

**ANTIMICROBIAL ACTIVITY OF DRIED AND FRESH LEAF
EXTRACT OF *SIMAROUBA GLAUCA* AGAINST SOME HUMAN
PATHOGENIC BACTERIAL STRAINS**

This dissertation is submitted to the
UNIVERSITY OF CALICUT

In partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN BOTANY

2014 - 2016

Submitted by
APARNA JOSEPH V.
(Reg. No. : CRAOMBT001)



Department of botany
Carmel College Mala
(Affiliated to the University of Calicut)

**MORPHOLOGY, PHENOLOGY, ANATOMY, SEED
CULTURING AND ANTIBACTERIAL EFFECT OF
Dichrostachys cinerea (L) Wight & Arn- A RARE
PLANT TO KERALA**

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Submitted by

DHANISHA T.K

REG NO: CRAOMBT002



2014 – 2016

Department of Botany

Carmel College, Mala

(Affiliated to the University of Calicut)

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**EFFECT OF PAPAYA LATEX ON ISOLATION OF
PROTOPLAST FROM LEAVES OF COLOCASIA
PLANT**

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UNIVERSITY OF CALICUT

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MASTER OF SCIENCE IN BOTANY

Submitted By
FEMI J. OOKKEN
(REG.NO: CRAOMBT003)



2014-2016

Department of Botany

Carmel College Mala

(Affiliated to the University of Calicut)

**EFFECT OF *Anthoceros* EXTRACT ON SEED
GERMINATION, GROWTH PERFORMANCE AND
BIOCHEMICAL PARAMETERS OF *Abelmoschus
esculentus* (L.) Moench**

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MASTER OF SCIENCE IN BOTANY

Submitted by

GOPIKA.V.D

REG NO: CRAOMBT004

Under the guidance of



2014-2016

Department of Botany

Carmel College Mala

(Affiliated to the University of Calicut)

**DIRECT AND INDIRECT ORGANOGENESIS AND *IN VITRO*
FLOWERING OF *Lindernia crustacea* (L.) F. MUELL
(SCROPHULARIACEA) FROM LEAF AND SHOOT EXPLANT**

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In partial fulfillment of the requirements for the award of degree of
Master of Science in Botany

Submitted by

GREESHMA RAMACHANDRAN
(REG NO: CRAOMBT005)

Dr. Sr. Kochuthressia K. P



2014 -2016

Department of Botany

Carmel College, Mala

(Affiliated to the University of Calicut)

**MICROPROPAGATION VIA SHOOT TIP
EXPLANT OF *Woodfordia fruticosa* (L.) Kurz. AND
ANTIBACTERIAL STUDY**

This dissertation is submitted to the

UNIVERSITY OF CALICUT

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MASTER OF SCIENCE IN BOTANY

Submitted By

JAYARI PAULSON

(REG. NO: CRAOMBT006)



2014- 2016

Department of Botany

Carmel College Mala

(Affiliated to the University of Calicut)

**“PRELIMINARY EVALUATION OF CURRENT
ENVIRONMENTAL STATUS OF MALA CHAAL, THRISSUR
(Dist.), KERALA”**

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UNIVERSITY OF CALICUT

In partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN BOTANY

Submitted By

KAVYA. K. S

(REG NO: CRAOMBT007)



2014-2016

Department of Botany

Carmel College Mala

(Affiliated to the University of Calicut)

October 2016

CARMEL COLLEGE MALA, KERALA

680 732

(Affiliated to the University of Calicut)



CERTIFICATE

This is to certify that dissertation work entitled "**IDENTIFICATION OF FLORISTIC VEGETATION AND THE IMPORTANCE OF PHYSIO-CHEMICAL WATER PARAMETERS IN THREE DIFFERENT PONDS**" submitted to Calicut university in partial fulfillment of the award of master of science in botany is a record of original work done by Ms. Kavya .K. Sasikumar, Reg. No: CRAOMBT008, during the period of her study (2014-16) in the department of botany, Carmel College, mala.

Dr. Bindhu K. B.
Department of Botany
Head of the Department
Carmel College Mala
H.O.D. DEPT. OF BOTANY
Carmel College, Mala

Guide

Mrs. Sunitha Subramanian
Assistant professor on
contract

Examiners

1. *Dr. Chitra G.*
6/10/2016. DR. CHITRA.G.

2.



“Vegetational studies in relation to selected hydrological parameters in Karuvannur River bank, Thrissur (Dist.), Kerala”

This dissertation is submitted to the

UNIVERSITY OF CALICUT

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MASTER OF SCIENCE IN BOTANY

Submitted by

PRIYANKA. K.S

REG NO:CRAOMBT009



2014-2016

Department of Botany

Carmel College Mala

(Affiliated to the University of Calicut)

Silver

VEGETATIONAL AND SOIL ANALYSIS OF OUR CAMPUS, CARMEL COLLEGE, MALA

This dissertation is submitted to the

UNIVERSITY OF CALICUT

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MASTER OF SCIENCE IN BOTANY

2014 – 2016

Submitted by

SEENA V.M.

REG.NO: CRAOMBT010



2014 – 2016

Department of Botany

Carmel College, Mala

(Affiliated to the University of Calicut)

**ALTERNATIVE STAINING TECHNIQUE USING
EXTRACTS OF MANGOSTEEN
(*Garcinia mangostana*, L.) AND HENNA
(*Lawsonia inermis*, L.) IN DIAGNOSING
PLANT TISSUES.**

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MASTER OF SCIENCE IN BOTANY

Submitted by

SNEHA SHAJAN

REG NO: CRAOMBT011



2014 – 2016

Department of Botany

Carmel College, Mala

(Affiliated to the University of Calicut)

October 2016

**COMPARATIVE STUDY OF THE EFFECT OF TWO
HAIR DYE (SYNTHETIC AND NATURAL) AND
HENNA ON MITOTIC BEHAVIOUR OF
ALLIUM CEPA L. ROOT TIP CELLS**

*DISSERTATION SUBMITTED TO CALICUT UNIVERSITY IN
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SCIENCE IN BOTANY*

Submitted by
SYAMA SIVAN
REG. NO: CRAOMBT012

Under the guidance of



2015 - 2016

Department of Botany

Carmel College Mala

(Affiliated to the University of Calicut)