

**Characterization of Bioactive Compounds in Methanolic Extract of
Lagocephalus inermis from Thoothukudi Coast**

A Project submitted to

ST. MARY'S COLLEGE (Autonomous), THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

In partial fulfilment for the award of the degree of

Bachelor of Science in Zoology

By

- | | |
|----------------------|----------|
| 1. H. Aabitha | 17AUZO01 |
| 2. M. Deensha | 17AUZO08 |
| 3. D. Fathima Bushra | 17AUZO10 |
| 4. S. Ivansilin | 17AUZO13 |
| 5. K. Penshia | 17AUZO33 |



Department of Zoology

St. Mary's college (Autonomous), Thoothukudi

April 2020

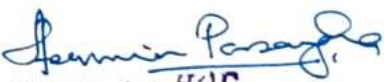
CERTIFICATE

This is to certify that the project entitled **Characterization of Bioactive Compounds in Methanolic Extract of *Lagocephalus inermis*** from Thoothukudi coast is submitted to **St. Mary's College (Autonomous), Thoothukudi** in partial fulfilment for the award of the degree of **Bachelor of Science in Zoology** and it is a record of the work done during the year 2019-2020 by the following students.

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S. Selvi
Guide


Examiner


Head of the Department
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001


Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001

ANTI-BACTERIAL ACTIVITY OF *PHALLUSIA NIGRA* AND *DIDEMNUM PSAMMATHODES* AGAINST HUMAN PATHOGENS

A project submitted to

ST. MARY'S COLLEGE (Autonomous), THOOTHUKUDI

affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI

In partial fulfillment for the award of the degree of

BACHELOR OF SCIENCE IN ZOOLOGY

- | | |
|-----------------------------|----------|
| 1. J. AMALANUSHIYA | 17AUZO02 |
| 2. B.BENIBHA | 17AUZO07 |
| 3. A.MARIA ANTONY DOMINIKAL | 17AUZO23 |
| 4. K. PANDEESWARI | 17AUZO30 |
| 5. K. SNOWS GOLDY SHILBA | 17AUZO45 |



DEPARTMENT OF ZOOLOGY

ST. MARY'S COLLEGE (Autonomous)

THOOTHUKUDI

ARRIL- 2020

CERTIFICATE

This is to certify that the project entitled "**Anti-bacterial activity of *Phallusia nigra* and *Didemnum psammathodes* against human pathogens**" is submitted to **St.Mary's College (Autonomous), Thoothukudi** in partial fulfilment for the award of the degree of **Bachelor of Science in Zoology** and it is a project work done during the year 2019-2020 by the following students.

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| 1. J. AMALANUSHIYA | 17AUZO02 |
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Examiner


Head of the Department

HOD
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.


Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

**ISOLATION AND CHARACTERIZATION OF
POLYHYDROXYBUTYRATE (PHB) PRODUCING BACTERIA FROM
CONTAMINATED SOIL OF THOOTHUKUDI REGION**

A project submitted to
ST.MARY'S COLLEGE (Autonomous), THOOTHUKUDI
affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

in partial fulfilment for the award of the degree of

Bachelor of Science in Zoology

by

S.ANANTHASELVI	17AUZO03
S. JENORITA	17AUZO14
K.MADHU	17AUZO20
W.STENIBA	17AUZO47
S.VIMALA MAHESWARI	17AUZO52



Department of Zoology

St.Mary's College (Autonomous), Thoothukudi

April 2020

CERTIFICATE

This is to certify that the project entitled **Isolation and Characterization of Polyhydroxybutyrate (PHB) Producing Bacteria from Contaminated Soil of Thoothukudi Region** is submitted to **St. Mary's College (Autonomous), Thoothukudi** in partial fulfillment for the award of the degree of **Bachelor of Science in Zoology** and it is a record of the work done during the year 2019 - 2020 by the following students.

S.ANANTHASELVI

17AUZO03

S. JENORITA

17AUZO14

K.MADHU

17AUZO20

W.STENIBA

17AUZO47

S.VIMALA MAHESWARI

17AUZO52



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Examiner



Head of the Department

PG & Research Department of Zoology

St. Mary's College (Autonomous)

Thoothukudi - 628 001.



Principal

St. Mary's College (Autonomous)

Thoothukudi - 628 001.

**EFFECT OF ETHANOLIC EXTRACT OF *PHALLUSIA*
NIGRA AND *DIDEMNUM PSAMMATHODES* ON
*ARTEMIA SALINA***

A project submitted to

ST. MARY'S COLLEGE (Autonomous), THOOTHUKUDI
Affiliated to
MANONMANIAM SUNDARANAR UNIVERSITY,
TIRUNELVELI

In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE
IN
ZOOLOGY
BY

- | | |
|-------------------------|----------|
| 1. S. ANGEL RANI | 17AUZO04 |
| 2. R. ANUSHIYA | 17AUZO06 |
| 3. P. MUTHUMALAI SATHYA | 17AUZO27 |
| 4. C. SHAMLY | 17AUZO41 |
| 5. M. SUMITHRA | 17AUZO49 |



Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi

APRIL- 2020

CERTIFICATE

This is to certify that the project entitled "**Effect of ethanolic extract of *Phallusia nigra* and *Didemnum psammathodes* on *Artemia salina***" is submitted to St. Mary's College (Autonomous), Thoothukudi in partial fulfilment for the award of the degree of science and it is a record of the work done during the year 2019-2020 by following students.

1. S. ANGEL RANI	17AUZO04
2. R. ANUSHIYA	17AUZO06
3. P. MUTHUMALAI SATHYA	17AUZO27
4. C. SHAMLY	17AUZO41
5. M.SUMITHRA	17AUZO49


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Examiner


Head of the Department
HOD

PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.


Principal

St. Mary's College (Autonomous)
Thoothukudi - 628 001.

**ANALYSIS OF BIOACTIVE CONSTITUENTS FROM THE MARINE
GASTROPOD *LAMBIS LAMBIS* (LINNAEUS, 1758)**

A Project submitted to

ST.MARY'S COLLEGE (Autonomous), THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

in partial fulfilment for the award of the degree of

Bachelor of Science in Zoology

by

S.ANTONY ADLINE	17AUZO05
A.JEYAPRIYA	17AUZO15
B.MITHRA	17AUZO25
J.NANDHINI	17AUZO29
S.SHIBANI	17AUZO44



Department of Zoology

St.Mary's College (Autonomous), Thoothukudi

April 2020

CERTIFICATE

This is to certify that the project entitled **Analysis of bioactive constituents from the marine gastropod *Lambis lambis* (Linnaeus, 1758)** is submitted to **St. Mary's College (Autonomous), Thoothukudi** in partial fulfillment for the award of the degree of **Bachelor of Science in Zoology** and it is a record of the work done during the year 2019-2020 by the following students

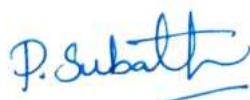
S. ANTONY ADLINE 17AUZO05

A.JEYAPRIYA 17AUZO15

B.MITHRA 17AUZO25

J.NANDHINI 17AUZO29

S.SHIBANI 17AUZO44



Guide

Examiner



Head of the Department
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.



Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

***IN-VITRO ANTI-INFLAMMATORY ACTIVITY
OF ETHANOLIC EXTRACT OF DIDEMNUM PSAMMATHODES***

A project submitted to

**ST.MARY'S COLLEGE (Autonomous)
THOOTHUKUDI**

Affiliated to
**MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI**

in partial fulfilment for the award of the degree of

**BACHELOR OF SCIENCE
IN
ZOOLOGY**

BY

- | | |
|-----------------------|------------|
| 1. K. KAVITHA | : 17AUZO16 |
| 2. M. MUTHU PRIYA | : 17AUZO28 |
| 3. S. PANDIMUTHUSELVI | : 17AUZO31 |
| 4. T. PANDI PRIYA | : 17AUZO32 |
| 5. A.SAHAYA ABINAYA | : 17AUZO38 |



Department of Zoology

St.Mary's College (Autonomous), Thoothukudi

APRIL - 2020

CERTIFICATE

This is to certify that the project entitled "*In-vitro Anti-inflammatory activity of ethanolic extract of *Didemnumpsammathodes**" is submitted to St.Mary's College (Autonomous), Thoothukudi in partial fulfilment for the award of the degree of Bachelor of Science and it is a record of the work done during the year 2019-2020 by following students.

1. K. KAVITHA : 17AUZO16
2. M. MUTHU PRIYA : 17AUZO28
3. S. PANDIMUTHUSELVI : 17AUZO31
4. T. PANDI PRIYA : 17AUZO32
5. A. SAHAYA ABINAYA : 17AUZO38

M. P. J. J. J.
Guide

P. Subath
Examiner

Hemini Parag
Head of the Department
HOD
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

ISOLATION AND GENETIC CHARACTERIZATION OF HEAVY METAL TOLERANT BACTERIA FROM INDUSTRIAL AREA

A project submitted to the Faculty of
ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI
affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

for the partial fulfilment of the award of the degree of

Bachelor of Science

in

Zoology

By

KIRUTHIGA SHANKAR KUMAR

17AUZO17

A.LAVANYA

17AUZO19

S.MAHESHWARI

17AUZO21

E.MARIATHANGAMJASMINE

17AUZO24

J. RASHIYA BANU

17AUZO37



ST. MARY'S COLLEGE (AUTONOMOUS),

(Re - Accredited with 'A+' Grade by NAAC)

THOOTHUKUDI- 628 001

March 2020

CERTIFICATE

This is to certify that the project entitled “ISOLATION AND GENETIC CHARACTERIZATION OF HEAVY METAL TOLERANT BACTERIA FROM INDUSTRIAL AREA” is submitted to St. Mary's College (Autonomous), Thoothukudi in partial fulfilment for the award of the degree of Bachelor of Science in Zoology and it is a record of the work done during the year 2019-20 by the following students

KIRUTHIGA SHANKAR KUMAR

17AUZO17

A.LAVANYA

17AUZO19

S.MAHESHWARI

17AUZO21

E.MARIATHANGAMJASMINE

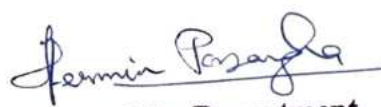
17AUZO24

J. RASHIYA BANU

17AUZO37


Guide


Examiner


Head of the Department

HOD
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.


Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

**Assessment of Biological Oxygen Demand as an Indicator of Threat to
Species in Tuticorin (Gulf of Mannar),Tamilnadu**

A Project submitted to

ST. MARY'S COLLEGE (Autonomous), THOOTHUKUDI.

Affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

In partial fulfilment for the award of the degree of

Bachelor of Science in Zoology

By

- | | |
|----------------------------|----------|
| 1. J.Malar | 17AUZO22 |
| 2. M.Santhiya | 17AUZO39 |
| 3. A.Sesili Priya | 17AUZO40 |
| 4. S.Swetha Deva Dharshini | 17AUZO50 |
| 5. M.Uma Maheswari | 17AUZO51 |



Department of Zoology

St. Mary's college (Autonomous), Thoothukudi

September 2020

CERTIFICATE

This is the certify that the project entitled Assessment of Biological Oxygen Demand as an indicator of threat to species in Tuticorin (GULF OF MANNAR), Tamilnadu is submitted to St. Mary's College (Autonomous), Thoothukudi in partial fulfilment for the award of the Degree of Bachelor of Science in Zoology and it is a record of the work done during the year 2019-2020 by the following students.

1. J. Malar	17AUZO22
2. M. Santhiya	17AUZO39
3. A. Sesili Priya	17AUZO40
4. S. Swetha Deva Dharshini	17AUZO50
5. M. Uma Maheswari	17AUZO51

Sherly
Guide

Jeamin Pasayda
Head of the Department
HOD
PG & Research Department of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

Examiner

Lucia Rose
Principal
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

**EVALUATION OF CALCIUM CONTENT AND XRD STUDIES IN THE
SHELLS OF SOME SPECIES OF GASTROPODS**

A Project submitted to

ST.MARY'S COLLEGE (Autonomous), THOOTHUKUDI

Affiliated to

MANONMANIAM SUNDARANAR UNIVERSITY

in partial fulfilment for the award of the degree of

Bachelor of Science in Zoology

by

S.PRATHEBA	17AUZO34
S.PUNITHA	17AUZO36
A.SHANTHI	17AUZO42
S.SHERINE	17AUZO43
V.SOPHIYA	17AUZO46



Department of Zoology

St.Mary's College (Autonomous), Thoothukudi

April 2020

CERTIFICATE


This is to certify that the project entitled **Evaluation of calcium content and XRD studies in the shells of some species of gastropods** is submitted to **St. Mary's College (Autonomous), Thoothukudi** in partial fulfillment for the award of the degree of **Bachelor of Science in Zoology** and it is a record of the work done during the year 2019-2020 by the following students.

S.PRATHEBA	17AUZO34
S.PUNITHA	17AUZO36
A.SHANTHI	17AUZO42
S.SHERINE	17AUZO43
V.SOPHIYA	17AUZO46


Guide

Examiner


Principal
St. Mary's College (Autonomous)
Thoothukudi-628 001.


Head of the Department
HOD
PG & Research Departments of Zoology
St. Mary's College (Autonomous)
Thoothukudi - 628 001.

Principal