

M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled "A taxonomic study of some lichens collected from MES Asmabi college P. Vemballur campus, Kodungallur, Kerala....." submitted byAkshaya K K....., Reg.No.PG22MBT001..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher


Sherni CB


Dr. GIRIJA T.P

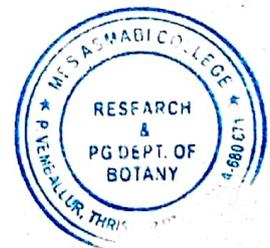
Head of the Department

Head of Department
Research & PG Dept. of Botany
MES Asmabi College
P. Vemballur, Thrissur Dt.
Kerala - 680 671

Examiners

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled "Taxonomic study of lichens collected from ValliKattu Kavu, Kozhikode....." submitted byAnusree T K....., Reg.No.PG22MBT002..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher

Shemi CB

[Signature]
Dr. GIRIJA T.P

Head of the Department

Examiners

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2.

Head of Department
Research & PG Dept. of Botany
MES Asmabi College
P. Vemballur, Thrissur Dt.
Kerala - 680 671



M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....**Studies on Mangrove associated Diatoms in Thrissur District, Kerala.....**" submitted by**Aswani S Gupta.....**, Reg.No. ...PG22MBT003... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher

Dr. GIRIJA T. P.

Assistant Professor & Research Guide
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MES Asmabi College, P.Vemballur
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Examiners

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Dr. GIRIJA T.P

Head of the Department

Head of Department
Research & PG Dept. of Botany
Head of Department
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MES Asmabi College
P. Vemballur, Thrissur District,
Kerala - India



M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled “
.....Pharmacognostical and Phytochemical studies of *Terminalia*
species with special reference to substitution and
adulterations.....” submitted byAthulya O M..., Reg.No.
.....PG22MBT004..... in partial fulfilment for the degree of Master of Science
in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to
University of Calicut is a bonafide work carried out by her during the
fourth semester of the course.

Supervising Teacher

Dr. GIRIJA T.P.
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Dr. GIRIJA T.P

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Examiners

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....**Terrestrial cyanobacteria of selected habitats of Kodungallur, Thrissur, Kerala.....**" submitted by**Ayisha Henna P P...**, Reg.No.**PG22MBT005.....** in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.


SHAHEEDHA T. M
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Kerala - 680 671
Supervising Teacher


Dr. GIRIJA T.P.
Head of the Department

Examiners

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Head of Department
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Kerala - 680 671



M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled “.....Endophyte bacterial analysis in medicinal plants: *Oscimum sanctum* and *Oscimum basilicum*.....” submitted byFathimath Risha A P..., Reg.No.PG22MBT006..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course:


Supervising Teacher


Dr. GIRIJA T.P.
Head of the Department

Examiners

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Head of Department
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Kerala - 680 671



M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Hydropriming and biopriming in *Solanum melongina* L. Under drought stress....." submitted byHadhiya A P..., Reg.No.PG22MBT007..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher
Dr. SUSHA K. C., MPhil, PhD, NET
Assistant Professor
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Examiners

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled “.....**Molecular taxonomic studies on Pithophora roettleri (Roth) Wittrock.....**” submitted by**Haritha T M...**, Reg.No.PG22MBT008..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher

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Examiners

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Dr. GIRIJA T.P

Head of the Department

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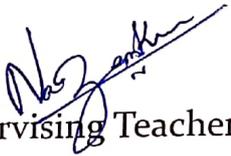


M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Heavy metal accumulation in selected plants....." submitted byHima E P..., Reg.No.PG22MBT009..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.


Supervising Teacher


Dr. GIRIJA T.P

Head of the Department

Examiners

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Head of Department
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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....**Impact of sand bar in Mangrove vegetation Kadalundy-Vallikunnu community reserve by geographic information system**" submitted by**Malavika M Nair**..., Reg.No.**PG22MBT011**..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

SHAHEEDHA T. M
Assistant Professor,
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Examiners

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Dr. GIRIJA T.P

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Studies on lichens growing on mango trees in KFRI Peechi campus....." submitted byNandhanadas K..., Reg.No.PG22MBT012..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher *Shemi CB*

G.P.
Dr. GIRIJA T.P

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Examiners

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Endophyte bacterial analysis in adulterant medicinal plants *Piper longum* and *Piper chaba*....." submitted bySayyidath Shamila V T ..., Reg.No.PG22MBT014..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.


Supervising Teacher

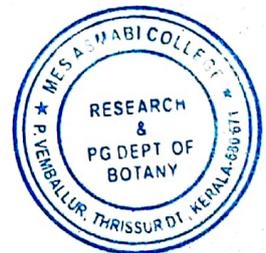

Dr. GIRIJA T.P

Head of the Department

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Examiners

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Nutrient priming and hydropriming for drought stress tolerance in *Solanum melongina* L....." submitted byShibila Sherin ..., Reg.No.PG22MBT015..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher

Dr. JISHA K. C., MPhil, PhD, NET
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Examiners

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Dr. GIRIJA T.P

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Cyanobacteria in biological crusts of various soil types in Thrissur Dt.,Kerala :" submitted bySruthi K ..., Reg.No.PG22MBT016..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

SHAHEEDHA T. M
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Assistant Professor
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Examiners

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Head of the Department

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Kerala - 680 671



M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Floristic studies on Polyporales in Kodungallur, Thrissur Dt., Kerala....." submitted bySumayya K J ..., Reg.No.PG22MBT017..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

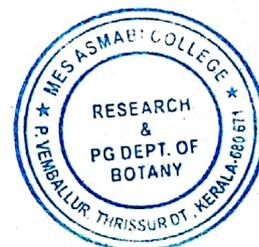
Supervising Teacher **SHASHA K. C.**, MPhil, PhD, NET
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Examiners

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M.E.S ASMABI COLLEGE, P.VEMBALLUR
RESEARCH AND PG DEPARTMENT OF BOTANY



CERTIFICATE

This is to certify that the dissertation entitled ".....Taxonomic studies on Saxicolous lichens of KFRI Peechi campus" submitted bySwathy R K ..., Reg.No.PG22MBT018..... in partial fulfilment for the degree of Master of Science in Botany of M.E.S Asmabi college, P. Vemballur, Thrissur affiliated to University of Calicut is a bonafide work carried out by her during the fourth semester of the course.

Supervising Teacher


Shemi CB


Dr. GIRIJA T.P

Head of the Department

Head of Department
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P. Vemballur, Thrissur Dt.
Kerala - 680 671

Examiners

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RESEARCH DEPARTMENT OF BOTANY
M.E.S ASMABI COLLEGE, P.VEMBALLUR



CERTIFICATE

This is to certify that the project entitled **“Ecological Studies on Perumthodu, Kaipamangalam, Thrissur Dt., Kerala”** submitted by Nazihah Shali....., Reg.No. AI.A.V.S.B.O.P.S...... in partial fulfillment for the Degree of **Bachelor of Science in Botany** of University of Calicut in M.E.S Asmabi College is a bonafide work carried out by them during the fifth & sixth semester of the course.

Supervising Teacher

Head of the Department

Examiners:

1. Jm 20/3/2024

2. Purnima 20/3/24

Head of Department
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MES Asmabi College
P. Vemballur, Thrissur Dt.
Kerala - 680 671



RESEARCH DEPARTMENT OF BOTANY
M.E.S. ASMABI COLLEGE, P. VEMBALLUR



CERTIFICATE

This is to certify that the dissertation entitled "**Comparative Morphological Analysis of *Amaranthus viridis* L. and *Amaranthus dubius* Mart. ex Thell. Rrown in Soil, Soil with nutrient solution and Hydroponics**" submitted in partial fulfillment for the Degree of Bachelor of Science in Botany of M.E.S. Asmabi college in the University of Calicut is a bonfide work carried out by the group during the final year of the course.

Dr. Girija T.P

Supervising teacher

Dr. GIRIJA T.P.
Assistant Professor & Research Guide
Research & P.G Department of Botany
MES Asmabi College, P.Vemballur
Kodungallur, Thrissur-680671, Kerala-India

Examiners

1.....

Jm
20/3/24

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Ramane
20/3/24

Dr. Girija T.P

Head of the department of Botany

Head of Department
Research & P.G Dept. of Botany
MES Asmabi College
P. Vemballur, Thrissur Dt.
Kerala - 680 671



RESEARCH AND PG DEPARTMENT OF BOTANY M.E.S ASMABI COLLEGE,
P. VEMBALLUR



CERTIFICATE

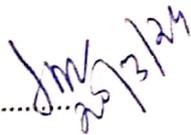
This is to certify that the dissertation entitled 'PRELIMINARY MONITORING OF MANGROVE ECORESTORATION: A CASE STUDY IN THE SREE NARAYANPURAM GRAMA PANCHAYATH' submitted by Fitha T. M., Fasma K. M., Mubeena P. N., Irfana Parvin C. A., Karthika K. B. in partial fulfilment for the Degree of Bachelor of Science in Botany of M.E.S. Asmabi College, P. Vemballur, Thrissur affiliated to the University of Calicut is a bonafide work carried out by them during the sixth semester of the program.

Dr. K.H. Amitha Bachan
Research Guide

Dr. Girija T.P. 
Head of the Department

Head of Department
Research & PG Dept. of Botany
MES Asmabi College
P. Vembaliur, Thrissur Dt.
Kerala - 680 671

Examiners

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**DEPARTMENT OF BOTANY
MES ASMABI COLLEGE, P.VEMBALLUR**



CERTIFICATE

This is to certify that the project entitled 'EASSESSMENT OF DISSOLVED OXYGEN LEVELS :EXPLORING WATER SOURCES IN SREENARAYANA PURAM PANCHAYATH, THRISSUR DISTRICT' submitted by SULTHANA P.N. with Reg. No. AIAVSBO024 in partial fulfillment for the Degree of Bachelor of Science in Botany of M.E.S Asmabi College in the University of Calicut is a *bona fide* work carried out by him/her during the final year of the course.

Nazeeema M.K
Supervising Teacher

Dr. Girija T.P.
Head of the Department of Botany

Head of Department
Research & PG Dept. of Botany
MES Asmabi College
P. Vemballur, Thrissur DL
Kerala - 580 671

Examiners :-

1.....

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Jhr
20/3/24



DEPARTMENT OF BOTANY
M.E.S ASMABI COLLEGE, P. VEMBALLUR



CERTIFICATE

This is to certify that the '*A PRELIMINARY SURVEY ON THE CHARACTERS, PROPAGATION AND USES OF SOME SELECTED INDOOR PLANTS*' Submitted in partial fulfillment for the Degree of Bachelor of Science in Botany of M.E.S. Asmabi College in the University of Calicut is a bona fide work carried out by the student during the sixth semester of the course.

Dr Jisha, K. C.

Supervising Teacher

Dr. Girija TP

Head of the Department of Botany

Head of Department
Research & PG Dept. of Botany
M.E.S. Asmabi College
P. Vemballur - Thrissur Dt
Kerala - 686 071

Examiners:

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24/5/2024

DEPARTMENT OF BOTANY
M.E.S ASMABI COLLEGE, P. VEMBALLUR



CERTIFICATE

This is to certify that the 'PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF METHANOLIC LEAF EXTRACT FROM *Cnidoscopus aconitifolius* (Mill.) I.M. Johnst.' submitted in partial fulfillment for the Degree of Bachelor of Science in Botany of M.E.S. Asmabi College in the University of Calicut is a bona fide work carried out by the student during the sixth semester of the course.

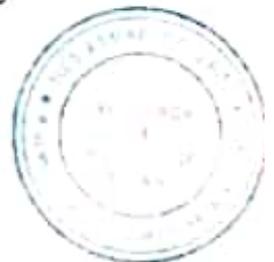
Shemi C B

Supervising Teacher
Mrs. Shemi C.B.
Asst. Professor, Research & PG Dept. of Botany
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Dr. Girija TP

Head of the Department of Botany

Head of Department
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Kerala - 680671



Examiners:

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DEPARTMENT OF BOTANY
MES ASMABI COLLEGE, P. VEMBALLUR



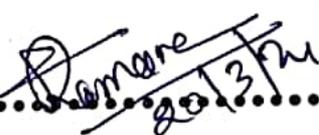
CERTIFICATE

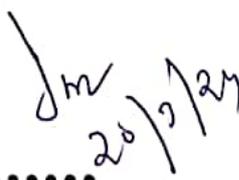
This is to certify that the project entitled 'EXPLORING EXOTIC WEED FLORA IN MATHILAKAM BLOCK PANCHAYATH, THRISSUR DISTRICT' submitted by RISVANA P.S. with Reg. No. AIAVSBO039 in partial fulfillment for the Degree of Bachelor of Science in Botany of M.E.S Asmabi College in the University of Calicut is a *bona fide* work carried out by him/her during the final year of the course.


Nazeema M.K.
Supervising Teacher


Dr. Girija T.P.
Head of the Department of Botany

Examiners : -

1..... 2013/24

2..... 20/2/24



Head of Department
Research & PG Dept. of Botany
MES Asmabi College
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