

**A STUDY ON PHYTOCHEMICAL AND ANTI-DIABETIC  
ACTIVITY OF *Terminalia chebula* LEAVES EXTRACT AGAINST  
ON  $\alpha$ - AMYLASE AND  $\alpha$ -GLUCOSIDASE INHIBITION  
ACTIVITY**

Dissertation submitted to Bharathidasan University, Tiruchirappalli in partial  
fulfillment of the requirements for the award of the Degree of

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

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(Reg. No: P17440201)



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APRIL -2019**

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**HEAD,  
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**A STUDY ON PHYTOCHEMICAL AND ANTI-  
ARTHRITIC ACTIVITY OF *Ficus benghalensis* BARK  
EXTRACT**

*Dissertation submitted to Bharathidasan University, Tiruchirappalli in partial  
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**ESTIMATION OF HEAVY METAL CONCENTRATION FROM  
SOLAR SALT PANS, TUTICORIN, TAMIL NADU, INDIA**

*Dissertation Submitted to*

*Bharathidasan University, Tiruchirappalli*

*In partial fulfillment of the requirements for the award of the Degree of*

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

*Submitted by*

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ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF  
SECONDARY METABOLITES FROM MANGROVE SPECIES

*(Excoecaria agallocha)*

*Dissertation Submitted to*

*Bharadhidasan University, Tiruchirappalli*

*In partial fulfillment of the requirements for the award of the Degree of*

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**ANALYSIS OF BIOACTIVE COMPOUNDS AND EVALUATION  
OF ANTI-DIABETIC ACTIVITY OF *Azadirachta indica***

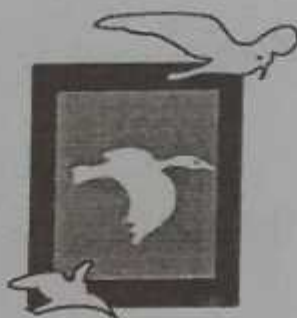
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MORPHOLOGICAL AND MOLECULAR IDENTIFICATION OF BRITTLE  
STAR SOUTHEAST COAST OF INDIA

*Dissertation Submitted to*

*Bharathidasan University, Tiruchirappalli*

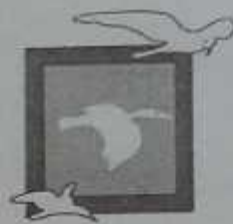
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**PHYTOCHEMICAL SCREENING AND EVALUATION OF  
ANTI-OBESITY ACTIVITY OF *Andrographis paniculata* LEAVES  
EXTRACT**

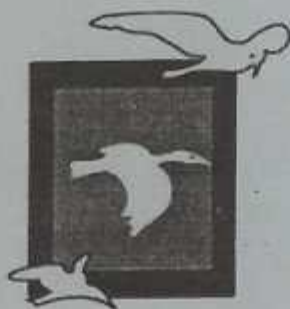
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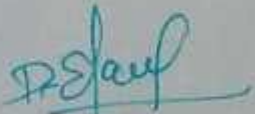


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**ANALYSIS OF BIOACTIVE COMPOUNDS AND EVALUATION  
OF GENOPROTECTIVE ACTIVITY OF *Punica granatum* PEEL  
AGAINST ALLETHRINS INDUCED GENOTOXICITY**

Dissertation submitted to Bharathidasan University, Tiruchirappalli in partial  
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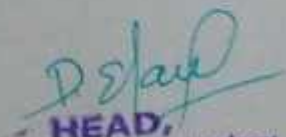
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GRAPES (*Vitis venefira*)

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**GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER  
NANOPARTICLE FROM *Aristolochia bracteolata* LEAVES  
EXTRACT**

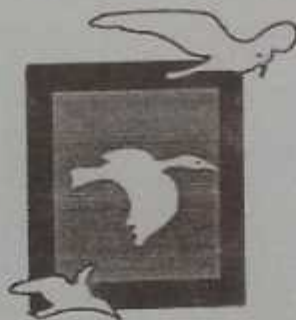
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**PHYTOCHEMICAL SCREENING AND ANTI-MITOTIC  
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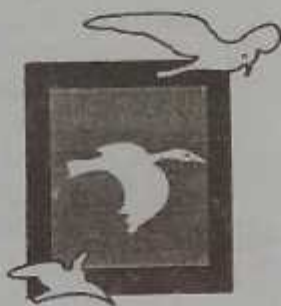
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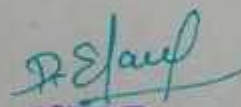


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ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF  
SECONDARY METABOLITES FROM SALT MARSH

*(Spartina alterniflora)*

*Dissertation Submitted to*

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### CERTIFICATE

I hereby certify that the thesis entitled "GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLE FROM *Aristolochia bracteolata* LEAVES EXTRACT" submitted to University, for the award of degree of Master of Science in of Biotechnology embodies the result of bonafide research work carried out by

**M. SUPRIYA**

(Reg. No: P17440210)

Under my guidance and supervision in the Annai college of Arts & Science Kovilacheri, Kumbakonam (Affiliated to Bharathidasan University, Tiruchirappalli). I further certify that under such help or source of information have been availed in this connection is duly acknowledged and that no part of the thesis has been submitted anywhere else for any other degree, diploma, fellowship or their similarities.

Signature, Head of the Department

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Signature of the Guide

Submitted for Viva Voce Examination held on 08.04.2019

Examiners: 1.

2.