

**STUDY OF MYELOPEROXIDASE INHIBITORY POTENTIAL OF  
PHYTOCHEMICAL, GALLIC ACID  
PROJECT REPORT**

**Submitted by  
LAVANYA.T  
(PZAUMBC007)**

**Under the guidance of  
DR. C. SADASIVAN**

**Dissertation submitted to Calicut University  
in partial fulfilment of requirements for the award of the degree of  
MASTER OF SCIENCE IN BIOCHEMISTRY**



**2020-2022**

**DEPARTMENT OF BIOCHEMISTRY  
PAZHASSI RAJA COLLEGE PULPALLY, WAYANAD  
ACCREDITED BY NAAC WITH "B" GRADE**



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### CERTIFICATE

This is to certify that the dissertation entitled "**STUDY OF MYELOPEROXIDASE INHIBITORY POTENTIAL OF PHYTOCHEMICAL, GALLIC ACID**" a bonafide work submitted to the University of Calicut in partial fulfilment of the requirement for award of degree in **Master of science in biochemistry** done by **LAVANYA.T** Department of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2020-2022.

SARIKA PREM  
Head of Department

Dept. of Biochemistry  
Pazhassiraja Coll. go  
Pulpally-Wavanna

Principal



**Inhibitory potential of *Phellinus* species, against  
UV/H<sub>2</sub>O<sub>2</sub> and SnCl<sub>2</sub> induced DNA Damage**

**Dissertation submitted to University of Calicut in partial fulfilment of  
requirements for the award of the degree of**

**MASTER OF SCIENCE IN BIOCHEMISTRY**

**Submitted by**

**NASLA P**

**REG. NO. PZAUMBC008**



**DEPARTMENT OF BIOCHEMISTRY  
PAZHASSIRAJA COLLEGE  
PULPALLY, WAYANAD  
2022-23**



# PAZHASSI RAJA COLLEGE

PULPALLY

(Affiliated to University of Calicut)

(Managed by Catholic Diocese, Bathery)

Email:pazhassirajacollege@gmail.com

Pulpally - 673 579, Wayanad, Kerala

www.pazhassirajacollege.ac.in

Date;

## CERTIFICATE

This is to certify that the dissertation entitled " Inhibitory potential of Phellinus sp. against UV/ H<sub>2</sub>O<sub>2</sub> and SnCl<sub>2</sub> induced DNA Damage "is a bonafide record of the work done by Ms. NASLA P, Dept of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2022-23, under the guidance of Ms. NEETHU GEORGE , Asst. Professor, Dept of Biochemistry , Pazhassiraja College, Pulpally.

Guide ;

Co-Guide

Counter signed by

Examined by:

External Examiner:

Tharissa K.K  
Tharissa

Principal:

HoD ;

SARIKA PREM  
Dept. of Biochemistry,  
Pazhassiraja College  
Pulpally-Wayanad

ABDUL BARIK  
Asst. Professor & Head  
Department of Microbiology  
Pazhassiraja College  
Pulpally.P.O, Wayanad



**CLONING OF MSMEG\_3935 FROM *Mycobacterium smegmatis* MC<sup>2</sup> 155**

**PROJECT REPORT**

Submitted by

**NEETHI M**

**( PZAUMBC009)**

Under the guidance of

**DR. ANUP KUMAR K**

In partial fulfilment of requirements for the award of the

degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

**UNIVERSITY OF CALICUT**



**2020-2022**

**DEPARTMENT OF BIOCHEMISTRY**

**PAZHASSI RAJA COLLEGE, PULPALLY, WAYANAD**

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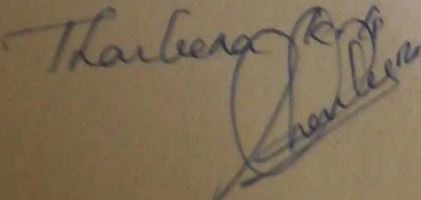
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This is certifying that the dissertation entitled "**CLONING OF MSMEG\_3935 FROM *Mycobacterium smegmatis* MC<sup>2</sup>155**" a bonafide work submitted to the University of Calicut in partial fulfilment of the requirement for award of degree in **Master of science in biochemistry** done by **Neethi M** Department of Biochemistry , Pazhassiraja College , Pulpally, during the academic year 2020-2022.

Pulpally

External examiners

1. 
- 2.

**EVAVUATION OF ANTI-INFLAMMATORY PROPERTY OF  
MANASAMITRA VATAKAM**

**Dissertation submitted to Calicut University**

**In partial fulfilment of requirements for the award of the degree of**

**MASTER OF SCIENCE IN BIOCHEMISTRY**

**SUBMITTED BY**

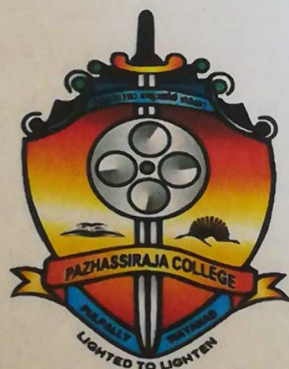
**THEERTHA SURESH K. M**

**Reg No: PZAUMBC012**

**GUIDED BY**

**Dr. E Jayadevi Variyar**

**DEPARTMENT OF BIOTECHNOLOGY AND MICROBIOLOGY**



**DEPARTMENT OF BIOCHEMISTRY**

**PAZHASSI RAJA COLLEGE**

**PULPALLY, WAYANAD**

**ACCREDITED BY NAAC WITH B GRADE**





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This is to certify that the dissertation entitled "EVALUATION OF ANTI-INFLAMMATORY PROPERTY OF MANASAMITRA VATAKAM" a bonafide work submitted to the University of Calicut in partial fulfilment of the requirement for award of degree in **Master of science in biochemistry** done by **THEERTHA SURESH K. M** Department of Biochemistry , Pazhassiraja College , Pulpally, during the academic year 2020-2022.

SARIKA PREM  
Head of Department

Dept of Biochemistry,  
Pazhassiraja College  
Pulpally-Wayanad

Principal



**PCR AMPLIFICATION OF MSMEG\_5136 FROM *Mycobacterium smegmatis* MC<sup>2</sup> 155**

**PROJECT REPORT**

Submitted by

**DRISHYA R K**

**( PZAUMBC005)**

Under the guidance of

**DR. ANUP KUMAR K**

In partial fulfilment of requirements for the award of the

degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

**UNIVERSITY OF CALICUT**



**2020-2022**

**DEPARTMENT OF BIOCHEMISTRY**

**PAZHASSI RAJA COLLEGE, PULPALLY, WAYANAD**

**ACCREDITED BY NAAC WITH "B" GRADE**



## PAZHASSI RAJA COLLEGE, PILPULLY

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SARIKA PREM  
Head of Department

Dept. of Biochemistry  
Pazhassiraja College  
Pulpally-Wayanad

Principal

Pulpally P O, Wayanad (Dist), Kerala, India, Pin:673579 Ph (o):04936 24 2266,04936  
24066E- mail :info @Pazhassirajacollege .ac.in./ [Pazhassirajacollege@gmail.com](mailto:Pazhassirajacollege@gmail.com),

[www. Pazhassirajacollege .ac.in](http://www.Pazhassirajacollege.ac.in)



**IN-SILICO AND IN – VITRO EVALUATION OF HESPERIDIN AS  
MYELOPEROXIDASE INHIBITOR**

**PROJECT REPORT**

Submitted by

**BHAGYASREE.V. P**

**(PZAUMBC004)**

Under the guidance of

**DR. C. SADASIVAN**

In partial fulfilment of requirements for the award of the

degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**

**UNIVERSITY OF CALICUT**



**2020-2022**

**DEPARTMENT OF BIOCHEMISTRY**

**PAZHASSI RAJA COLLEGE PULPALLY, WAYANAD**

**ACCREDITED BY NAAC WITH “ B”GRADE**

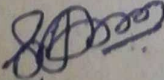


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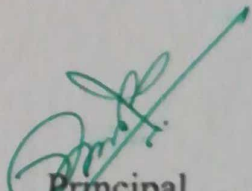
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**SADUKA PREM**   
Head of Department

*Dept of Biochemistry  
Pazhassiraja College  
Pulpally-Wayanad*

  
Principal

Pulpally P O, Wayanad (Dist), Kerala, India, Pin:673579 Ph (o):04936 24 2266,04936  
24066E- mail :info @Pazhassirajacollege .ac.in/ [Pazhassirajacollege@gmail.com](mailto:Pazhassirajacollege@gmail.com),

[www.Pazhassirajacollege.ac.in](http://www.Pazhassirajacollege.ac.in)



**IDENTIFICATION OF ANTI-INFLAMMATORY POTENTIAL OF  
MANOMITRAM**

**MASTER OF SCIENCE IN BIOCHEMISTRY**

**PROJECT REPORT**

Submitted by

**AISWARYA S S**

**( PZAUMBC001)**

Under the guidance of

**DR. E JAYADEVI VARIYAR**

In partial fulfilment of requirements for the award of the

Degree of

**MASTER OF SCIENCE IN BIOCHEMISTRY**



**DEPARTMENT OF BIOCHEMISTRY**

**PAZHASSI RAJA COLLEGE**

**PULPALLY, WAYANAD**

**ACCREDITED BY NAAC WITH B GRADE**



## PAZHASSI RAJA COLLEGE, PILPULLY

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This is certifying that the dissertation entitled "**IDENTIFICATION OF ANTI-INFLAMMATORY PROPERTY OF MANOMITRAM**" a bonafide work submitted to the University of Calicut in partial fulfilment of the requirement for award of degree in **Master of science in biochemistry** done by **AISWARYA S S** Department of Biochemistry, Pazhassiraja College, Pulpally, during the academic year 2020-2022.

*SARIKA PREM*  
Head of Department

*Dept of Biochemistry  
Pazhassiraja College  
Pulpally-Wayanad*

*[Signature]*  
Principal

Pulpally P O, Wayanad (Dist), Kerala, India, Pin: 673579 Ph (o): 04936 24 2266, 04936  
24066E- mail : info @Pazhassirajacollege .ac.in./ [Pazhassirajacollege@gmail.com](mailto:Pazhassirajacollege@gmail.com),

[www.Pazhassirajacollege.ac.in](http://www.Pazhassirajacollege.ac.in)