

**A PRELIMINARY STUDY ON TAXONOMIC AND MEDICINAL USES
OF PLANTS IN PORATHISSERY GRAMA PANCHAYATH,
THRISSUR DISTRICT KERALA**

Dissertation Submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

AGNA ANIL

Reg. No: CCAUMBT001

Under the guidance of,

Prof. JACOB ABRAHAM PULIKAL



DEPARTMENT OF BOTANY

CHRIST COLLEGE IRINJALAKUDA (AUTONOMOUS)

JULY 2022

**A PRELIMINARY TAXONOMIC STUDY OF ANGIOSPERMS &
PTERIDOPHYTES IN TRIPRANGODE GRAMA PANCHAYATH,
TIRUR TALUK,
MALAPPURAM
DISTRICT, KERALA**

Dissertation Submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In Partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

ANUVIND K R

Reg. No: CCAUMBT002

Under the guidance of,

Prof. JACOB ABRAHAM PULIKAL



DEPARTMENT OF BOTANY

CHRIST COLLEGE IRINJALAKUDA (AUTONOMOUS)

JULY 2022

**COMPARATIVE STUDY ON IMPACT OF AIR POLLUTION ON
LEAFMORPHOLOGY, ANATOMY, STOMATA AND
CHLOROPHYLL CONTENT OF FIVE SELECTED PLANT SPECIES
GROWING IN TWO SELECTED SITES OF CHELAKKARA
DISSERTATION**

Submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

ARATHY K. JOSE

Reg. No: CCAUMBT003

Under the guidance of

Mrs. SWEETY M. S.



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

JUNE 2022

**A COMPARATIVE STUDY ON PHYTOREMEDIATION
OF DOMESTIC WASTEWATER USING THE PLANTS
Alternanthera sessilis (L.) R.Br.ex DC. and *Hygrophila
schulli*(Hamilt.) M.R. Almeida & S.M. Almeida.**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

ASWATHY C R

Reg no:CCAUMBT004

Under the guidance of,

SABEENA A.M

Guest Lecturer, Department of Botany

Christ College (Autonomous),

Irinjalakuda



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS)

IRINJALAKUDA JUNE 2022

**A study on the field level variability and diversity of
Phyllanthus amarus Schum. & Thonn. in Thrissur and
Malappuram Districts of Kerala**

Dissertation submitted to
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
(Affiliated to University of Calicut)
in partial fulfilment of the requirements for the award of the
degree of

MASTER OF SCIENCE IN BOTANY

by

ATHIRA C. P.
Reg. no: CCAUMBT005



**DEPARTMENT OF BOTANY
CHRIST COLLEGE (AUTONOMOUS),
IRINJALAKUDA
JUNE 2022**

**STUDY ON LARVICIDAL EFFICACY OF PLANT EXTRACT
AGAINST *Aedes albopictus*, A POTENTIAL DENGUE VECTOR
AND PHYTOCHEMICAL ANALYSIS.**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

CHANDANA U

Reg No: CCAUMBT006

Under the guidance of,

Prof. E. J. VINCENT

Co-guidance by,

Dr. E. PUSHPALATHA



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA

JUNE 2022

**FLORISTIC ANALYSIS OF WETLAND PLANTS IN THE
SELECTED WETLANDS OF WARD XIII AND XIV OF
PARIYARAM PANCHAYATH, THRISSUR DISTRICT, KERALA**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

CLAUDIA MATHEW

Reg. No: CCAUMBT007

Under the guidance of,

SABEENA A. M.

Guest lecturer,

Department of Botany,

Christ College (Autonomous), Irinjalakuda



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS),

IRINJALAKUDA

JUNE 2022

**ELITE SCREENING OF PASSIFLORA EDULIS SIMS. BASED ON
PHYTOCHEMICAL ANALYSIS, ALLELOPATHIC EFFECTS AND
ENDOPHYTIC FUNGI IN THE ROOT, STEM AND LEAVES**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

DHANYA.V

Reg. No: CCAUMBT008

Under the guidance of

Mrs. SWEETY. M. S.



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA

JULY 2022

**A STUDY ON MYCOFLORA ASSOCIATED WITH BRASSICA NIGRA L. AND
SESAMUM INDICUM L. AND THE EFFECT OF FOUR MEDICINAL PLANT
EXTRACTS ON SEED VIABILITY AND SEEDLING GROWTH IN
VARIOUS CONCENTRATION**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

JACQUELINE BABY

Reg. No: CCAUMBT009

Under the guidance of

Mrs. SREELAKSHMI V.V



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

JUNE 2022

**A PRELIMINARY TAXONOMIC DOCUMENTATION ON RIPARIAN
PLANTS ALONG THE TRIBUTARY OF ANGAMALY- MANJALY
THODU, ERNAKULAM DISTRICT, KERALA.**

DISSERTATION

Submitted to

**CHRIST COLLEGE (AUTONOMOUS),
IRINJALAKUDA**

(Affiliated to University of Calicut)

In partial fulfilment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN BOTANY

By

**JOBY JOHNSON
Reg. No. CCAUMBT010**

Supervised by

Prof . E.J. VINCENT

Co-Ordinator

**PG Department of Botany,
Christ College (Autonomous), Irinjalakuda**



**DEPARTMENT OF BOTANY
CHRIST COLLEGE, IRINJALAKUDA
AUGUST 2022**

**PRELIMINARY PHYTOCHEMICAL ANALYSIS AND STUDY OF
ENDOPHYTIC FUNGI IN THE ROOT, STEM AND LEAVES OF COIX
LACRYMA-JOBI L. (JOB'S TEARS)**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfilment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

JYOTHIKA ANN GEORGE

Reg. No: CCAUMBT011

Under guidance of,

Mrs. SREELAKSHMI V. V.



**DEPARTMENT OF BOTANY
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
JULY 2022**

**COMPARATIVE STUDY ON THE IMPACT OF AIR POLLUTION AND THE
ASSESSMENT OF AIR POLLUTION TOLERANCE INDEX (APTI) OF SELECTED
ROADSIDE PLANT SPECIES OF SHORANUR AND CHERUTHURUTHY AREA :
AN ECO-MANAGEMENT APPROACH**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfilment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

KRISHNAVENI E .U.

Reg.No: CCAUMBT012

Under the guidance of,

Mrs. SWEETY M. S.



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

JUNE 2022

**TAXONOMIC DOCUMENTATION OF PTERIDOPHYTES OF WARD XIII OF
PARALAM PANCHAYAT, THRISSUR DISTRICT, WITH SPECIAL REFERENCE
TO STEM/STIPE ANATOMY**

DISSERTATION SUBMITTED TO

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
(Affiliated to university of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

LIMNA LAKSHMANAN P

Reg. No: CCAUMBT013

Under the guidance of,

SABEENA A.M

Guest lecturer, Department of Botany

Christ College (Autonomous),

Irinjalakuda



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA

JUNE 2022

Characterisation and nutritional analysis of *Coleus amboinicus* (Lour.) Spreng.

Dissertation submitted to
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
(Affiliated to University of Calicut)
in partial fulfilment of the requirements for the award of the degree of

MASTER OF SCIENCE IN BOTANY

by

SANDRA VIJAYAN
Reg. no: CCAUMBT014



DEPARTMENT OF BOTANY
CHRIST COLLEGE (AUTONOMOUS),
IRINJALAKUDA
JUNE 2022

**“A PRELIMINARY TAXONOMIC INVESTIGATION ON THE
INVASIVE ALIEN ANGIOSPERM OF PADIYOOR PANCHAYATH,
THRISSUR DISTRICT, KERALA”**

Dissertation Submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the Degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

SRENILAKSHMI P S

Reg.No: CCAUMBT015

Under the guidance of

Prof.JACOB ABRAHM PULIKAL

Professor

Department of Botany Christ College (Autonomous) Irinjalakuda



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

JUNE 2022

**COMPARATIVE ALLELOPATHIC EFFECT OF *Hypoestes phyllostachya*
Baker. AND *Ruellia tuberosa* L. ON SEED GERMINATION AND
SEEDLING GROWTH OF
Vigna unguiculata (L.) Walp.**

Dissertation submitted to

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to University of Calicut)

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN BOTANY

Submitted by

VARNA P. S

Reg no: CCAUMBT016

Under the guidance of,

SABEENA A.M

Guest lecturer, Department of Botany

Christ College (Autonomous),

Irinjalakuda



DEPARTMENT OF BOTANY

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

JUNE 2022