

**A SURVEY AND DOCUMENTATION OF MEDICINAL PLANTS USED BY  
THE LOCAL HEALERS OF C.N. KULI VILLAGE, ANAIKATTI, COIMBATORE,  
TAMIL NADU**

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

**MASTER OF SCIENCE IN BOTANY**

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**(REG. NO: 212BO012)**

Under the Guidance of

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**PG AND RESEARCH DEPARTMENT OF BOTANY**

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

Re-accredited by NAAC with an "A<sup>+</sup>" Grade (4<sup>th</sup> cycle)

**COLLEGE OF EXCELLENCE (UGC)**

**31<sup>st</sup> Rank among College in NIRF 2022**

**Coimbatore – 641 029.**

**APRIL, 2023**

**ETHNOBOTANICAL SURVEY ON MEDICINAL PLANTS USED BY  
COMMUNITIES AROUND BURLIYAR, NILIGIRI DISTRICT,  
INDIA.**

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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COLLEGE OF EXCELLENCE (UGC)

COIMBATORE-641029.

**APRIL - 2023**

**GREEN SYNTHESIS OF COPPER OXIDE NANO PARTICLES  
USING *Orthosiphon thymiflorus* (Roth) Sleesen. INFLORESCENCE**

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)  
COIMBATORE – 641 029**

**APRIL - 2023**

**EX SITU CONSERVATION OF PLANT SPECIES IN NILGIRI BIOSPHERE NATURE  
PARK AT ANAIKATTY, WESTERN GHATS, TAMILNADU.**

Dissertation submitted to  
**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),**  
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**COLLEGE OF EXCELLENCE (UGC)**

Coimbatore – 641 029,

**APRIL 2023**

# **BRYOFLOA OF THAISHOLA REGION, THE NILGIRIS**

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

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

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College of Excellence (UGC)

31<sup>st</sup> rank among colleges in NIRF 2022

Coimbatore – 641 029.

APRIL, 2023

# **Antimicrobial Effect of Certain Major Components of Plant Essential Oils**

Dissertation submitted to Kongunadu Arts and Science College affiliated to  
Bharathiar University, Coimbatore in partial fulfillment of the requirements for the  
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**MASTER OF SCIENCE IN BOTANY**

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KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
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**COIMBATORE – 641 029, TAMIL NADU**

**APRIL 2023**

**Isolation and Identification of Antagonistic Endophytic  
Bacteria from *Phyllanthus amarus* against *Colletotrichum  
falcatum* Causing Red Rot Disease in Sugarcane**

Dissertation submitted to Kongunadu Arts and Science College affiliated to  
Bharathiar University, Coimbatore in partial fulfillment of the requirements for  
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**MASTER OF SCIENCE IN BOTANY**

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**31<sup>st</sup> Rank among Colleges in NIRF 2022  
COIMBATORE – 641 029, TAMIL NADU**

**APRIL 2023**

**MORPHO-ANATOMICAL, ANTIOXIDANT, QUALITATIVE AND  
QUANTITATIVE PHYTOCHEMICAL ANALYSIS STUDY OF ETHANOLIC  
EXTRACT OF VARIOUS PARTS OF THE ORCHID CALANTHE MASUCA  
(D.DON)LINDL.**

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

**MASTER OF SCIENCE IN BOTANY**

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**COLLEGE OF EXCELLENCE (UGC)**

**Coimbatore – 641 029.**

**MARCH, 2023**

# **ESTABLISHMENT OF BIO-INDOOR ENVIRONMENT AND ANALYZE THE BIO-FILTRATION OF INDOOR POLLUTANTS BY PLANTS**

Dissertation submitted to Kongunadu Arts and Science College (Autonomous),  
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## **MASTER OF SCIENCE IN BOTANY**

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**Re-accredited by NAAC with an "A<sup>+</sup>" Grade (4<sup>th</sup> cycle)**

**COLLEGE OF EXCELLENCE (UGC)**

**Coimbatore – 641 029.**

**APRIL, 2023**

**QUANTIFICATION OF SECONDARY METABOLITES, EVALUATION OF  
ANTIOXIDANT & ANTIBACTERIAL POTENTIAL OF  
CALYPTOCARPUS VIALIS LESS.,**

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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**PG AND RESEARCH DEPARTMENT OF BOTANY  
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
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COLLEGE OF EXCELLENCE (UGC)  
31<sup>st</sup> RANK AMONG COLLEGES IN NIRF 2022  
COIMBATORE- 641029**

**APRIL 2023**

**IMPACT OF CHEMICAL STRESS ON PHENOLICS, FLAVANOIDS  
AND TERPENOID CONTENTS AND ANTIOXIDANT ACTIVITY  
OF BACOPA MONNIERI (L.) WETTEST**

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

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KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
RE-ACCREDITED BY NAAC WITH "A+" GRADE (4<sup>th</sup> CYCLE)  
COLLEGE OF EXCELLENCE (UGC)  
COIMBATORE ~ 641 029**

**APRIL 2023**

**DESIGNING NEW HERBAL WOUND DRESSINGS:  
DEVELOPING BIOPOLYMER COATED COTTON GAUZE  
FABRIC INCORPORATING TALINUM PORTULACIFOLIUM  
(Forssk.) Aschers.ex. Schweinf EXTRACT AND EVALUATING ITS  
WOUND HEALING ABILITY**

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*

**MASTER OF SCIENCE IN BOTANY**

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**PG AND RESEARCH DEPARTMENT OF BOTANY**

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

RE-ACCREDITED BY NAAC WITH 'A + 'GRADE (4<sup>th</sup> CYCLE)  
COLLEGE OF EXCELLENCE (UGC),  
31<sup>st</sup> Rank among Colleges in NIRF 2022  
COIMBATORE-641029, TAMIL NADU  
**APRIL - 2023**

**PHYTOCHEMICAL PROFILING, ANTIOXIDANT AND ANTI-  
INFLAMMATORY POTENTIAL OF AQUEOUS WHOLE PLANT EXTRACT  
OF *MICROSORUM MEMBRANACEUM* (D.DON) CHING (POLYPODIACEAE)**

Dissertation submitted to Kongunadu Arts and Science College (Autonomous),  
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**MASTER OF SCIENCE IN BOTANY**

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**PG AND RESEARCH DEPARTMENT OF BOTANY  
KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),  
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COLLEGE OF EXCELLENCE (UGC), 31<sup>st</sup> Rank among Colleges in NIRF 2022

COIMBATORE-641029, TAMIL NADU

**APRIL, 2023**

**STUDIES ON THE EFFECT OF BOTANICALS AND OILS ON THE  
MANAGEMENT OF PULSE BEETLE, *Callosobruchus chinensis* Linn.**

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

**SUBMITTED BY  
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Batch: 2021 - 2023**

**UNDER THE SUPERVISION OF  
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**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)  
Re-accredited by NAAC with "A<sup>+</sup>" Grade (4<sup>th</sup> Cycle)  
College of Excellence (UGC)  
31<sup>st</sup> Rank among Colleges in NIRF 2022  
COIMBATORE – 641 029.  
TAMILNADU, INDIA**

**April – 2023**

# **DOCUMENTATION ON THE PROCESS, BENEFICIARY USES AND THE PROBLEMS IN OBTAINING OF SILK YARN (*BOMBYX MORI*)**

Dissertation submitted to Kongunadu Arts and Science College (Autonomous),  
affiliated to Bharathiar University in partial fulfilment of the requirement  
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## **MASTER OF SCIENCE IN BOTANY**

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**PG AND RESEARCH DEPARTMENT OF BOTANY  
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**Re-accredited by NAAC with an "A<sup>+</sup>" Grade (4<sup>th</sup> cycle)**

**College of Excellence (UGC)**

**31<sup>st</sup> Rank among Colleges in NIRF 2022**

**Coimbatore – 641 029,**

**APRIL, 2023**

**SURVEY AND DOCUMENTATION OF PTERIDOPHYTES IN  
JANAKIKADU ECOTOURISM AND ITS LOCALITY,  
CALICUT DISTRICT, KERALA**

Dissertation Submitted to  
**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**  
**MASTER OF SCIENCE IN BOTANY**

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**PG AND RESEARCH DEPARTMENT OF BOTANY**  
**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**  
(Institution Affiliated to Bharathiar University)  
Re-accredited by NAAC with "A<sup>+</sup>" Grade (4<sup>th</sup> Cycle)  
College of Excellence awarded by (UGC)  
31<sup>st</sup> Rank among Colleges in NIRF (2022)  
**GN MILLS POST, COIMBATORE – 641 029**  
**TAMILNADU, INDIA**

**APRIL – 2023**

**MECHANISM OF UPTAKE, TRANSPORT, ACCUMULATION AND  
MITIGATION STRATEGY OF ARSENIC IN RICE**

Dissertation Submitted to  
**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),  
MASTER OF SCIENCE IN BOTANY**

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

**(Institution Affiliated to Bharathiar University)**

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**College of Excellence awarded by (UGC)**

**31<sup>st</sup> Rank among Colleges in NIRF (2022)**

**GN MILLS POST, COIMBATORE – 641 029**

**TAMILNADU, INDIA**

**APRIL – 2023**

# **Studies on Avenue Tree Diversity of Urban area of Coimbatore district, Tamil Nadu State, India**

Dissertation submitted to Kongunadu Arts and Science College  
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## **MASTER OF SCIENCE IN BOTANY**

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COLLEGE OF EXCELLENCE (UGC)**

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

**COIMBATORE – 641 029, TAMIL NADU**

**APRIL 2023**

# **Survey on Sacred plants of Coimbatore district, Tamil Nadu**

Dissertation submitted to Kongunadu Arts and Science College  
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## **MASTER OF SCIENCE IN BOTANY**

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

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

**COLLEGE OF EXCELLENCE AWARDED BY UGC**

31<sup>st</sup> Rank among colleges in NIRF 2022

**COIMBATORE – 641 029, TAMIL NADU**

**APRIL 2023**