

**Characterization of Bioactive Compounds in Methanolic Extract  
of *Katsuwonus pelamis* and *Gymnosarda unicolor* 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. S. Amutha                 | 16AUZO01 |
| 2. A. Anitha                 | 16AUZO02 |
| 3. A. Anthony Micheal Monika | 16AUZO03 |
| 4. A. Clara                  | 16AUZO07 |
| 5. V. Jensila                | 16AUZO12 |
| 6. S. Poorana Rani           | 16AUZO30 |
| 7. M. Thirumani selvi        | 16AUZO48 |



Department of Zoology

St. Mary's college (Autonomous), Thoothukudi

March 2019

## CERTIFICATE

This is to certify that the project entitled **Characterization of Bioactive Compounds in Methanolic Extract of *Katsuwonus pelamis* and *Gymnosarda unicolor*** 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 2018-2019 by the following students.

1. S. Amutha	16AUZO01
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7. M. Thirumani selvi	16AUZO48

S. Selvi.  
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Head of the Department  
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S. Selvi.  
25/06/19

Examiner

Lucia Rose  
Principal  
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**MARINE CEPHALOPOD RESOURCES OF THARUVAIKULAM  
AND**

**THRESPURAM, TUTICORIN COAST**

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. AROCKIA GEORGINA. A     | 16AUZO04 |
| 2. MARIA POORANA RESHMI. J | 16AUZO18 |
| 3. MARIA VINOSA DENSIYA. J | 16AUZO20 |
| 4. MUTHULAKSHMI. B         | 16AUZO23 |
| 5. SANTHIYA KUMARI. G      | 16AUZO38 |
| 6. SUSHMITHA. B            | 16AUZO44 |
| 7. THABITHAL. I            | 16AUZO46 |



**DEPARTMENT OF ZOOLOGY**

**ST.MARY'S COLLEGE (AUTONOMOUS)**

**THOOTHUKUDI-628001**

**MARCH 2019**

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This is to certify that the project entitled "**Marine Cephalopod Resources of Tharuvaikulam and Threspuram, Tuticorin 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 2018-2019 by the following students.

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7. THABITHAL. I	16AUZO46

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*Lucia Rose*  
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**COMPARATIVE STUDY OF BIOCHEMICAL COMPOSITION AND  
HEAVY METAL ACCUMULATION OF SELECTED CRABS AND  
SHRIMPS FROM THOOTHUKUDI COAST**

A Project submitted to

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

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In partial fulfilment for the award of the degree of

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1.A.Arockia Therasa mani	16AUZO05
2. D.Divya	16AUZO08
3. V.Glen Esmeralda	16AUZO10
4. P.JothiMalin	16AUZO13
5. Sr.M.NambiSelvam	16AUZO26
6. D.Praveena	16AUZO31
7. P.Thanalakshmi	16AUZO47



Department of Zoology

St. Mary's College (Autonomous) Thoothukudi.

March 2019





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This is to certificate that the project entitled **COMPARATIVE STUDY OF BIOCHEMICAL COMPOSITION AND HEAVY METAL ACCUMULATION OF SELECTED CRABS AND SHRIMPS FROM THOOTHUKUDI COAST** is submitted to **St.Marys college (Autonomous), Thoothukudi** in partial fulfilment for the award of the degree of **Bachelor of Science in Zoology** and it is the record of the work done during the year 2018-2019 by the following students

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Signature of the Supervisor

  
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3

**Evaluation of Proximate Composition and Bioactive  
Compounds in Ray Fish *Hemitrygon akajei* Collected from  
Thoothukudi Coast**

A Project submitted to

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In partial fulfilment for the award of the degree of

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BY

- |                                   |          |
|-----------------------------------|----------|
| 1. R. Elakiya                     | 16AUZO09 |
| 2. T. Magtalin                    | 16AUZO15 |
| 3. A. Methonisa                   | 16AUZO21 |
| 4. M. Nila                        | 16AUZO27 |
| 5. R. Rathna jothi @ Bhuvaneswari | 16AUZO34 |
| 6. E. Sobiya                      | 16AUZO42 |
| 7. R. Sutha                       | 16AUZO45 |



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5. R. Rathna jothi @ Bhuvaneswari	16AUZO34
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**DIVERSITY OF MARINE DECAPODS & EVALUATION OF  
NUTRITIONAL STATUS OF PENAID PRAWNS, AT THERESPURAM**

**TUTICORIN COAST**

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**

By

JEBA SWATHI.M	16AUZO11
KANAGAVALLI.P	16AUZO14
MUTHUSELVI.S	16AUZO24
PARALOGA ARPUTHA NISHA.J	16AUZO28
PONN SHIVA SHANKARI.S	16AUZO29
RAVINA.P	16AUZO35
SARANYA.K	16AUZO39



**DEPARTMENT OF ZOOLOGY**

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**MARCH 2019**

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This is to certify that the project entitled "**DIVERSITY OF MARINE DECAPODS & EVALUATION OF NUTRITIONAL STATUS OF PENAEID PRAWNS, AT THERESPURAM, TUTICORIN 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 recorded of the work done during the year 2018-2019 by the following students.

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*D. Suman*  
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**A STUDY ON THE PREVALENCE OF DIABETES MELLITUS  
AMONG DIFFERENT AGE GROUP OF PEOPLE IN THOOTHUKUDI**

A Project submitted to

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BY

- |                             |          |
|-----------------------------|----------|
| 1. R.Maria Sahaya Christika | 16AUZO19 |
| 2. M.Nakkath Banu           | 16AUZO25 |
| 3. M.Pushpa Jenifer         | 16AUZO33 |
| 4. A.Riya Michealin         | 16AUZO36 |
| 5. A.Safahath Fathima       | 16AUZO37 |
| 6. D.Sheela                 | 16AUZO41 |
| 7. S.Subalakshmi            | 16AUZO43 |



Department of Zoology

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March 2019

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This is to certify that the project entitled "**A STUDY ON THE PREVALENCE OF DIABETES MELLITUS AMONG DIFFERENT AGE GROUP OF PEOPLE IN THOOTHUKUDI**" 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 2018-2019 by the following students.

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6. D.Sheela	16AUZO41
7. S.Subalakshmi	16AUZO43

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