

**The Chemical Composition, Antimicrobial, and Antioxidant
Properties of Essential Oil from the Leaves of
Coleus amboinicus Lour.**

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

MASTER OF SCIENCE IN BOTANY

Submitted by

Ms. ANUSHA, S. (222BO001)

Under the guidance of

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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

**ANALYSIS OF CHEMICAL COMPOSITION AND EVALUATION OF
ANTIOXIDANT ACTIVITY OF INFLORESCENCE ESSENTIAL OIL
OF *Hyptis suaveolens* (L.) Poit**

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

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29th Rank Among College in NIRF 2023
COIMBATORE – 641 209
APRIL-2024

A SURVEY ON ORNAMENTAL PLANTS IN THADAGAM HILLS OF COIMBATORE DISTRICT, 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

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29th Rank among Colleges in NIRF - 2023

COIMBATORE – 641 029, TAMIL NADU

APRIL 2024

**STUDY ON SEED GERMINATION AND PLANT GROWTH RATE
OF COMMON BEANS (*PHASEOLUS VULGARIS* L.) IN
DIFFERENT SOIL SAMPLES**

**DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
AFFILIATED TO BHARATHIAR UNIVERSITY, IN PARTIAL FULFILMENT
FOR THE AWARD OF THE DEGREE OF
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29TH RANK AMONG COLLEGE IN NIRF 2023
COIMBATORE- 641 029**

APRIL 2024

EVALUATION OF PHYTOCHEMICAL CONSTITUENTS AND ANTIOXIDANT PROPERTY OF *Drynaria quercifolia* (L.)j. Sm.

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

**In partial fulfilment for the award of
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College of Excellence (UGC)
Coimbatore-641029, Tamil Nadu, INDIA**

APRIL 2024

**EVALUATION OF PHYTOCHEMICAL CONSTITUENTS AND
ANTIOXIDANT PROPERTY OF *IMPATIENS MINOR* (DC.) BENNET**

Dissertation submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

AFFILIATED TO BHARATHIAR UNIVERSITY, IN PARTIAL FULFILMENT

FOR THE AWARD OF THE DEGREE

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College of excellence-UGC

Coimbatore-641029,Tamil nadu, INDIA

APRIL 2024

**PHYTOCHEMICAL SCREENING AND LC-MS/MS ANALYSIS OF
ELAEOCARPUS SERRATUS L. IN KOTAGIRI, THE NILGIRIS
DISTRICT, TAMILNADU**

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

**IN PARTIAL FULFILMENT FOR THE AWARD OF THE DEGREE
MASTER OF SCIENCE IN BOTANY**

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College of Excellence – UGC

29th Rank among Colleges in NIRF - 2023

Coimbatore-641 029, Tamil Nadu, INDIA

APRIL, 2024

**EXTRACTION, ISOLATION AND IDENTIFICATION OF
PHENOLS, FLAVONOIDS AND SAPONINS FROM
HOLARRHENA PUBESCENS WALL. EX. G.DON. AND THEIR
POTENTIAL ANTIOXIDANT ACTIVITY**

**DISSERTATION SUBMITTED TO KONGUNADU ARTS AND SCIENCE
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*Affiliated to Bharathiar University in Partial Fulfillment of the
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COIMBATORE-641029, TAMIL NADU**

APRIL - 2024

**PHYTOCHEMICAL ANALYSIS OF *RHODOMYRTUS TOMENTOSA*
(Alton) Hassk.,**

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

**IN PARTIAL FULFILMENT FOR THE AWARD OF THE DEGREE
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Coimbatore-641 029, Tamil Nadu, INDIA**

APRIL, 2024

**INVESTIGATION ON PHYTOCHEMISTRY AND ANTIBACTERIAL
ACTIVITY IN THE LEAF EXTRACT OF *ANNONA SQUAMOSA* L.**

**DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
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THE AWARD OF THE DEGREE OF
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COIMBATORE- 641 029**

APRIL 2024

**SURVEY OF PTERIDOPHYTES FROM COONOR,
WESTERN 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
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COIMBATORE-641209

APRIL, 2024

**EXPLORATION OF PHYTOCONSTITUENTS AND *IN VITRO*
ANTIOXIDANT CAPACITY OF *OXALIS LATIFOLIA* KUNTIL.**

Dissertation submitted to

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Coimbatore-641 029, Tamil Nadu, India

March-2024

**PHYTOCHEMICAL AND ANTIOXIDANT ANALYSIS ON THE
RHIZOME OF RAUWOLFIA SERPENTINA (L.) BENTH. ex
KURZ.**

DISSERTATION SUBMITTED TO
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
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APRIL-2024

A Study on the Antimicrobial and Antioxidant Activities of Certain Aromatic Compounds

Dissertation submitted to Kongunadu Arts and Science College affiliated to
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COIMBATORE – 641 029, TAMIL NADU

APRIL 2024

**PHYTOCHEMICAL AND ANTIOXIDANT EVALUATION OF
HERBAL GEL PREPARED FROM FRUIT EXTRACT OF FICUS
AURICULATA LOUR. (MORACEAE)**

**DISSERTATION SUBMITTED TO KONGUNADU ARTS AND SCIENCE
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*Affiliated to Bharathiar University in Partial Fulfillment of the
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APRIL - 2024

**PHYTOCHEMICAL EVALUATION AND ANTIOXIDANT ANALYSIS
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APRIL 2024

**ETHNOBOTANICAL SURVEY OF MEDICINAL PLANTS USED BY
THE KURUMBA TRIBES IN MUKKUR, THE NILGIRIS, THE
WESTERN GHATS OF TAMIL NADU**

Dissertation submitted to
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APRIL 2024

A STUDY ON THE DIVERSITY OF WEEDS IN THADAGAM HILLS OF COIMBATORE DISTRICT, TAMIL NADU

Dissertation submitted to Kongunadu Arts and Science College
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