

**SURVEY AND DOCUMENTATION OF VARIOUS
MUSHROOM CULTIVATION UNITS IN COIMBATORE
DISTRICT AND STUDY ON MUSHROOM CULTIVATION
PROCESS OF
OYSTER MUSHROOM (*Pleurotus osteratus*)**

**DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
DEPARTMENT OF BOTANY
BACHELOR OF SCIENCE IN BOTANY**

**SUBMITTED BY
SANJAY.S (201BO010R)**

Batch: 2023 - 2024

**UNDER THE SUPERVISION OF
DR. M. PARVEEN M.SC., M.PHIL., PH.D.
ASSISTANT PROFESSOR**



**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Re-accredited by NAAC with "A+" Grade (4th Cycle)
29th Rank Among Colleges in NIRF 2023
College of Excellence (UGC)
GN MILLS POST, COIMBATORE-641029,
TAMILNADU, INDIA**

April – 2024

**SURVEY AND DOCUMENTATION OF INVASIVE ALIEN SPECIES IN
ANUVAVI HILLS, COIMBATORE DISTRICT, TAMIL NADU, INDIA.**

**DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
AFFILIATED TO BHARATHIAR UNIVERSITY,
IN PARTIAL FULFILMENT FOR
THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN BOTANY**

**Submitted by
JAMUNA. M (211BO001)**

**Under the supervision of
Dr. H. Abdul Kaffoor M.Sc., M.Phil., Ph.D.
Assistant Professor, Department of Botany
Kongunadu Arts and Science College (Autonomous)
Coimbatore-641029**



**PG AND RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
RE-ACCREDITED BY NAAC WITH "A+" GRADE (4th CYCLE)
COLLEGE OF EXCELLENCE (UGC)
COIMBATORE- 641 029**

APRIL 2024

**SURVEY OF PTERIDOPHYTES FROM GUNDRI HILLS,
EASTERN GHATS, TAMIL NADU**

**DISSERTATION
SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
AFFILIATED TO BHARATHIAR UNIVERSITY
IN PARTIAL FULFILMENT FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN BOTANY**

**Submitted By
S. VIVILIA BLESSY
(Reg.No.211BO003)
HIB.Sc.,BOTANY**

**Under the Guidance of
Dr.D.MOORTHY, M.Sc.,M.Phil.,B.Ed.,Ph.D
Assistant Professor of Botany**



**PG AND RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
College of Excellence (UGC)**

Re-accredited by the NAAC with 'A' Grade (4th cycle)

29th Rank Among College in NIRF 2023

COIMBATORE-641209

APRIL-2024

FLORA OF CLIMBING PLANTS IN WEST COIMBATORE

DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
AFFILIATED TO BHARATHIAR UNIVERSITY, IN PARTIAL FULFILMENT FOR

THE AWARD OF THE DEGREE OF
BACHELORS OF SCIENCE IN BOTANY

Submitted by
SHANMUGAM .S (211BO004)

Under the guidance of
Dr. P. REVATHI M.Sc., B.Ed., Ph.D.
Assistant Professor, Department of Botany
Kongunadu Arts and Science College (Autonomous)
Coimbatore-641029



UG AND RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
RE-ACCREDITED BY NAAC WITH "A+" GRADE (4th CYCLE)
COLLEGE OF EXCELLENCE (UGC)
COIMBATORE- 641 029

MARCH 2024

**PRODUCTION AND STORAGE OF ARTIFICIAL SEEDS USING
IMMATURE SEEDS OF *Achyranthes aspera* Linn.**

**DISSERTATION SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

**AFFILIATED TO BHARATHIAR UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE AWARD OF THE DEGREE OF**

BACHELOR OF SCIENCE IN BOTANY

Submitted by:

M. Mohammed Javed (211BO005)

Under the Guidance of

Dr. R. THIRUGNANASAMPANDAN M.Sc., M.Phil., Ph.D. (SET)

Assistant Professor



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with "A+" Grade (4th Cycle)

29th Rank Among Colleges in NIRF 2023

College of Excellence (UGC)

**GN MILLS POST, COIMBATORE-641029,
TAMILNADU, INDIA**

April – 2024

**ETHNOBOTANICAL EXPLORATION OF MEDICINAL PLANT SPECIES
USED IN IRULAR TRIBAL MEDICINAL SYSTEM FOR THE TREATMENT
OF GYNECOLOGICAL DISORDERS**

Dissertation submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

In partial fulfillment for the award of

BACHELOR OF SCIENCE IN BOTANY

SUBMITTED BY

S. LOGANAYAKI

(Reg. No.: 211BO006)

Under the Guidance of

Dr. K. THENMOZHI

Assistant Professor and Head

Department of Botany



**PG AND RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

(Affiliated to Bharathiar University)

(Re-accredited by NAAC with 'A++' Grade (4th Cycle))

29th Rank among colleges in NIRF 2023

College of Excellence (UGC)

Coimbatore-641 029, Tamil Nadu, India

March-2024

**DIGITIZATION OF VASCULAR PLANT HERBARIUM COLLECTIONS
AT KONGUNADU ARTS AND SCIENCE COLLEGE (KASC),
COIMBATORE, TAMIL NADU**

Dissertation submitted to Kongunadu Arts and Science College
affiliated to Bharathiar University, Coimbatore
in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN BOTANY

Submitted by

Mr. M. SAAHIL (211BO007)

Ms. A. PARVATHI (211BO009)

III B.Sc. Botany

Under the guidance of

Dr. V. ARAVINDHAN

Assistant Professor of Botany



**PG AND RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

Re-accredited by NAAC with 'A+' Grade (4th Cycle)

College of Excellence (UGC)

29th Rank among Colleges in NIRF - 2023

COIMBATORE – 641 029, TAMIL NADU

APRIL 2024

**The Chemical Composition and Biological Properties of
Essential Oil of *Cymbopogon flexuosus*
(Nees ex Steud.) W. Watson**

Dissertation submitted to Kongunadu Arts and Science College affiliated to
Bharathiar University, Coimbatore in partial fulfillment of the requirements
for the award of the degree of

BACHELOR OF SCIENCE IN BOTANY

Submitted by

Ms. DEVI, S. (211BO008)

Under the guidance of

Dr. K. SOWNDHARARAJAN
Assistant Professor of Botany



**PG AND RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

College of Excellence (UGC)

Re-accredited by NAAC with 'A++' Grade (4th Cycle)

29th Rank among Colleges in NIRF 2023

COIMBATORE – 641 029, TAMIL NADU

APRIL 2024

ETHNOBOTANICAL SURVEY OF MEDICINAL PLANTS IN GUDALUR TALUK, THE NILGIRIS

DISSERTATION

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS), AFFILIATED TO BHARATHIAR UNIVERSITY IN
PARTIAL FULFILLMENT FOR THE AWARD OF

BACHELOR OF SCIENCE IN BOTANY

Submitted by

SUNANTHINI . R (211BO010)

Under the supervision of

Dr. P.SUMATHI, M.Sc., M. Phil., DHM., DCA., Ph.D.,

Assistant Professor of Botany

PG and Research Department of Botany,

Kongunadu Arts and Science College

(Autonomous)



PG AND RESEARCH DEPARTMENT OF BOTANY

KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Re-accredited by NAAC with A+ Grade (4th cycle)

29th Rank among Colleges in NIRF 2023

COLLEGE OF EXCELLENCE (UGC)

COIMBATORE - 641029.

APRIL - 2024

DOCUMENTATION OF SCLEREIDS PATTERN AND DISTRIBUTION IN SOME ANGIOSPERMIC PLANTS

Dissertation submitted to Kongunadu Arts and Science College affiliated to Bharathiar University,
Coimbatore in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF SCIENCE IN BOTANY

Submitted by

SUDEESHNA S.J. (211BO012)

III B.Sc., BOTANY

Under the guidance of

Dr. K. KARTHIKA, M.Sc., Ph.D.,

Assistant Professor, Department of Botany



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

**Re-accredited by NAAC with "A" Grade in 4th Cycle College of
Excellence (UGC)**

**GN MILLS POST, COIMBATORE-641029, TAMIL NADU,
INDIA**

APRIL -2024

**PAPAYA LEAF EXTRACT AS FOLIAR SUPPLEMENTARY
TO IMPROVE ROOT BIOMASS AND QUALITY OF
INDIAN RADISH (RAPHANUS SATIVUS L.) - A WASTE TO
MANURE APPROACH**

**DISSERTATION SUBMITTED TO KONGUNADU ARTS AND SCIENCE
COLLEGE (AUTONOMOUS)**

*Affiliated to Bharathiar University in Partial Fulfillment of the
Requirement for the award of the Degree of*

BACHELOR OF SCIENCE IN BOTANY

Submitted by

MUHAMMAD ANAS

(Reg. No: 211BO013)

III B.Sc., Botany

Under the supervision of

Dr. R. REKKA, M.Sc., B.Ed., M.Phil., Ph.D

ASSISTANT PROFESSOR



PG AND RESEARCH DEPARTMENT OF BOTANY

**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS), COIMBATORE**

**RE-ACCREDITED BY NAAC WITH 'A' + 'GRADE (4th CYCLE)
COLLEGE OF EXCELLENCE (UGC), 29th Rank among Colleges in NIRF 2023
COIMBATORE-641029, TAMIL NADU**

APRIL, 2024

SURVEY AND DOCUMENTATION OF MEDICINAL PLANTS

**DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

In Partial Fulfillment for the Award of

BACHELOR OF SCIENCE IN BOTANY

**SUBMITTED BY
BHUVANESHWARI. M (211BO014)
KARTHICK. Y (211BO016)**

**UNDER THE GUIDANCE OF
Dr. G. DHANDAPANI, M.Sc., B.Ed., Ph.D., PDF (USA)**

**Assistant Professor
Department of Botany**



**PG RESEARCH DEPARTMENT OF BOTANY
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

(Affiliated by Bharathiar University)

Re-accredited by NAAC with A+ Grade (4th Cycle)

College of Excellence (UGC)

29th Rank among College in NIRF - 2013

Coimbatore - 641 029, Tamil Nadu, INDIA

APRIL, 2024