

**EVALUATION OF ANTIBACTERIAL AND ANTICANCER
ACTIVITY OF INFLORESCENCE ESSENTIAL OIL OF
Ocimum canum SIMS.**

DISSERTATION

SUBMITTED TO

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

AFFILIATED TO BHARATHIAR UNIVERSITY

**IN PARTIAL FULFILMENT OF REQUIREMENTS FOR THE AWARD OF THE
DEGREE OF**

MASTER OF SCIENCE IN BOTANY

Submitted By

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(Reg.No.172BO001)

II M. Sc. BOTANY

Under the Guidance of

Dr. R. THIRUGNANASAMPANDAN, M.Sc., M. Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF BOTANY

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

College of Excellence (UGC)

Re-accredited by the NAAC with 'A' Grade 3.64 CGPA out of 4 (3rd Cycle)

COIMBATORE- 641 029

APRIL - 2019

**EVALUATION OF PHYTOCHEMICAL, *IN VITRO* ANTIOXIDANT,
ANTIDIABETIC AND ANTIBACTERIAL ACTIVITIES OF *SAUROPLUS
ANDROGYNUS* (L.) Merr. (EUPHORBIACEAE)**

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

**MASTER OF SCIENCE
IN
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DEPARTMENT OF BOTANY

**Kongunadu Arts and Science College, (Autonomous),
[College with Potential for Excellence (UGC)]**

**[Re-accredited by NAAC with "A" Grade 3.64 CGPA out of 4 (91%)] Affiliated to
Bharathiar University, Coimbatore - 641 029, Tamilnadu,**

APRIL, 2019

**TRADITIONAL MEDICINAL PLANTS USED BY THE
MALAIYALI TRIBES OF KOLLI HILLS, EASTERN
GHATS OF NAMAKKAL DISTRICT, TAMIL NADU, INDIA**

MASTER OF SCIENCE

in

BOTANY

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DEPARTMENT OF BOTANY

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Re-Accredited by NAAC with 'A' Grade 3.64 CGPA out of 4 (3rd cycle)

College of Excellence (UGC),

Coimbatore - 641 029,

Tamil Nadu, India.

MARCH, 2019

**A STUDY ON THE MEDICINAL PLANTS USED BY THE
LOCAL TRADITIONAL HEALERS OF CHENNIMALAI,
ERODE DISTRICT, TAMILNADU, INDIA**

SUBMITTED BY

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COIMBATORE- 641 029

APRIL - 2019

**SURVEY AND DOCUMENTATION OF PLANT SPECIES PRESENT IN
HORTICULTURE FARM, KALLAR, METTUPALAYAM, WESTERN GHATS
OF TAMILNADU, INDIA.**

Dissertation submitted to Kongunadu Arts and Science College affiliated to Bharathiar
University in partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN BOTANY

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PG AND RESEARCH DEPARTMENT OF BOTANY

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COIMBATORE- 641 029.

APRIL - 2019

**"ANALYSIS OF PHYTOCHEMICAL CONTENTS, *In vitro*
ANTIOXIDENT ACTIVITY, ANTI DIABETICS ACTIVITY, ANTI
BACTERIAL AVTIVITY OF *Capsicum chinense* Jacq., (Solanaceae) IN
NILGIRIS DISTRICT, SOUTHERN WESTERN
GHARTS, TAMILNADU"**

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

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**[Re-accredited by NAAC with "A" Grade 3.64 CGPA out of 4 (91%)] Affiliated to
Bharathiar University, Coimbatore - 641 029, Tamilnadu,**

INDIA

March, 2019

**PRELIMINARY PHYTOCHEMICAL BY GC-MS ANALYSIS AND
in-vitro ANTIOXIDANT ACTIVITIES OF EUGENIA UNIFLORA (L.)
MYRTACEAE.**

Dissertation submitted to Kongunadu Arts and Science College affiliated to Bharathiar
University in partial fulfillment for the award of the degree of
MASTER OF SCIENCE IN BOTANY

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COIMBATORE- 641 029.

APRIL - 2019

**SURVEY OF MEDICINAL PLANTS IN NALLURVAYAL, COIMBATORE
DISTRICT, TAMILNADU**

THE PROJECT WORK

SUBMITTED BY

Master: ASHWINKUMAR, K.P.(REG NO: 172BO008)

UNDER THE GUIDANCE OF

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**KONGUNADU ARTS AND SCIENCE COLLEGE
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**[Re-accredited by NAAC with 'A' Grade- CGPA 3.64 out of 4 (III cycle)]
[College of Excellence (UGC)]**

COIMBATORE-641 029

APRIL,2019

ASSESSMENT OF PHYTOCHEMICAL, *IN VITRO* ANTIOXIDANT
ANTIDIABETIC AND ANTIBACTERIAL PROPERTIES OF
SARCOSTEMMA ACIDUM (Roxb.) Voigt (ASCLEPIADACEAE)

DISSERTATION SUBMITTED TO KONGUNADU ARTS AND SCIENCE
COLLEGE (AUTONOMOUS)
AFFILIATED TO BHARATHIAR UNIVERSITY IN PARTIAL FULFILLMENT FOR
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excellence (UGC) Coimbatore - 641 029, Tamil Nadu.

APRIL, 2019

**STUDIES ON THE ARBUSCULAR MYCORRHIZAL FUNGAL
ASSOCIATION IN THE PLANT SPECIES OF PONNUTHU HILLS,
WESTERN GHATS COIMBATORE DISTRICT, TAMILNADU**

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

**MASTER OF SCIENCE
IN
BOTANY**

Submitted by

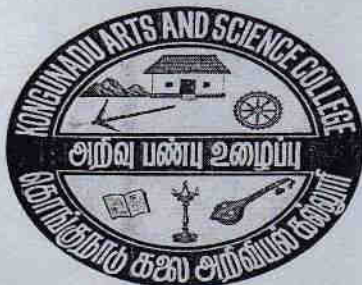
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DEPARTMENT OF BOTANY

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**[Re-accredited by NAAC with "A" Grade 3.64 CGPA out of 4 (91%)] Affiliated to
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INDIA

March, 2019

**SURVEY AND DOCUMENTATION OF MEDICINAL PLANTS PRESENT IN
THE KALRAYAN HILLS OF VELLIMALAI VILLAGE, KALLAKURICHI
DISTRICT, TAMIL NADUA, INDIA**

**MASTER OF SCIENCE
IN
BOTANY**

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APRIL, 2019

**EVALUATION OF ANTIOXIDANT AND ANTICANCER ACTIVITY OF
INFLORESCENCE ESSENTIAL OIL OF *OCIMUM CANUM* SIMS.**

DISSERTATION

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University

In Partial Fulfilment of Requirements for the Award of the Degree of

MASTER OF SCIENCE IN BOTANY

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KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

College of Excellence (UGC)

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COIMBATORE- 641 029

APRIL - 2019

**ETHNOBOTANICAL SURVEY ON MEDICINAL PLANTS USED
BY THE KADAR TRIBALS OF VAZACHAL, CHALAKUDI,
THE WESTERN GHATS OF KERALA**

DISSERTATION

**Submitted to Kongunadu Arts and Science College (Autonomous)
Affiliated to Bharathiar University in partial fulfilment of requirements
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COIMBATORE- 641 029

APRIL - 2019

**PHYTOCHEMICAL ANALYSIS, GC-MS ANTIBACTERIAL ACTIVITIES OF
SOLANUM ELAEAGNIFOLIUM Cav. (SOLANACEAE)**

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

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

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COIMBATORE 641029, TAMIL NADU, INDIA

APRIL, 2019

**STUDIES ON THE ARBUSCULAR MYCORRHIZAL FUNGAL
ASSOCIATION IN THE PLANT SPECIES OF PAITHAL HILLS,
WESTERN GHATS, KANNUR DISTRICT, KERALA**

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

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**[Re-accredited by NAAC with "A" Grade 3.64 CGPA out of 4 (91%)] Affiliated to
Bharathiar University, Coimbatore - 641 029, Tamilnadu,**

INDIA

MARCH, 2019

**ETHNOBOTANICAL SURVEY AND DOCUMENTATION OF MEDICINAL PLANTS
USED BY MALAYALI TRIBES IN SHEVARYOS HILLS (YERCAUD), SALEM
DISTRICT, TAMILNADU, INDIA**

DISSERTATION

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University

In Partial Fulfilment of Requirements for the Award of the Degree of

MASTER OF SCIENCE IN BOTANY

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Re-Accredited by NAAC with 'A' Grade 3.64 CGPA out of 4 (3rd cycle)

Coimbatore -641 029, Tamil Nadu, India

MARCH, 2019

**EVALUATION OF THE ANTAGONISTIC POTENTIAL OF
ACTINOMYCETES STRAINS AGAINST FUNGAL PLANT PATHOGENS**

DISSERTATION

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University

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COIMBATORE- 641 029

APRIL - 2019

**SURVEY AND DOCUMENTATION OF ETHNOMEDICINAL PLANTS
USED BY THE MULLA KURUMA TRIBES OF VAZHAVATTA
VILLAGE, WAYANAD DISTRICT, KERALA**

PROJECT REPORT

*Submitted to Kongunadu arts and Science College (Autonomous) affiliated to
Bharathiar University Coimbatore in partial fulfillment
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**MASTER OF SCIENCE
IN
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COLLEGE OF EXCELLENCE(UGC)

STAR COLLEGE SCHEME(DBT)

COIMBATORE 641 029, TAMIL NADU, INDIA.

MARCH -2019

**SCREENING OF BACTERIAL ANTAGONISTS FROM
FOREST HUMUS SOIL AGAINST *Sclerotium rolfsii***

DISSERTATION

Submitted to

Kongunadu Arts and Science College (Autonomous)
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MASTER OF SCIENCE IN BOTANY

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College of Excellence (UGC)
Re-accredited by the NAAC with 'A' Grade 3.64 CGPA out of 4 (3rd Cycle)
COIMBATORE- 641 029

APRIL - 2019.

**PHYTOCHEMICAL ANALYSIS, *IN VITRO* ANTIOXIDANT AND
LARVICIDAL EVALUATION OF PLANT *ANISOMELES*
MALABARICA (L.)**

DISSERTATION

Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University

In Partial Fulfilment of Requirements for the Award of the Degree of

MASTER OF SCIENCE IN BOTANY

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Coimbatore -641 029, Tamil Nadu, India.

MARCH, 2019