. E8441, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ANANDHU ANIL**, Adm. No. E8425, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



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CERTIFICATE

This is to certify that **ANEESHA M SURESH**, Adm. No. E7919, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



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CERTIFICATE

This is to certify that **ANJANA KUNJUMON**, Adm. No. E7976, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



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CERTIFICATE

This is to certify that **ANULAKSHMI M. V.**, Adm. No. E7948, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



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CERTIFICATE

This is to certify that **ARYALAKSHMI M. V.**, Adm. No. E7836, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **DEVAPRIYA C. B.**, Adm. No. E8357, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **HRIDYA K.**, Adm. No. E8328, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



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CERTIFICATE

This is to certify that **SREELAKSHMI T. S.**, Adm. No. E8048, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **ARAVIND MURALI**, Adm. No. E8350, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **GAYATHRI T. V.**, Adm. No. E8069, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **GOPIKA S. P.**, Adm. No. E8052, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal



This is to certify that **GOPIKA SIBIN**, Adm. No. E7973, Second Semester B. Sc. Botany has completed a project titled **'Organic Farming'** as part of the Massive Open Online Course of Mahatma Gandhi University on 'Organic Farming' during the academic year 2022-23.



Dr. Preethi Nair Principal