

Identification of Bioactive compounds in Ashwagandhadhi Lehyam and to  
Understand its Clinical Importance

**DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

AFFILIATED TO BHARATHIAR UNIVERSITY

IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**RAMYA M (192BT001)**

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Under the Guidance of

**DR S R Madhan Shankar M.Sc., Ph.D**



**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY**

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

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

**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

Utilization of Banana pith waste into plant growth promotor and  
seed germination

**DISSERTATION**

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FOR THE AWARD OF THE DEGREE OF

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

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**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

**Extraction and Characterization of Natural Dyes from *Brassica oleracea*,  
*Beta vulgaris*, *Capsicum annuum* and *Bougainvillea glabra***

**DISSERTATION**

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IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

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**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

# **PREPARATION OF THIN FILM AND ITS COMPONENTS FROM FISH AND SHRIMP WASTE**

## **DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

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IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

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**College of Excellence (UGC)**

Coimbatore-641029

MAY-2021

**EXTRACTION, CHARACTERIZATION OF PHYCOCYANIN AND  
PREPARATION OF LATHER FROM SPIRULINA**

**DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

AFFILIATED TO BHARATHIAR UNIVERSITY

IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

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**College of Excellence (UGC)**

Coimbatore-641029

MAY-2021

# **BIO-ENZYMATIC FLOOR CLEANER PRODUCTION FROM ORGANIC WASTE**

## **DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

AFFILIATED TO BHARATHIAR UNIVERSITY

IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

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**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

**Combination of methanolic extracts *Withania somnifera* and *Melia azederach*  
leaf extracts for evaluating antioxidant and antiviral activity**

**DISSERTATION**

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**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

**PHYTOCHEMICAL ANALYSIS,ANTIOXIDANT, -VENOM FOR  
ARISTOLOCHIA INDICA**

**DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE  
AFFILIATED TO BHARATHIAR UNIVERSITY  
IN PARTIAL FULFILLMENT OF REQUIREMENTS  
FOR THE AWARD OF THE DEGREE OF

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**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**



**ANALYZE THE ADAPTOGENIC ACTIVITY OF *BREYINA VITIS IDAEA***  
**DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE  
AFFILIATED TO BHARATHIAR UNIVERSITY  
IN PARTIAL FULFILLMENT OF REQUIREMENTS  
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**College of Excellence (UGC)**

**Coimbatore-641029**  
**MAY-2021**

**EVALUATION OF METHANOLIC EXTRACT OF ANTIOXIDANT  
ACTIVITY OF *Rhynchosia minima* (L.) DC  
DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE  
AFFILIATED TO BHARATHIAR UNIVERSITY  
IN PARTIAL FULFILLMENT OF REQUIREMENTS  
FOR THE AWARD OF THE DEGREE OF

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**College of Excellence (UGC)**

**Coimbatore-641029  
MAY-2021**

**EVALUATION OF METHANOLIC EXTRACT OF ANTIOXIDANT  
ACTIVITY OF *Euphorbia hirta* Linn.,  
DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE  
AFFILIATED TO BHARATHIAR UNIVERSITY  
IN PARTIAL FULFILLMENT OF REQUIREMENTS  
FOR THE AWARD OF THE DEGREE OF

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

**College of Excellence (UGC)**

**Coimbatore-641029  
MAY-2021**

# **PREPARATION AND FORMULATION OF POLYHERBAL POWDER INTO SHAMPOO**

**A PROJECT WORK DONE**

**SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE**

**(AUTONOMOUS)**

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

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**PG AND RESEARCH DEPARTMENT OF BOTANY**

**KONGUNADU ARTS AND SCIENCE COLLEGE**

**(AUTONOMOUS)**

**COLLEGE OF EXCELLENCE (UGC)**

*Redirected by NAAC with 'A' Grade 3.64 CGPA out of 4 (3<sup>rd</sup> Cycle)*

**COIMBATORE - 641 029**

**MAY, 2021**

**CURDLING OF MILK USING FERMENTED RICE WATER:  
A PROBIOTIC FACTOR  
DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE  
AFFILIATED TO BHARATHIAR UNIVERSITY  
IN PARTIAL FULFILLMENT OF REQUIREMENTS  
FOR THE AWARD OF THE DEGREE OF

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

**College of Excellence (UGC)**

**Coimbatore-641029  
MAY-2021**

# **Scaffolds in Wound Healing**

## **DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

AFFILIATED TO BHARATHIAR UNIVERSITY

IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

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**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

Preparation and characterization of Fish scale Biochar and their application in  
agriculture development

**DISSERTATION**

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**Coimbatore-641029**

**MAY-2021**

EVALUATION OF ANTI-INFLAMMATORY ACTIVITY FROM  
*PISONIA ALBA* LEAF

**DISSERTATION**

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IN PARTIAL FULFILLMENT OF REQUIREMENTS  
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**Coimbatore-641029**

**MAY-2021**



EVALUATION OF ANTIOXIDANT ACTIVITY OF MEHANOLIC EXTRACT  
OF *Tridax procumbens* Linn.,

**DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

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**Coimbatore-641029**

**MAY-2021**

**PLANT GROWTH ENHANCEMENT USING HAIR WASTE**  
**DISSERTATION**

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**Coimbatore-641029**  
**MAY-2021**

**DESIGNING A FILTER TO SANCTIFY USING NATURAL RESOURCES**  
**DISSERTATION**

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**MAY-2021**

Natural colorants for herbal toothpaste

**DISSERTATION**

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**Coimbatore-641029**

**MAY-2021**

INVITRO ASSESSMENT OF ANTI-INFLAMMATORY ACTIVITY USING  
METHANOLIC LEAF EXTRACT OF *Nyctanthes arbor-tristis*

**DISSERTATION**

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IN PARTIAL FULFILLMENT OF REQUIREMENTS  
FOR THE AWARD OF THE DEGREE OF

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**Coimbatore-641029**  
**MAY-2021**

Identification of bioactive compound of *Tinospora cordiafolia* and *solanum surattense*  
from Dasamoolarishtam

**DISSERTATION**

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**MAY-2021**

Phytochemical screening, antioxidant, anti-inflammatory and antigenotoxicity effect of  
*Simarouba globuca* DC.

**DISSERTATION**

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**Coimbatore-641029**  
**MAY-2021**

Production and partial purification of invertase by *Trichoderma viridae* using banana  
pith waste as substrate

**DISSERTATION**

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**Coimbatore-641029**

**MAY-2021**



PHYTOCHEMICAL ANALYSIS , ANTIMICROBIAL AND ANTIOXIDANT  
ACTIVITY OF *CROTON BONPLANDIANUM*.L

**DISSERTATION**

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**MAY-2021**

Combination of *Phyllanthus niruri* and *Withania somnifera* to produce Sweet candy

**DISSERTATION**

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**MAY-2021**

Phytosynthesis of CuO nanoparticles using specific aqueous  
extract of *Gingiber officinale*, *Allium sativum*, *Capsicum annum* L  
and evaluation its characterization and Agricultural application

**DISSERTATION**

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**College of Excellence (UGC)**

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**MAY-2021**

# **Scaffolds in Wound Healing**

## **DISSERTATION**

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**MAY-2021**

**EVALUATION OF METHANOLIC EXTRACT OF  
ANTIOXIDANT ACTIVITY OF *Euphorbia hirta* Linn.,  
DISSERTATION**

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**College of Excellence (UGC)**

**Coimbatore-641029  
MAY-2021**

**Production of organic fertilizer and analysing its quality**

**DISSERTATION**

SUBMITTED TO KONGUNADU ARTS AND SCIENCE COLLEGE

AFFILIATED TO BHARATHIAR UNIVERSITY

IN PARTIAL FULFILLMENT OF REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

**KOWSHIK D (192BT030)**

**II M.Sc., Biotechnology**

Under the Guidance of

**Ms S Bhargavi M.Sc., M.Phil**

Assistant Professor



**PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY**

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

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

**College of Excellence (UGC)**

**Coimbatore-641029**

**MAY-2021**

ALTITUDINAL DISTRIBUTION OF DISTINCT PLANT SPECIES  
*Ageratina adenophora* (Snake root) IN WOUND HEALING/REJUVENATION  
**DISSERTATION**

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PRODUCTION OF COOKIES FROM THE RHIZOMES OF *CURCUMA CAESIA*  
*Roxb.*

**DISSERTATION**

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# PRODUCTION OF COOKIES FROM THE RHIZOMES OF CURCUMA

CAESIA Roxb

## DISSERTATION

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**MAY-2021**

Combination of methanolic extracts *Withania somnifera* and *Adhatoda vasica* leaf  
extracts for evaluating antioxidant and antiviral activity

**DISSERTATION**

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**MAY-2021**

Prevalence and characterization of *Aeromonas Hydrophila* from Meat Outlet

**DISSERTATION**

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