



Holy Cross College (Autonomous) Nagercoil – 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle
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2019-2020
to
2023-2024

Project Report

DEPARTMENT OF MATHEMATICS

A STUDY ON GAME THEORY

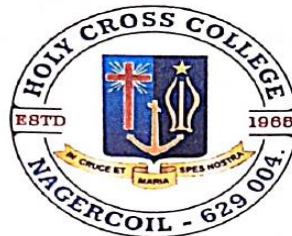
Project report submitted to Holy Cross College (Autonomous), Nagercoil in partial fulfilment
of the requirement to the award of the degree of
BACHELOR OF SCIENCE IN MATHEMATICS

By

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A. SARASWATHY KRUPAA
N. J. SREENIKA
V. SUSAN THARASA

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Under the guidance of
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(RE-ACCREDITED WITH A+ GRADE (CGPA 3.35))
(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY)
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We hereby declare that this project work entitled "A STUDY ON GAME THEORY" submitted by us for the degree of Bachelor of Science in Mathematics is done under the under the guidance Ms. W. REVINA BELASIA, Department of Mathematics , Holy Cross College (Autonomous) and it has not been submitted for the degree, diploma, associateship or fellowship of any University of Institution.

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RESULTS ON EIGENVALUES AND EIGENVECTORS OF MATRICES

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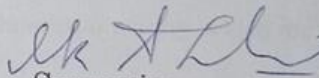
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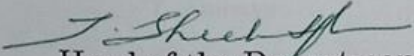
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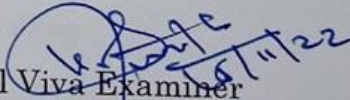
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**RELATIVELY PRIME DOMINATION NUMBER ON
SNAKE GRAPHS**

Dissertation submitted to Holy Cross College (Autonomous) affiliated
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A STUDY ON MATHEMATICS IN FORENSIC SCIENCE

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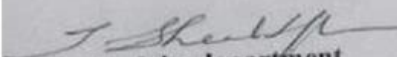
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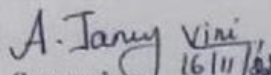
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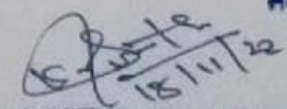
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**A STUDY ON APPLICATION OF MATHEMATICS IN
CRYPTOGRAPHY**

Project report submitted to Holy Cross College (Autonomous), Nagercoil in partial
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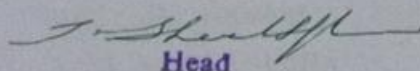
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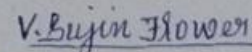
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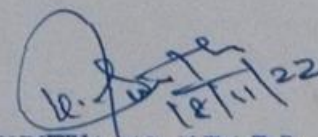
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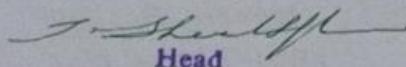
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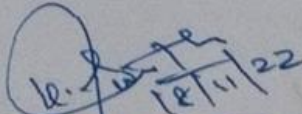

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DEPARTMENT OF MATHEMATICS (S.F)

A STUDY ON ESTIMATION THEORY

*Dissertation submitted to Holy Cross College (Autonomous) affiliated to
Manonmaniam Sundaranar University in partial fulfilment of the
requirements for the award of the Degree of*

Bachelor of Science in Mathematics

Submitted by

R.JOSE RENCY	(2020SUM021)
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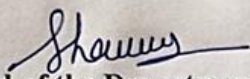
Also certified that this dissertation has not previously formed the basis for the award of any degree,diploma or any other similar title from the same University or any other institution.


Mrs. V. PRINCY KALA
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Place: Nagercoil

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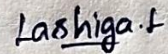
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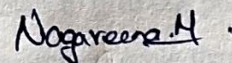
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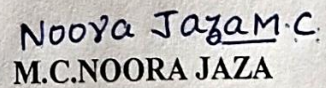
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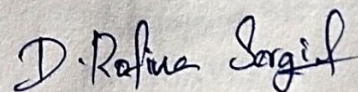
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STUDY ON Z-TRANSFORMS

Project submitted to Holy Cross College (Autonomous), Nagercoil in
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BACHELOR OF SCIENCE IN MATHEMATICS

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Also certified that this dissertation has not previously formed the basis for the award of any degree, diploma or any other similar title from the same university or any other institution.

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STUDY ON FOURIER TRANSFORM

Project submitted to Holy Cross College (Autonomous), Nagercoil

In partial fulfillment of the requirements for the award of the degree of

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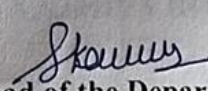
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We hereby declare that this project work entitled "**STUDY ON FOURIER TRANSFORM**" submitted by us for the Degree of Bachelor of science in mathematics is done under the Guidance of **Dr.J.NESA GOLDEN FLOWER**, M.Sc.,B.Ed.,M.Phil.,Ph.D.

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**A STUDY ON GEOMETRIC MEAN LABELLING
OF SOME GRAPHS**

Project submitted to Holy Cross College (Autonomous), Nagercoil in partial fulfillment of the requirements for the award of the degree of

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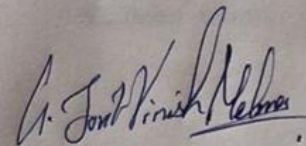
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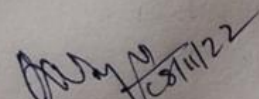
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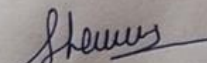
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A STUDY ON LEHMER-3 MEAN LABELING OF GRAPHS

Disseration submitted to Holy Cross College (Autonomous), Nagercoil affiliated to
Manomaniam Sundarnar University in partial fulfilment of the requirement
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BACHELOR OF SCIENCE IN MATHEMATICS

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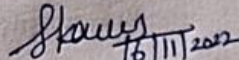
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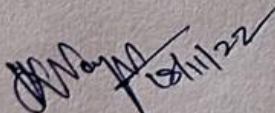
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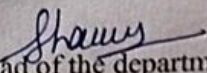

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DEPARTMENT OF MATHEMATICS

**FT-IR SPECTRAL INVESTIGATION OF
ADULTERANTS IN PEPPER**

*Submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to
Manonmaniam Sundaranar University in partial fulfillment of the
requirement for the award of the Degree of*

Bachelor of Science in Physics

by

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**DEPARTMENT OF PHYSICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629 004
2022-2023**

DECLARATION

We hereby declare that the investigation reported in this project work on "FT-IR SPECTRAL INVESTIGATION OF ADULTERANTS IN PEPPER" is entirely original and has been carried out by us in the Physics Department, Holy Cross College (Autonomous), Nagercoil, under the guidance of Mrs. Dr. Jenepha Mary MCA, M.Sc., PhD, during the academic year 2022-2023.

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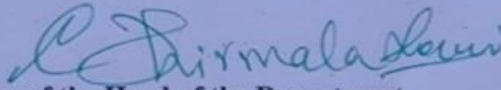
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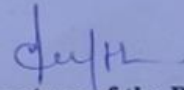
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Signature of the Project Guide



Signature of the Examiner

**DETERMINATION OF PHYSICAL AND CHEMICAL PROPERTIES
OF UNTREATED AND TREATED TAMARINDUS INDICA FIBRES**

PROJECT REPORT

Submitted to Holy Cross College (Autonomous) Nagercoil, affiliated to Manonmanium Sundaranar University in partial fulfilment of the requirement for the award of the degree of

BACHELOR OF SCIENCE IN PHYSICS

By

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J. Vimala	2020AUP076
N. Deepika	2020AUP401

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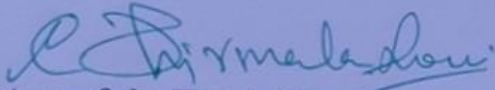
N. Deepika

N. Deepika

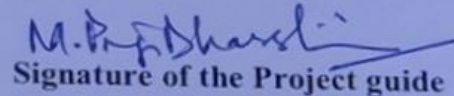
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CERTIFICATE

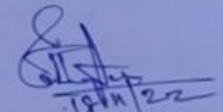
This is to certify that this project report entitled **DETERMINATION OF PHYSICAL AND CHEMICAL PROPERTIES OF UNTREATED AND TREATED TAMARINDUS INDICA FIBRES** is a bonafide record of work done by **Miss. B. Besmi, Miss. J. Jasmine, Miss. J. Vimala, and Miss. N. Deepika** of **III B.Sc Physics** in partial fulfilment of the degree of Bachelor of Science in Physics, Holy Cross College (Autonomous), Nagercoil affiliated to Manonmanium Sundaranar University during the academic year 2022-2023 under my supervision.



Signature of the Head of the Department
Dr. C. NIRMALA LOUIS, M.Sc., Ph.D., PGDCA.,
Head & Assistant Professor,
PG & Research Department of Physics,
Holy Cross College (Autonomous),
Nagercoil, Kanyakumari District,
Tamil Nadu. PIN: 629 004.



Signature of the Project guide



Signature of the Examiner

**BAND STRUCTURE, DENSITY OF STATES AND
FERMI SURFACE OF ALKALI METAL SODIUM
UNDER PRESSURE**

PROJECT REPORT

*Submitted to Holy Cross College (Autonomous) Nagercoil, affiliated to
Manonmanium Sundaranar University in partial fulfilment of the requirement for
the award of the degree of*

BACHELOR OF SCIENCE IN PHYSICS

by

NAME	REGISTER NUMBER
AKSHA ZEN. B	2020AUP043
JONICA STEBL. M	2020AUP058
KEERTHANA. D. M	2020AUP059
LOREENA SOLOMON	2020AUP060

Under the guidance of

Dr. C. NIRMALA LOUIS, M.Sc., Ph.D., PGDCA.



**DEPARTMENT OF PHYSICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
NOVEMBER-2022**

B. Aksha Zen (Reg.No.2020AUP043)

M. Jonica Stebi (Reg.No.2020AUP058)

D.M. Keerthana (Reg.No.2020AUP059)

Loreena Solomon (Reg.No.2020AUP060)

III B.Sc. Physics,

Holy Cross College (Autonomous),

Nagercoil – 629004.

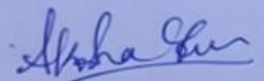
DECLARATION

We hereby declare that this project report entitled “**BAND STRUCTURE, DENSITY OF STATES AND FERMI SURFACE OF ALKALI METAL SODIUM UNDER PRESSURE**” is a record of original work done by us under the guidance of Dr. C. Nirmala Louis, Head and Assistant Professor of Physics, Holy Cross College (Autonomous), Nagercoil during the academic year 2020 – 2023.

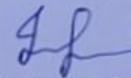
Place: Nagercoil

Date: 18.11.2022

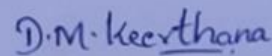
Signature of the candidate



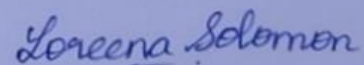
i. B. Aksha Zen



ii. M. Jonica Stebi



iii. D.M. Keerthana



iv. Loreena Solomon

Dr. C. Nirmala Louis

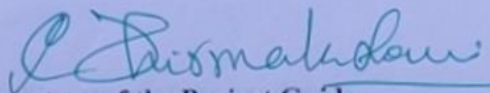
Head and Assistant Professor of Physics,

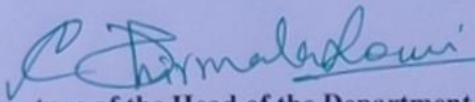
Holy Cross College (Autonomous),

Nagercoil – 629004.

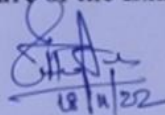
CERTIFICATE

This is to certify that this project report entitled “**BAND STRUCTURE, DENSITY OF STATES AND FERMI SURFACE OF ALKALI METAL SODIUM UNDER PRESSURE**” is a bonafide record of work done by Miss. B. Aksha Zen (Reg.No.2020AUP043), Miss. M. Jonica Stebi (Reg.No.2020AUP058), Miss. D.M. Keerthana (Reg.No.2020AUP059) and Miss. Loreena Solomon (Reg.No.2020AUP060) of III B.Sc Physics in partial fulfilment of the degree of Bachelor of Science in Physics, Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University during the academic year 2020-2023 under my supervision.


Signature of the Project Guide


Signature of the Head of the Department
Dr. C. NIRMALA LOUIS, M.Sc., Ph.D., PGDCA.,
Head & Assistant Professor,
PG & Research Department of Physics,
Holy Cross College (Autonomous),
Nagercoil, Kanyakumari District,
Tamil Nadu. PIN: 629 004.

Signature of the Examiner


18/11/22

DEPARTMENT OF CHEMISTRY

**SOLVENT FREE SYNTHESIS OF ALDIMINE DERIVATIVES FROM
AVERRHOA BILIMBI FRUIT EXTRACT AND ITS BIOLOGICAL
ACTIVITIES**

*Project report submitted to Holy Cross College (Autonomous), Nagercoil
affiliated to Manonmaniam Sundaranar University, Tirunelveli in partial
fulfilment of the requirements for the award of the Degree of*

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

Name of the Student	Register Number
S. SINDHU	2020AUC110
B. STEPHY BOSE	2020AUC111
K.R. THIRUTHIKA	2020AUC113
W. VIBISHMA	2020AUC114
J.V. VIJAYADHARSHINI	2020AUC115
J. ANTONY JETHISHA	2020AUC370

Under the Guidance of

Dr. SHEEBA DANIEL



**DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629004**

APRIL 2023

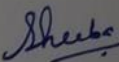
Dr. Sheeba Daniel
Assistant Professor
Department of Chemistry
Holy Cross College (Autonomous), Nagercoil

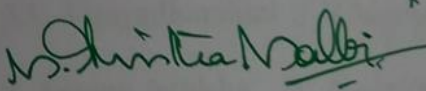
CERTIFICATE

This is to certify that the project work entitled "SOLVENT FREE SYNTHESIS OF ALDIMINE DERIVATIVES FROM *AVERRHOA BILIMBI* FRUIT EXTRACT AND ITS BIOLOGICAL ACTIVITIES" submitted by S. Sindu, B. Stephy Bose, K.R. Thiruthika, W. Vibishma, J.V. Vijayadharshini and J. Antony Jethisha of III B.Sc Chemistry, Holy Cross College (Autonomous) in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my supervision.

Place: Nagercoil

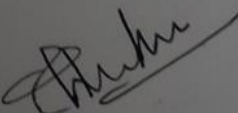
Date: 05-04-2023


Dr. Sheeba Daniel
(Supervisor)


Dr. M. Anitha Malbi
(Head of the Department)

DR. M. ANITHA MALBI,
M.Sc., M.Phil., Ph.D.
(Research Guide)
Assistant Professor of Chemistry
HOLY CROSS COLLEGE
Nagercoil-4

Examiner



DECLARATION

We hereby declare that the project work entitled "SOLVENT FREE SYNTHESIS OF ALDIMINE DERIVATIVES FROM *AVERRHOA BILIMBI* FRUIT EXTRACT AND ITS BIOLOGICAL ACTIVITIES" submitted by us for the award of the degree of Bachelor of Science in Chemistry is the record of our original and independent project work carried out under the supervision of **Dr. Sheeba Daniel**, Assistant Professor, Department of Chemistry, Holy Cross College, Nagercoil and it has not been submitted elsewhere for the award of any other degree or diploma, associateship or fellowship of any University or Institution.

Place: Nagercoil

Date: 18.04.2023

S. Sindhu *S. Sindhu*

B. Stephy Bose *B. Stephy Bose*

K.R. Thiruthika *K.R. Thiruthika*

W. Vibishma *W. Vibishma*

J.V. Vijayadharshini *J.V. Vijayadharshini*

J. Antony Jethisha *J. Antony Jethisha*

**COMPARISON OF GROSS ALPHA AND GROSS BETA
RADIOACTIVITIES OF SAND SAMPLES IN
TIRUNELVELI AND KANYAKUMARI DISTRICTS**

*Project report submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Manonmanium Sundaranar University, Tirunelveli in partial
fulfilment of the requirement for the award of the degree of*

BACHELOR OF SCIENCE IN CHEMISTRY

SUBMITTED BY

NAME OF THE STUDENT	REG.NO.
A .ASWINI	2020AUC083
J. BALA PRADEEPA	2020AUC084
M. BASMATH	2020AUC085
S. CATHERINE BRINDHA	2020AUC086
M. DHARSHINI	2020AUC087
P. FATHIMA SHAMA	2020AUC088

**Under the Guidance of
Dr.R.GLADIS LATHA**



**P.G & RESEARCH DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL 629004**

APRIL- 2023

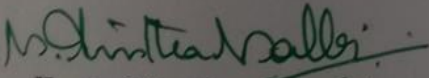
Dr. R. Gladis Latha ,
Assistant Professor,
PG and Research Department of Chemistry,
Holy Cross College (Autonomous), Nagercoil.

CERTIFICATE

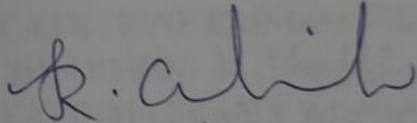
This is to certify that the project entitled "COMPARISON OF GROSS ALPHA AND GROSS BETA RADIOACTIVITIES OF SAND SAMPLES IN TIRUNELVELI AND KANYAKUMARI DISTRICTS" submitted by A. ASWINI , J. BALA PRADEEPA , M. BASMATH, S. CATHERINE BRINDHA , M. DHARSHINI , P. FATHIMA SHAMA of III B.Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfilment of the requirements for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

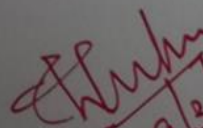
Date: 19.4.2023


Head of the Department,
Dr. M. Anitha Malbi

DR. M. ANITHA MALBI,
M.Sc., M.Phil., Ph.D
(Research Guide)
Assistant Professor of Chemistry
HOLY CROSS COLLEGE
Nagercoil-4


Supervisor,
Dr. R. Gladis Latha

Examiner


19/3/23

DECLARATION

We hereby declare that the project work entitled "COMPARISON OF GROSS ALPHA AND GROSS BETA RADIO ACTIVITIES OF SAND SAMPLES IN TIRUNELVELI AND KANYAKUMARI DISTRICTS" submitted by us for the degree of Bachelor of Science in Chemistry done under the guidance of Dr. R. Gladis Latha., M.Sc., B.Ed., M.Phil., Ph.D., Assistant Professor, Department of Chemistry, Holy Cross College (Autonomous) was entirely carried out by us and it has not been submitted for the award of any other degree, diploma, associate-ship or fellowship of any other University or Institution.

Place: Nagercoil

Date: 19.4.2023

A. ASWINI *A. Aswini*
J. BALA PRADEEPA *J. Bala Pradeepa*
M. BASMATH *M. Basmathi*
S. CATHERINE BRINDHA *S. Catherine Brindha*
M. DHARSHINI *M. Dharshini*
P. FATHIMA SHAMA *P. Fathima Shama*

**GREEN ROUTE FOR EFFICIENT SYNTHESIS OF NOVEL AMINO
ACID SCHIFF BASE METAL COMPLEXES AS POTENT
ANTIMICROBIAL AGENTS**

**Project report submitted to Holy Cross College (Autonomous), Nagercoil
affiliated to Manonmaniam Sundaranar University in Partial fulfillment
of the requirements for the award of the Degree of**

BACHELOR OF SCIENCE IN CHEMISTRY

BY

Name of the Student	Register No
A. PANI POU CIA	2020AUC102
K. REKHA	2020AUC104
G. SAHAYA JENISHA	2020AUC105
J. SAHAYA ROSELIN	2020AUC106
M. SAHAYA VARSHINI	2020AUC107
J. SHERIN BRIGHT	2020AUC109

**Under the guidance of
Dr. S. AJITH SINTHUJA**



**P.G & Research Department of Chemistry
Holy Cross College (Autonomous)
(Re- accredited with 'A+' Grade CGPA 3.35)
Nagercoil - 629004**

April - 2023

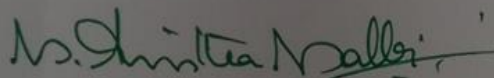
Dr. S. Ajith Sinthuja ,
Assistant Professor,
PG and Research Department of Chemistry,
Holy Cross College (Autonomous),
Nagercoil - 4.

CERTIFICATE

This is to certify that the project entitled "Green Route for Efficient Synthesis of Novel Amino Acid Schiff Base Metal Complexes as Potent Antimicrobial agents" submitted by A. Pani Poucia , K. Rekha , G. Sahaya Jenisha , J. Sahaya Roselin, M. Sahaya Varshini and J. Sherin Bright of III. B.Sc. Chemistry , Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my Supervision and guidance.

Place: Nagercoil

Date: 19/4/2023



Head of the department

Dr. M. Anitha Malbi

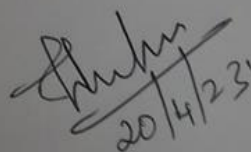


Supervisor

Dr. S. Ajith Sinthuja

DR. M. ANITHA MALBI,
M.Sc., M.Phil., Ph.D
(Research Guide)
Assistant Professor of Chemistry
HOLY CROSS COLLEGE
Nagercoil-4

Examiner



20/4/23

DECLARATION

We hereby declare that the project work entitled "Green Route for Efficient Synthesis of Novel Amino Acid Schiff Base Metal Complexes as Potent Antimicrobial Agents" submitted by us for the degree of Bachelor of Science in Chemistry done under the guidance of Dr. S. Ajith Sinthuja., M.Sc., B.Ed., M.Phil., Ph.D., Assistant Professor, Department of Chemistry, Holy Cross College (Autonomous) was entirely carried out by us and it has not been submitted for the award of any other degree, diploma, associate-ship or fellowship of any other University.

Place: Nagercoil

Date:

A. PANI POU CIA *A. Pani Poucia*
K. REKHA *K. Rekha*
G. SAHAYA JENISHA *G. Jenisha*
J. SAHAYA ROSELIN *Roselin*
M.SAHAYAVARSHINI *Varshini*
J. SHERIN BRIGHT *J. Sherin Bright*

DEPARTMENT OF BOTANY

**“PRELIMINARY PHYTOCHEMICAL SCREENING AND
ANTIMICROBIAL STUDIES ON
Bunchosia glandulifera (Jacq.)Kunth”**

Thesis Submitted to the Manonmaniam Sundaranar
University in partial fulfillment of the degree of
Bachelor of Science in Botany

Submitted by

L.M.Sharon Lisha (Reg No :2020AUB144)

M.MupserinFathima (Reg No :2020AUB139)

J. Donald Abisha (Reg No :2020AUB516)

S.Abisha (Reg No :2020AUB120)

C.Nisha (Reg No :2020AUB532)

Under the Guidance of

Dr. J. Albino Wins, M. Sc., M. Phil., PGDIPR., Ph. D.

(Assistant Professor, Department of Botany)



DEPARTMENT OF BOTANY

HOLY CROSS COLLEGE (AUTONOMOUS),

Re- accredited with A+ Grade (CGPA 3.35) by NAAC

NAGERCOIL- 629 004

NOVEMBER 2022

Dr. J. ALBINO WINS M.Sc., M.Phil., PGDIPR., Ph.D,
Assistant Professor, Department of Botany,
Holy Cross College (Autonomous),
Nagercoil – 629 004.

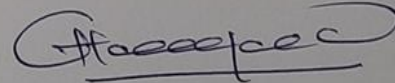
CERTIFICATE

This is to certify that the thesis entitled “**PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL STUDIES OF *Bunchosia glandulifera (Jacq.) Kunth***” submitted in partial fulfilment of the requirements for the award of degree of Bachelor of Science in Botany is a recorded original research work done by Miss. L.M.SharonLisha (Reg. No: 2020AUB144), Miss. MupserinFathima (Reg.No.2020SAUB139), Miss.J. Donald Abisha (Reg.No.2020AUB516), Miss.S.Abisha (2020AUB120), Miss.C.Nisha (2020AUB532) during the period of July 2022 to November 2022 in the Department of Botany at Holy Cross College (Autonomous), Nagercoil, under my supervision and guidance and the project work has not formed the basis for the award of any degree/ diploma/ associate ship or any degree University.

Anami
15/11/22
Head of the Department

Dr. A. ANAMI AUGUSTUS ARUL, M.Sc., M.Phil., Ph.D.
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Nagercoil-4.

Guide/ Supervisor



(Dr. J. Albino Wins)

External Examiner 1: *Solomon*

External Examiner 2:

I. INTRODUCTION

Over the years supermarket shelves have been lined with functional foods which are considered “remedies”. Edible fruits are well known for their nutritional value, and some species are rich in phytochemical compounds which are associated with a reduced risk of developing cardiovascular disease and may provide protection against degenerative diseases (Zampinini *et al.*, 2011).

Some physiological and pathological abnormalities, such as inflammation, cardiovascular disease, and aging, are susceptible to the formation of free radicals that cause cell damage, such as lipids, proteins, and nucleic acids (Leong and Shui, 2002). Fruits contain numerous compounds that have the ability to eliminate reactive oxygen species (ROS) and frequent fruit intake is associated with a lower incidence of chronic diseases. Consuming fruits and a diet rich in fat and carbohydrates (which can have pro-oxidant and pro-inflammatory actions) can change the negative effects (Burton-Freeman, 2010).

Bunchosia glandulifera, commonly known as peanut butter fruit, is a species of flowering plant in the Acerola family, Malpighiaceae, that is native to Central America and South America. It produces small orange-red fruits of sticky and dense pulp, with a flavour and aroma resembling that of peanut butter. It is mostly eaten fresh, but is also used for jellies, jams and preserves. The superficial appearance of the berries are similar to coffee and in Brazil is accordingly called *caferana* or *falsoguarana*. *Bunchosia glandulifera* has been introduced to the U.S. horticulture as *Bunchosia argentea* and was further distributed under this name.

In the last years, the demand for consumable fruits has increased, in particular that for exotic fruits. Fruit processing industries produce substantial amounts of agro-industrial wastes worldwide. Depending on the variety, such residues can reach from 40 to 70% of total of fruits weight (Santos *et al.*,

**“PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL
STUDIES OF *Muntingia calabura* L. IN KALLUKOOTAM VILLAGE,
KANYAKUMARI DISTRICT, SOUTH INDIA”**

**Thesis Submitted to the ManonmaniamSundaranar
University in partial fulfillment of the degree of
Bachelor of Science in Botany**

Submitted by

R. Ackcilin Seki (Reg.No :2020AUB534)

P. Abetha (Reg.No :2020AUB117)

S. AnsylinSuji (Reg.No :2020AUB126)

A. Antony Nivina Devi (Reg.No :2020AUB521)

G. Sivajothy (Reg.No :2020AUB145)

Under the Guidance of

Dr. J.Albino Wins, M. Sc., M. Phil., PGDIPR., Ph. D.

(Assistant Professor, Department of Botany)



DEPARTMENT OF BOTANY

HOLY CROSS COLLEGE (AUTONOMOUS)

Accredited with A⁺ Grade (CGPA 3.35) by NAAC

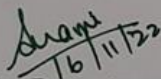
NAGERCOIL - 629004

NOVEMBER-2022

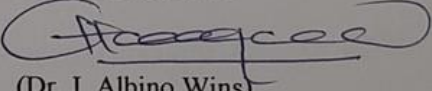
Dr. J. ALBINO WINS M.Sc., M.Phil., PGDIPR., Ph.D,
Assistant Professor, Department of Botany,
Holy Cross College (Autonomous),
Nagercoil – 629 004.

CERTIFICATE

This is to certify that the thesis entitled “**PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL STUDIES OF *Muntingia calabura* L. IN KALLUKOOTAM VILLAGE, KANYAKUMARI DISTRICT, SOUTH INDIA**” submitted in partial fulfilment of the requirements for the award of degree of Bachelor of Science in Botany is a recorded original research work done by Miss. R.Ackcilin Seki (Reg. No : 2020AUB534), Miss. P.Abetha (Reg. No : 2020AUB117), Miss. S.Ansylin Suji (Reg. No : 2020AUB126), Miss. A. Antony Nivina Devi (Reg. No : 2020AUB521) and Miss. G. Sivajothy (Reg. No :2020AUB145) during the period of July 2022 to November 2022 in the Department of Botany at Holy Cross College (Autonomous), Nagercoil, under my supervision and guidance and the project work has not formed the basis for the award of any degree/ diploma/ associate ship or any degree University.


Head of the Department
Dr. A. ANAMI AUGUSTUS ARUL, M.Sc., M.Phil., Ph.D.
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Nagercoil-4.

Guide/ Supervisor


(Dr. J. Albino Wins)

External Examiner 1: 

External Examiner 2:

1. INTRODUCTION

Medicinal plants are the sources of important therapeutic aid for alleviating human ailments. Approximately 80% of the people in the developing countries all over the world depend on the traditional medicine for their primary health-care. Interestingly, approximately 85% of traditional medicine involves the use of plant extracts. Interest in phytomedicine started in the last 20 years and with increasing awareness of the health hazards and toxicities associated with unsystematic use of synthetic drugs and antibiotics, interest in the use of plants and plant-based drugs has revived throughout the world. However, a large number of medicinal plants remain to be investigated for their possible pharmacological value. One of the plants that has recently gained a medicinal plant status is *Muntingia calabura* L. (Elaeocarpaceae) (Morton, 1987; Sani *et al.*, 2012; Yusof *et al.*, 2011).

Muntingia calabura is known throughout the world as “Jamaican cherry” and in Malaysia, particularly among the Malay, it is known as “Kerukupsiam”. Being the sole species within the genus *Muntingia*, it is native to southern Mexico, tropical South America, Central America, the Greater Antilles, Trinidad, and St. Vincent. It is also widely cultivated in warm areas in India and Southeast Asia such as Malaysia, Indonesia, and the Philippines. Indeed, *M. calabura* is commonly cultivated as roadside trees (Mahmood *et al.*, 2014).

Muntingia, or Jamaica Cherry, is a small, fast-growing tree that can reach up to 40 ft. tall at full maturity. The soft leaves are evergreen and have an alternate phyllotaxy. Leaves are dark green on top and light green underneath. The small, white flowers feature yellow stamens in the center. The small, round fruits are abundant, and depending on the variety, have a red or yellow color (Mahmood *et al.*, 2014).

**Phytochemical screening, Morphological variations, Medicinal
and health uses of selected plants**

Hibiscus Rosa-sinensis the family Malvaceae

Project work submitted to Holy Cross College (Autonomous), in partial
fulfilment of the requirements for the award of the degree of Bachelor of
Science in Botany

By

NAME	Reg No
ARUL SOWMIYA .S	2020AUB131
BESMI FREDRICK .V	2020AUB135
BRINTHA .S	2020AUB136
JEGITHA .S	2020AUB512
PAVITHRA .P	2020AUB140

Under the guidance of
DR. Sr. Leema Rose



DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE
NAGERCOIL – 629 704
NOVEMBER– 2022

Dr. Sr. Leema Rose

Assistant professor

Department of Botany

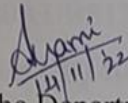
Holy Cross College (Autonomous)

Nagercoil - 629 004,

Tamil Nadu, India.

CERTIFICATE

This to certify that this report is an authentic record of the work carried out by **Arul Sowmiya, Besmi Fedrick, Brintha, Jegitha and Pavithra** under my supervision and guidance and that no part thereof has been presented for any other degree or diploma of any institution


Head of the Department

A. Anami Augusts Arul M.Sc., M.phil., Ph.d

Head of the Department,

Holy Cross College (Autonomous)

Nagercoil - 629 004

Examiners

1. 

2.

INTRODUCTION

Plants are a source of great economic value all over the world. Nature has bestowed us with a very rich botanical wealth and a large number of diverse types of plants grown in different parts of the country. Natural phytochemicals derived from plants have gained significant recognition in the potential management of several human clinical conditions, including cancer (Vastrad et al., 2014). “Phyto” is the Greek word for plant and there are many “families” of phytochemicals that help the human body in a variety of ways. Phytochemicals may protect human being from a host of diseases. There are non-nutritive plant chemicals that have protective or disease preventive properties. Plant produces these chemicals to protect itself but recent research demonstrates that many phytochemicals can protect humans against diseases (Tiwari et al., 2015).

Herbal extracts contain different phytochemicals with biological activity that can be of valuable therapeutic index. Different phytochemicals have been found to possess a wide range of activities, which may help in protection against chronic diseases. Phytochemical surveys are being seen as the first step towards the discovery and structural elucidation of useful natural organic constituents for textile or medicinal applications (Hostettmann et al., 2000). The mode of action of plants producing antimicrobial effects on selected textile materials can be better investigated if the active ingredients are identified and characterized (Vastrad et al., 2016).

Flower species have medicinal value and are also well known for possessing various classes of phytoconstituents, a number of which have since found their way into modern medicine. *Hibiscus rosa-sinensis* belongs to the family of Malvaceae. *H. rosa-sinensis* is planted as an ornamental plant throughout the tropics and sub-tropics and play a prominent role in human health due to the presence of specific biologically active classes of organic

PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL STUDIES OF

ANNONA SPECIES

Project work submitted to

*Manonmaniam Sundaranar University, Tirunelveli
In partial fulfillment of the requirements for the award of the Degree of*

BACHELOR OF SCIENCE

IN

BOTANY

Submitted by

A. Ajitha -2020AUB121

N. Anna Joe Mythili -2020AUB125

S. Jenifer -2020AUB137

R. Rakshana -2020AUB141

P. Thanga Nila -2020AUB147

Under the guidance of

Dr. A. ANAMI AUGUSTUS ARUL M.Sc., M.Phil., Ph.D.




**DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS)**

Nagercoil – 629 004

November-2022

CERTIFICATE

This is to certify that the thesis entitled "*Phytochemical Screening and Antimicrobial Studies of Annona Species*" submitted in partial fulfillment of the requirements for the award of degree of Bachelor of Science in Botany is a recorded original research work done by *A. Ajitha* (Reg.No:2020AUB121), *N. Anna Joe Mythili*, (Reg. No:2020AUB125), *S. Jenifer*, (Reg. No:2020AUB137), *R. Rakshana*, (Reg. No:2020AUB141), *P. Thanga Nila*, (Reg. No: 2020AUB147) in the period of July 2022 to November 2022 in the Department of Botany at Holy Cross College, Nagercoil, under my supervision and guidance and the project work has not been previously done by any other candidates for the award of any degree or diploma.



Head of the Department

Dr. A. Anami Augustus Arul

Dr. A. ANAMI AUGUSTUS ARUL, M.Sc, M.Phil, Ph.D.
Assistant Professor and Head
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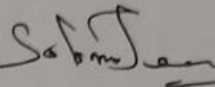
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Place: Nagercoil

Date: 18.11.2022

External Examiner 1:



External Examiner 2:

1. INTRODUCTION

Plants have been used to treat or prevent illness from ancient times. The sacred Vedas dating back between 3500 B.C and 800 B.C give many references of medicinal plants (Varadharajan *et al.*, 2012). Plants been one of the important sources of medicines since the beginning of human civilization. There is a growing request for plant-based medicines, health products, pharmaceuticals, cosmetics, food supplements etc. (Kaladhar *et al.*, 2014).

Medicinal Plants are the local heritage with global importance (Varadharajan *et al.*, 2012). Medicinal plants and herbs have been considered one of the important type of medicines from the start of human development. Moreover, number of medicinal plants used in indigenous medicine have been tested as alternative medicines because of their bactericidal properties. (Patel and Kumar, 2008). Medicinal Plants represent a rich source of antimicrobial agents (Mahesh and Satish, 2008).

World is endowed with a rich wealth of Medicinal plants. These plants have made a good contribution to the development of ancient Material medica. The plants that possess therapeutic properties or exert beneficial Pharmacological effects on the animal body are generally designated as “Medicinal plants”. The green leafy part of the plant is often used, but herbal medicine makes use of the roots, Flowers, seed, root bark, inner bark (cambium) berries and sometimes the pericarp or other portion. These medicines are safer and environment friendly (Varadharajan *et al.*, 2012).

Phytochemicals are naturally occurring, biologically active chemical compounds in plant. The prefix “Phyto” is from a Greek word meaning plant. In plants, phytochemicals act as a natural defense system for host plants and provide colour, aroma and flavour.

Herbal Products from Nature

Dissertation submitted to

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE

IN BOTANY

By

ANUSHA R
MISHA A
ASMA NASREEN S
AROCKIA SAJINA U
RETHI DEVI R

2020AUB127
2020AUB138
2020AUB133
2020AUB129
2020AUB143



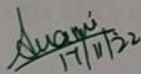
RESEARCH DEPARTMENT OF BOTANY, HOLY CROSS COLLEGE
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NOVEMBER - 2022

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Tamil Nadu, India.

CERTIFICATE

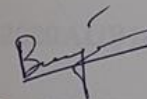
This is to certify that the dissertation entitled "Herbal Products from Nature"
submitted by ANUSHA R, MISHA A, ASMA NASREEN S, AROCKIA
SAJINA U and RETHI DEVI R, Holy Cross College (Autonomous), Nagercoil,
is a bonafide record of the project work carried out by them for the Degree of
Bachelor of Science in Botany, under my guidance.


17/11/22

Dr. A. ANAMI AUGUSTUS ARUL

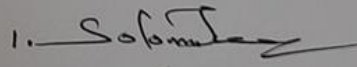
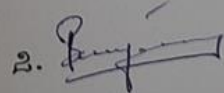
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Dr. BOJAXA A. ROSY ROSY
ASSISTANT PROFESSOR OF BOTANY
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NAGERCOIL - 629 004, TAMILNADU

Examiner:

- 
- 

INTRODUCTION

The use of natural cosmetics is growing among the population. Beauty products considered natural bring an approach of association between environmental preservation and health protection. Thus, consumers of that kind of cosmetic search for products with the guarantee that they are really natural. The word cosmetic was derived from the Greek word “kosm tikos” meaning having the power, arrangement, and skill in decorating.

The origin of cosmetics forms a continuous narrative throughout the history of man as they developed. Man in prehistoric times 3000BC used colours for decoration to attract the animals that he wished to hunt and also the man survived an attack from the enemy by colouring his skin and adorning his body for protection to provoke fear in an enemy. The origin of cosmetics was associated with hunting, fighting, religion, and superstition and later associated with medicine.

Herbal Cosmetics, here in after referred to as Products, are formulated, using various permissible cosmetic ingredients to form the base in which one or more herbal ingredients are used to provide defined cosmetic benefits only, shall be called “Herbal Cosmetics”. It has been used for many years. Today’s market is filled with chemical cosmetic products. Chemical cosmetics are prepared with several chemicals which can cure hair problems but are also responsible for damage to hair. Some international research said that the chemicals in cosmetics are also responsible for cancer.

Herbal shampoo is defined as a preparation of a surfactant (surface active material) in suitable form liquid-solid or power which when used under the conditions specified will remove surface grease, dirt, and skin debris from the hair shaft and scalp without affecting adversely the hair, scalp or health of the user. Herbal shampoo has so many types powder, liquid, lotion, cream,

**VARIATION IN THE MORPHOLOGICAL TRAITS OF
COLEUS AROMATICUS BENTH FROM FIVE DISTINCT SITES IN
THE KANYAKUMARI DISTRICT**

Dissertation submitted to

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE

IN BOTANY

By

AJITHRA L
ANGELIN DANIEL S
ARUL JENISHA J
ASHIKA S
VINISHA RANI M

2020AUB122
2020AUB124
2020AUB130
2020AUB132
2020AUB149



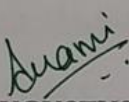
RESEARCH DEPARTMENT OF BOTANY, HOLY CROSS COLLEGE
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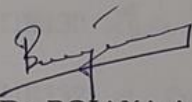
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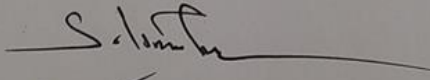
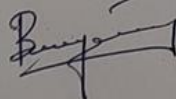
CERTIFICATE

This is to certify that the dissertation entitled "Variation in the morphological traits of *Coleus aromaticus* Benth from five distinct sites in the Kanyakumari district" submitted by AJITHRA L, ANGELIN DANI I S, ARUL JENISHA J, ASHIKA S, and VINISHA RANI M, Holy Cross College (Autonomous), Nagercoil, is a bonafide record of the project work carried out by them for the Degree of Bachelor of Science in Botany, under my guidance.


Dr. A. ANAMI AUGUSTUS ARUL
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Guide
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Examiners

1. 
2. 

INTRODUCTION

The herb *Coleus aromaticus* is a member of the Lamiaceae family and it is considered to be native to parts of Africa, the Arabian Peninsula, and India, although it is widely cultivated and naturalized elsewhere in the tropics where it is used as a spice and ornamental plant. It is a large succulent aromatic perennial herb with hispidly villous or tomentose fleshy stem. Leaves are simple, opposite, broadly ovate, crenate and fleshy. The plant grows to around 50 cm tall with horizontal stems up to 180 cm long potted plants. The leaves are highly aromatic with a strong flavor of mixed herbs (Pritima, and Pandian. 2008). Flowers are pale purplish in dense whorls at distant intervals in a long slender raceme. Fruits are orbicular or ovoid nutlets (Warrier et al., 1995). The common names of the plant include Indian borage, Country borage (English), Indian borage, Parna-Yavaani, Peterechur, Panikkurukka, Kapparillaku (India), Da Shou Xiang (China), Indian Mint, Soup Mint (South Africa, US), Indian Borage, Country borage, Spanish thyme, Mexican mint, French thyme, Indian mint (US), Orégano; Orégano de Cartagena (Cuba), Big thyme (St. Vincent, Grenada & other English speaking Caribbean Islands), Broadleaf Thyme (Barbados), Latai, Suganda, Oregan, Toronjil de limón (Philippines), Orielle (France) and Jamaika thymian (Germany). *C. aromaticus* possess a variety of bioactive compounds.. *Coleus aromaticus* is fleshy, thick, acute apex, pinnate, dentate margin and symmetrical base. Stems are flexible, smooth, small, and fleshy and have fibrous structures with a large number of nodes and inter-nodes. Roots are cylindrical to the torus and have sharp edges at the base with large numbers of rootlets.

According to the World Health Organization, 80% of the world population is dependent on the traditional use of medicinal plants (Mathur *et al.* 2011; Sandhya *et al.* 2011; Swamy and

DEPARTMENT OF ZOOLOGY

B.Sc 126

**EFFECT OF BODY MASS INDEX ON BLOOD PRESSURE OF YOUNG
WOMEN OF KANYAKUMARI DISTRICT**

*Project report submitted to Holy Cross College (Autonomous), Nagercoil affiliated to
Manonmaniam Sundaranar University, Tirunelveli in partial fulfilment of the requirements
for the award of the Degree of*

BACHELOR OF SCIENCE

IN

ZOOLOGY

Submitted by

B. DHIYA ROSHINI	2020AUZ159
J. JENIF	2020AUZ167
C. MERCY	2020AUZ177
J.S. RIYA BREEZE	2020AUZ186
K. ANU	2021AUZ001

**Department of Zoology
Holy Cross College (Autonomous)
Nagercoil - 629 004.**



Department of Zoology
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November 2022

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Holy Cross College (Autonomous)

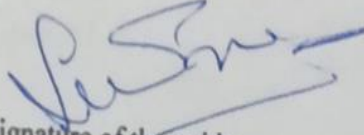
Nagercoil

CERTIFICATE

This is to certify that this dissertation entitled "EFFECT OF BODY MASS INDEX ON BLOOD PRESSURE OF YOUNG WOMEN OF KANYAKUMARI DISTRICT" submitted to "Department of Zoology", Holy Cross College (Autonomous), affiliated to Manonmaniam Sundaranar University, for the award of the degree of Bachelor in Zoology, is a record of Bonafide work done by the following students Ms. B. Dhiya Roshini, Ms. J. Jenif, Ms. C. Mercy, Ms. J.S. Riya Breeze and Ms. K. Anu during the academic year 2022 – 2023 under my guidance and supervision and it has not been submitted for the award of any degree, diploma, associateship or fellowship of any University or institution.

Place: Nagercoil

Date: 16-11-2022

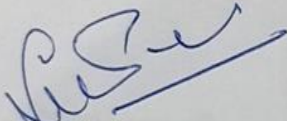

Signature of the guide

Signature of the Examiner

Signature of the Head of the Department

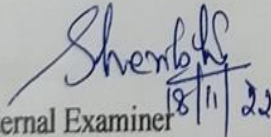
BONAFIDE CERTIFICATE

This is to certify that the project entitled "EFFECT OF BODY MASS INDEX ON BLOOD PRESSURE OF YOUNG WOMEN OF KANYAKUMARI DISTRICT" is a bonafide record of work done by Ms. B. Dhiya Roshini, Ms. J. Jenif, Ms. C. Mercy, Ms. J.S. Riya Breeze and Ms. K. Anu under the guidance and supervision of Dr. Jeni Chandar Padua, during their tenure towards the partial fulfillment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.


Supervisor


Head of the Department

Submitted for Viva Voce Examination held on


External Examiner 18/11/22

Dr. F. BRISCA RENUKA
HOD - Department of Zoology
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DECLARATION

We hereby declare that the dissertation entitled "EFFECT OF BODY MASS INDEX ON BLOOD PRESSURE OF YOUNG WOMEN OF KANYAKUMARI DISTRICT" submitted to " Department of Zoology", Holy Cross College (Autonomous), affiliated to Manonmaniam Sundaranar University, for the award of the degree of Bachelor in Zoology is the record of our original and independent research work carried out under the guidance of Dr. Jeni Chandar Padua M.Sc., M.A., B.Ed., M.Phil., SET, Ph.D, Asst. Professor, Department of Zoology, Holy Cross College, Nagercoil and it has not been submitted elsewhere for the award of any other degree or diploma, associateship or fellowship of any University or Institution.

B. Dhiya Roshini	2020AUZ159	B. Dhiya Roshini
J. Jenif	2020AUZ167	J. Jenif
C. Mercy	2020AUZ177	C. Mercy.
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K. Anu	2021AUZ001	K. Anu.

Place: Nagercoil

Date: 16-11-2022

BSc 125

**IN VITRO ANTIBACTERIAL EFFICACY OF THE PLANT EXTRACTS
OF KLEINIA GRANDIFLORA AGAINST PATHOGENIC BACTERIA**

*Project report submitted to Holy Cross College (Autonomous),
Nagercoil Affiliated to Manonmaniam Sundaranar University, Tirunelveli
in partial fulfilment of the requirements for the award of the degree of*

BACHELOR OF SCIENCE

IN

ZOOLOGY

by

DHARSHINI, T.	2020AUZ158
JEBISHA, J S.	2020AUZ166
MERCY JENIFER, R J.	2020AUZ176
RESHMA, H.	2020AUZ185
RESHMA MATTO, V.	2020AUZ500



**Department of Zoology
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DEPARTMENT OF ZOOLOGY

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629 004

NOVEMBER - 2022



BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "*In vitro* antibacterial efficacy of the plant extracts of *Kleinia grandiflora* against pathogenic bacteria" submitted by Dharshini. T (Reg. No: 2020AUZ158), Jebisha. J S (Reg. No: 2020AUZ166), Mercy Jenifer. R J (Reg. No: 2020AUZ176), Reshma. H (Reg. No: 2020AUZ185) and Reshma Matto. V (Reg. No: 2020AUZ500) towards the partial fulfilment of the requirements for the degree of Bachelor of Science in Zoology, is a bonafide record of the research work carried out by them during the academic year 2022-2023 under the guidance and supervision of Dr. C. Anitha, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil and that this project has not been previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title.


Head of the Department of Zoology

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Submitted for Viva Voce Examination held on


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CERTIFICATE

This is to certify that the dissertation entitled "*In vitro* antibacterial efficacy of the plant extracts of *Kleinia grandiflora* against pathogenic bacteria" is a bonafide record of research work done by Dharshini. T (Reg. No: 2020AUZ158), Jebisha. J S (Reg. No: 2020AUZ166), Mercy Jenifer. R J (Reg. No: 2020AUZ176), Reshma. H (Reg. No: 2020AUZ185) and Reshma Matto. V (Reg. No: 2020AUZ500) under my supervision during their tenure towards the partial fulfilment of the requirement for the award of the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli during the academic year 2022-2023. This dissertation or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 18/11/2022


(Dr. C. Anitha)



DECLARATION

We do hereby affirm that the dissertation entitled "*In vitro* antibacterial efficacy of the plant extracts of *Kleinia grandiflora* against pathogenic bacteria" being submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfilment of the degree of Bachelor of Science in Zoology is based on our Dharshini. T (Reg. No: 2020AUZ158), Jebisha. JS (Reg. No: 2020AUZ166), Mercy Jenifer. R.J (Reg. No: 2020AUZ176), Reshma. H (Reg. No: 2020AUZ185) and Reshma Matto. V (Reg. No: 2020AUZ500) research work carried out by us under the guidance of Dr. C. Anitha, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil during the academic year 2022-2023 and this work has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 18/11/2022

NAME	REGISTER NUMBER	SIGNATURE
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Mercy Jenifer. R J	2020AUZ176	M. J. R. J.
Reshma. H	2020AUZ185	Reshma. H
Reshma Matto. V	2020AUZ500	Reshma Matto. V

**A STUDY TO IDENTIFY THE MENSTRUAL PROBLEMS AND
RELATED PRACTICES AMONG ADOLESCENT GIRLS IN
KANNIYAKUMARI DISTRICT, TAMILNADU, INDIA.**

Project report submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Manonmaniam Sundaranar University, Tirunelveli
in partial fulfilment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE
in
ZOOLOGY**

By

ANEESHA BARVIN. N	2020AUZ153
GAANIGA G.K	2020AUZ162
KAAVYA. R	2020AUZ170
PUSPA RISHWANA. K	2020AUZ181
SHAHANA SHERIN. H	2020AUZ189



**DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL 629 004
November 2022**

BONAFIDE CERTIFICATE

This is to certify that the project report entitled “A Study to Identify the Menstrual problems and Related Practices among Adolescents girls in kanniyakumari District, Tamilnadu, India” submitted by Aneesha Barvin.N (2020AUZ153) Gaaniga G.K (2020AUZ162) Kaavya.R (2020AUZ170) Puspa Rishwana.K (2020AUZ181) Shahana Sherin.H (2020AUZ189) towards the partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Zoology, is a bonafide record of the research work carried out by them during the academic year 2022-2023 under the guidance and supervision of **Dr. P.T Arokya Glory M.Sc., M. Phil, B.Ed., SET., Ph.D.,** Department of Zoology, Holy Cross College (Autonomous), Nagercoil and that this project has not been previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title.

Bon 17/11/2022

Head of the Department of Zoology

Supervisor

Dr. F. BRISCA RENUGA
HOD - Department of Zoology
Holy Cross College
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P.T. Arokyaglor
Dr. P.T. Arokya Glory

Submitted for Viva Voice Examination held on

Shembh
External Examiner 8/11/22.

Dr.P.T. Arokya Glory,
Assistant Professor,
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Nagercoil – 629 004.

CERTIFICATE

This is to certify that the project report entitled “A Study to Identify the Menstrual Problems and Related Practices among Adolescent Girls in Kanniyakumari District, Tamilnadu, India” is a bonafide record of the research work done by Aneesha Barvin. N (2020AUZ153) Gaaniga G.K (2020AUZ162) Kaavya. R (2020AUZ170) Puspa Rishwana. K (2020AUZ181) Shahana Sherin. H (2020AUZ189) under my supervision during their tenure towards the partial fulfilment of the requirement for the award of the degree of **Bachelor of Science in Zoology** at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli during the academic year 2022-2023. This dissertation or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 16.11.2022

P.T. Arokyaglor

(Dr. P. T. Arokya Glory)

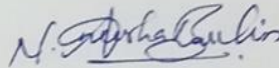
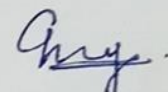
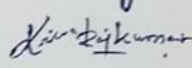
Supervisor

DECLARATION

We do hereby affirm that the project report entitled "A Study to Identify the Mensrual Problems and Related Practices among Adolescent Girls in Kanniyakumari District, Tamilnadu, India" being submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfilment of the award of the degree of Bachelor of Science in Zoology is based on our Aneesha Barvin. N (2020AUZ153) Gaaniga G.K (2020AUZ162) Kaavya. R (2020AUZ170) Puspa Rishwana. K (2020AUZ181) Shahana Sherin. H (2020AUZ189) research work carried out by us under the guidance of Dr.P.T.Arockya Glory, M.Sc,M.Phil,B.Ed,SET,Ph.D, Department of Zoology, Holy Cross College (Autonomous), Nagercoil during the academic year 2022-2023 and this work has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 16-11-2022

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Aneesha Barvin N.	(2020AUZ153)	
Gaaniga G.K.	(2020AUZ162)	
Kaavya R.	(2020AUZ170)	
Puspa Rishwana K.	(2020AUZ181)	Rishwana. K
Shahana Sherin H.	(2020AUZ189)	Shahana Sherin. H

ACKNOWLEDGEMENT

First and foremost, we thank God Almighty for his abundance blessings.

We express our special thanks to our guide Dr. P. T. Arokya Glory as well as our Head of the Department Dr. F. Brisca Renuka and all the staff members of the department of Zoology, who supported us to do our project on "A Study to Identify the Menstrual Problems and Related Practices among Adolescent Girls in Knniyakumari District, Tamil Nadu, India".

We express our gratitude to the principal of Holy Cross College (Autonomous) Nagercoil Dr. Sr. Sahaya Selvi for giving us freedom to do our project on our interest.

We also express our heartfelt thanks to our parents for their moral support for the successful completion of our project.

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N. Aneesha Barvin

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"ANALYSIS OF MICROPLASTICS IN *Stolephorus indicus*"

Dissertation submitted to Holy Cross College (Autonomous) Nagercoil,
affiliated to Manonmaniam Sundaranar University, Tirunelveli
in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE

IN

ZOOLOGY

Submitted by

ANSA MARY. J. M. (Reg. No : 2020AUZ154)

HILDA SAVARINA. C. (Reg. No : 2020AUZ163)

LINCY. G. (Reg. No : 2020AUZ171)

RABEKHA. V. (Reg. No : 2020AUZ182)

SUGANYA. S. (Reg. No : 2020AUZ190)



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DEPARTMENT OF ZOOLOGY


HOLY CROSS COLLEGE (AUTONOMOUS)

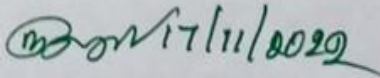
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NOVEMBER - 2022

BONAFIDE CERTIFICATE

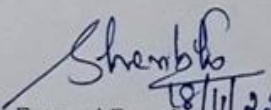
This is to certify that the dissertation entitled "ANALYSIS OF MICROPLASTICS IN *Stolephorus indicus*" submitted by Ms. Ansa Mary. J. M, Reg. No. 2020AUZ154, Ms. Hilda Savarina. C, Reg. No. 2020AUZ163, Ms. Lincy. G, Reg. No. 2020AUZ171, Ms. Rabekha.V, Reg. No. 2020AUZ182, Ms. Suganya. S, Reg. No. 2020AUZ190, to Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli towards partial fulfilment of the requirements for the award of the Degree of Bachelor of Science in Zoology is a bonafide record of the work carried out by them under the guidance and supervision of Dr. C. Josephine Priyatharshini, M.Sc., B.Ed., Ph.D., Assistant professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil during the academic year 2022- 2023.


Supervisor.


Head of the Department

Dr. F. BRISCA RENUGA
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Submitted for viva voce examination held on 18.11.2022


External Examiner 18/11/22

Dr. C. Josephine Priyatharshini, M.Sc., B.Ed., Ph.D.

Assistant professor in Zoology,

Holy Cross College (Autonomous),

Nagercoil – 629 004.

CERTIFICATE

This is to certify that the dissertation entitled “ANALYSIS OF MICROPLASTICS IN *Stolephorus indicus*” submitted to Holy Cross College (Autonomous), Nagercoil affiliated to Manonmanium Sundaranar University, Tirunelveli in partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Zoology is a bonafide work done by Ms. Ansa Mary. J. M, Reg. No. 2020AUZ154, Ms. Hilda Savarina. C, Reg. No. 2020AUZ163, Ms. Lincy. G, Reg. No. 2020AUZ171, Ms. Rabekha.V, Reg. No. 2020AUZ182, Ms. Suganya. S, Reg. No. 2020AUZ190, at the Department of Zoology, Holy Cross College (Autonomous), Nagercoil during the academic year 2022-2023 under my guidance and supervision. This dissertation or any part of this has not been submitted elsewhere for any other degree.

Place : Nagercoil

Date : 18.11.2022


(Dr. C. JOSEPHINE PRIYATHARSHINI)

DECLARATION

We hereby declare that this dissertation entitled "ANALYSIS OF MICROPLASTICS IN *Stolephorus indicus*" submitted by us for the partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Zoology is the results of our original work carried out between the period 2022-2023 under the guidance and supervision of Dr. C.JOSEPHINE PRIYATHARSHINI, M.Sc., B.Ed., Ph.D., Assistant professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil. This dissertation or any part of this has not been submitted elsewhere for any other degree or diploma.

Place : Nagercoil.

Date : 18.11.2022

Ansa Mary J.M.

ANSA MARY. J. M.

Hilda Savarina. C

HILDA SAVARINA. C.

G. Lincy

LINCY. G.

Rabekha V.

RABEKHA. V.

Suganya S.

SUGANYA. S.

ACKNOWLEDGEMENT

"GIVE THANKS TO THE LORD FOR HE IS GOOD"

First, We owe our profound gratitude to the "ALMIGHTY GOD" who has been an ineffable source and inspiration in completing this project.

We sincerely thank our principal Rev. Dr. Sr. S. Sahayaselvi Holy Cross College (Autonomous), Nagercoil for giving us an opportunity to do this project work in this esteemed institution.

With deep sense of gratitude, We express our gratefulness to our Head of the Department Mrs. F. Brisca Renuga, M.Sc., M.Phil., B.Ed., Ph.D., for her wise suggestion and timely help.

We are extremely grateful to our project guide Dr. C. Josephine Priyatharshini Assistant Professor Department of Zoology, Holy Cross College, (Autonomous) for providing us with constant support to complete this project with time.

We are grateful in acknowledging the well-wishers, who have taken efforts by providing the details for our project work.

We are thankful and fortune enough to get encouragement and valuable support from our parents and all those who have helped us to complete our project work successfully.

Ansa Mary J.M.
ANSA MARY. J. M.
Hilda Savarina.c
HILDA SAVARINA. C.
G. Lincy
LINCY. G.
Rabekha V.
RABEKHA. V.
Suganya S
SUGANYA. S.

**EFFECT OF DIETARY SUPPLEMENTATION OF PAPAYA LEAF ON
GROWTH AND FEEDING BIOENERGETICS OF THE FRESHWATER
FISH INDIAN MAJOR CARP, *LABEO ROHITA***

Project report submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Manonmaniam Sundaranar University, Tirunelveli
in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF SCIENCE

IN

ZOOLOGY

BY

AJITHA R (Reg. No. 2020AUZ150)

DOBINA SHERIN D (Reg. No. 2020AUZ160)

JENIFER J S (Reg. No. 2020AUZ168)

MIC SALOMIYA A (Reg. No. 2020AUZ178)

SAHAYA SHALU S (Reg. No. 2020AUZ187)



**Department of Zoology
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**DEPARTMENT OF ZOOLOGY
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November 2022

BONAFIDE CERTIFICATE

This is to certify that the project report entitled "**Effect of dietary supplementation of papaya leaf on growth and feeding bioenergetics of the freshwater fish Indian major carp, *Labeo rohita***" submitted by **Ajitha R (2020AUZ150), Dobina Sherin D (2020AUZ160) Jenifer JS (2020AUZ168) Mic Salomiya A (2020AUZ178) and Sahaya Shalu S (2020AUZ187)** towards the partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Zoology, is a bonafide record of the research work carried out by them during the academic year 2022-2023 under the guidance and supervision of **Dr. Mrs. S. Mary Mettilda Bai, M.Sc., M.Phil., B.Ed., Ph.D., Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil** and that this project has not been previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title.

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17/11/2022

Dr. F. Brisca Renuga
Head of the Department of Zoology

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Dr. S. Mary Mettilda Bai
Research Supervisor

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Shambhu
18/11/22
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Assistant Professor,

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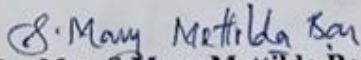
Holy Cross College (Autonomous),

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CERTIFICATE

This is to certify that the project report entitled, "Effect of dietary supplementation of papaya leaf on growth and feeding bioenergetics of the freshwater fish Indian major carp, *Labeo rohita*" is a bonafide record of the research work done by Ajitha R (2020AUZ150), Dobina Sherin D (2020AUZ160) Jenifer JS (2020AUZ168) Mic Salomiya A (2020AUZ178) and Sahaya Shalu S (2020AUZ187) under my supervision during their tenure towards the partial fulfilment of the requirement for the award of the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli during the academic year 2022-2023. This dissertation or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil


Dr. Mrs. S Mary Mettilda Bai

Date: 16/11/2022

DECLARATION

We do hereby affirm that the project report entitled, "Effect of dietary supplementation of papaya leaf on growth and feeding bioenergetics of the freshwater fish Indian major carp, *Labeo rohita*" being submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfilment of the award of the degree of Bachelor of Science in Zoology is based on our Ajitha R (2020AUZ150), Dobina Sherin D (2020AUZ160) Jenifer JS (2020AUZ168) Mic Salomiya A (2020AUZ178) and Sahaya Shalu S (2020AUZ187) research work carried out by us under the guidance of Dr. Mrs. S Mary Mettilda Bai, M.Sc., M.Phil., B.Ed., Ph.D., Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil during the academic year 2022-2023 and this work has not been submitted elsewhere for any other degree.

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SAHAYA SHALU S (Reg. No. 2020AUZ187)

S. Shalu

ACKNOWLEDGEMENT

Primarily we would like to thank God Almighty for giving us the blessings for the successful completion of our project work.

We would like to thank our principal Dr. Sr. S. Sahaya Selvi who gave us the golden opportunity of this wonderful project.

We would like to express our special thanks and gratitude to Dr. S. Mary Mettilda Bai, Assistant Professor of Zoology, Holy Cross College (Autonomous), Nagercoil for her guidance and support throughout the project. We extend our sincere thanks to Dr. J. Vinoliya Josephine Mary, Assistant Professor of Zoology, Holy Cross College (Autonomous), Nagercoil for her constant support throughout this project work.

We would also like to extend our gratitude to our head of the department Dr. F. Brisca Renuga, Associate Professor of Zoology, Holy Cross College (Autonomous), Nagercoil and all the faculty members of the Zoology department for providing us with all the facilities that was required.

We also thank our lab technicians who displayed appreciation for our work and motivated us to continue our project.

We sincerely thank Mr. Sunil Kumar, Parakkai Centre for sustainable aquaculture and Chittar Dam fisheries department and for providing the experimental fish fingerlings.

We would also like to thank our parents and friends who helped us a lot in finishing this project within the limited time.

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R. Ajitha

DOBINA SHERIN D (Reg. No. 2020AUZ160)

D. Dobina

JENIFER J S (Reg. No. 2020AUZ168)

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Mic Salomiya

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S. Shalu

DEPARTMENT OF COMPUTER SCIENCE

BIZWHEEL

Submitted in partial fulfilment of the requirement for the degree of
BACHELOR OF COMPUTER SCIENCE
Of Manonmaniam Sundaranar University, Tirunelveli

Submitted by

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Mary Shanu .C (2020SUS071)

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Under the Guidance of

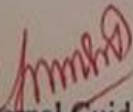
Mrs. V. R. Bithiah Blessie .M.Sc, B.Ed., M.Phil.,



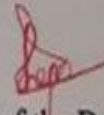
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This is to certify that the entitled "BIZWHEEL" is the bonafide work done by MARIA NESAM RASHIBA. J (2020SUS069), MARY SHANU .C (2020SUS071), SAHAYA BESIKA .S (2020SUS083) in the partial fulfilment for the award of the degree, B.Sc. Computer Science by Manonmaniam Sundaranar University during the academic year 2021-2022.


Internal Guide

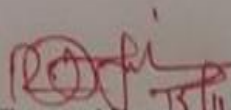
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Submitted in partial fulfillment of the requirement for the degree of

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Of Manonmaniam Sundaranar University, Tirunelveli

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Pershi .C (2020SUS073)

Renisha .S (2020SUS078)

Under the Guidance of

Mrs. J. Anto Hepzie Bai, MCA., M.Phil., B.Ed



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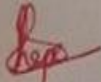
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This is to certify that the entitled "HASTA HOSPITAL MANAGEMENT" is the bonafide work done by KAMALIRJA .K (2020SUS062), PERSHI .C (2020SUS073), RENISHA .S (2020SUS078) in the partial fulfillment for the award of the degree, B.Sc Computer Science by Manonmaniam Sundaranar University during the academic year 2022-2023.

ACKNOWLEDGEMENT



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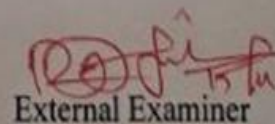


Head of the Department

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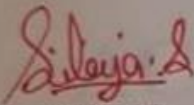
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November - 2022

CERTIFICATE

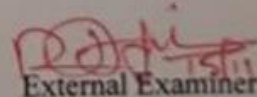
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Internal Guide
(Ms. S. Sibija)



Head of the Department
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Internal Examiner

MATRIMONIAL SITE

Submitted in partial fulfillment of the requirement for the award of degree

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Manonmaniam Sundaranar University, Tirunelveli

Submitted by

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K. Pon Sinthu (2020SUS074)

T. Priyadharsini (2020SUS076)

Under the Guidance of

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DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (Autonomous)

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November - 2022

MATRIMONIAL SITE

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BACHELOR OF COMPUTER SCIENCE

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Submitted by

C. Mary Rishana (2020SUS070)

K. Pon Sinihu (2020SUS074)

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Mrs. M. Nithila David, M.Sc., M.Phil.,



DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (Autonomous)

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November - 2022

SCHOOL MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF COMPUTER SCIENCE

Of Manonmaniam Sundaranar University, Tirunelveli

Submitted By

Babisha .B (2020SUS049)

Johns Anisha .J (2020SUS061)

Varshaa .B .S (2020SUS086)

Under the Guidance of

Mrs. V. R. Bithiah Blessie M.Sc., B.Ed., M.Phil.



DEPARTMENT OF COMPUTER SCIENCE

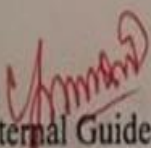
HOLY CROSS COLLEGE (Autonomous)

NAGERCOIL - 629 004

November - 2022

CERTIFICATE

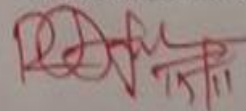
This is to certify that the entitled "SCHOOL MANAGEMENT SYSTEM" is the bonafide work done by **BABISHA .B (2020SUS049)**, **JOHNS ANISHA .J (2020SUS061)**, **VARSHAA .B .S (2020SUS086)** in the partial fulfillment for the award of the degree, B.Sc. Computer Science by Manonmaniam Sundaranar University during the academic year 2022-2023.


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(Mrs. V. R. Bithiah Blessie)

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Head of the Department
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15/11

STREAMIT

Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF COMPUTER SCIENCE

Of Manonmaniam Sundaranar University, Tirunelveli

Submitted by

Celine Sowmya .J (2020SUS052)

Ditty Mol .S (2020SUS053)

Kemi .M (2020SUS063)

Under the Guidance of

Mrs. J. Anto Hepzie Bai, MCA., M Phil., B.Ed



DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (Autonomous)

NAGERCOIL - 629 004

NOVEMBER - 2022

CERTIFICATE

This is to certify that the entitled "STREAMIT" is the bonafide work done by **CELINE SOWMIYA .J (2020SUS052), DITTY MOL .S (2020SUS053), KEMI .M (2020SUS063)** in the partial fulfillment for the award of the degree, B.Sc Computer Science by Manonmaniam Sundaranar University during the academic year 2021-2022.

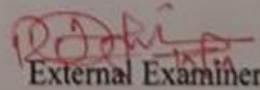


Internal Guide
(Ms. Anto Hepzie Bai .J)



Head of the Department
(Ms. Anto Hepzie Bai .J)
HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE
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NAGERCOIL

Internal Examiner



External Examiner

WARRIOR TRADING TECHNOLOGIES

Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF COMPUTER SCIENCE

Of Manonmaniam Sundaranar University, Tirunelveli

Submitted by

Ancie Moul .B (2020SUS043)

Beno Disni .V (2020SUS051)

Jalofin .J (2020SUS057)

Under the Guidance of

Mrs. V. R. Bithiah Blessie M.SC., M. Phil., B.Ed.,



DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (Autonomous)

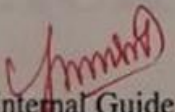
NAGERCOIL - 629 004


November - 2022

CERTIFICATE

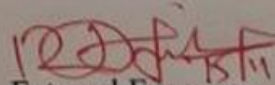
This is to certify that the entitled "WARRIOR TRADING TECHNOLOGIES" The works done by ANCIE MOUL .B (2020SUS043), BENO DISNI .V (2020SUS051), JALOFIN .J (2020SUS057) in the partial fulfillment for the award of the degree B.Sc. Computer Science by Manonmaniam Sundaranar University during the educational year 2022-2023.

ACKNOWLEDGEMENT


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(V. R. Bithiah Blessie)


Head of the Department
(Ms. J. Anto Hepzie Bai)
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NAGERCOIL

Internal Examine


External Examiner

DEPARTMENT OF ENGLISH

Induced Hyperreality: A Study on Aimee Bender's *The Particular Sadness of Lemon Cake*

PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

Name	By	Reg. no.
J. Anushiya		2020AUE253
F.S. Bershene		2020AUE258
A. Dhanyaa		2020AUE263
V.S. Jenisha		2020AUE271
J. Sherin Rose		2020AUE506

Under the guidance of
Dr. Snow J. Sharmilla, M.A., M.Phil., Ph.D.



PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS)

**NAGERCOIL
NOVEMBER 2022**

[Handwritten Signature]
18/11/22
External Examiner

Dr. Snow J. Sharmilla, M.A., M.Phil., Ph.D.
Assistant Professor of English,
Holy Cross College (Autonomous),
Nagercoil - 629004.

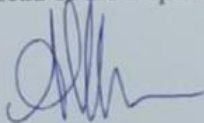
CERTIFICATE

This is to certify that the project report “Induced Hyperreality: A Study on *The Particular Sadness of Lemon Cake*” submitted by J. Anushiya, F.S. Bershene, A. Dhanyaa, V.S. Jenisha, J. Sherin Rose is a bonafide project work done during 2022 – 2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

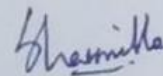
Date: November 2022

Head of the Department



(Dr. Alby Grace)

Guide



(Dr. Snow J. Sharmilla)

DECLARATION

We hereby declare that this project report entitled "Induced Hyperreality: A Study on *The Particular Sadness of Lemon Cake*" is a bonafide record of work done by us under the guidance of Dr. Snow J. Sharmilla, M.A., M.Phil., Ph.D., Assistant Professor of English, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed basis for any award of Degree, Diploma or any other title.

Name	Reg. no.	Signature
J. Anushiya	2020AUE253	J. Anushiya
F.S. Bershene	2020AUE258	F.S. Bershene
A. Dhanyaa	2020AUE263	A. Dhanyaa
V.S. Jenisha	2020AUE271	V.S. Jenisha
J. Sherin Rose	2020AUE506	J. Sherin Rose

Place: Nagercoil

Date: November 2022

**Salvation – A Key to Peace in Jean-Claude Grumberg's
*The Most Precious of Cargoes.***

PROJECT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

By

Name	Reg-no
F. J. Jefra Shiny	2020AUE513
J. Reneta Petricia	2020AUE281
R. Reshma	2020AUE282
Rubilet Athersha	2020AUE288
Sr. S. Vinnarasi	2020AUE300

Under the guidance of
Ms. J. S. Amlin Beatrice, M.A., PGDELT., M.Phil.



**PG & RESEARCH DEPARTMENT OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2020**

Handwritten signature and date: 18/11/22

External Examiner

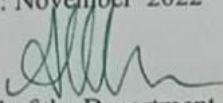
Ms. J. S. Amlin Beatrice, M.A.,PGDELT., M.Phil.
Assistant Professor of English, Holy
Cross College (Autonomous),
Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report "Salvation – A Key to Peace in Jean-Claude Grumberg's *The Most Precious of Cargoes*" submitted by J. Reneta Petricia, R. Reshma, Rubilet Athersha, Sr. S. Vinnarasi and F. J. Jefra Shiny is a bonafide project work done during 2022 – 2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2022


Head of the Department

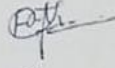
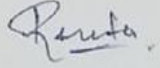
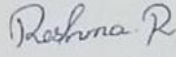
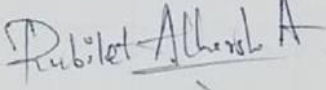
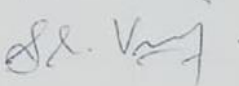
(Dr. Alby Grace)


Guide

J. S. Amlin Beatrice,
M.A.,PGDELT., M.Phil.

DECLARATION

We hereby declare that this project report entitled “ Salvation – A Key to Peace in Jean-Claude Grumberg’s *The Most Precious of Cargoes*” is a bonafide record of work done by us under the guidance of J.S.Amlin Beatrice, Assistant Professor of English, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed basis for any award of Degree, Diploma or any other title.

Name	Reg.No	Signature
F. J. Jefra Shiny	2020AUE513	
J. Reneta Petricia	2020AUE281	
R. Reshma	2020AUE282	
Rubilet Athersha	2020AUE288	
Sr. S. Vinnarasi	2020AUE300	

Place : Nagercoil
Date : November 2022

**LEARNER CENTERED APPROACH IN L2 CLASSROOMS:
A SOCIOLOGY OF EDUCATION**

PROJECT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

By

Name	Reg-no
ANU DIXCY. A	2020AUE252
ASHWINI. A	2020AUE256
RINISHA.R. L	2020AUE284
SHARONA. J. M	2020AUE294
SHIHNAAS FARHANA. S	2020AUE296

Under the guidance of
DR. R. ABILASHA



**PG & RESEARCH DEPARTMENT OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2022**

Handwritten signature and date: 18/11/22

External Examiner

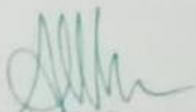
Dr. R. Abilasha,
Assistant Professor of English,
Holy Cross College (Autonomous),
Nagercoil - 629004.

CERTIFICATE

This is to certify that the project "Learner Centered Approach in L2 Classrooms : A Sociology of Education " submitted by Anu Dixey.A, Ashwini. A, Rinisha.R.L, Sharona.J.M, Shihnaas Farhana.S is a bonafide project work done during 2022 – 2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2022



Head of the Department

Dr. Alby Grace



Guide

Dr.R.Abilasha.

Dr. R. ABILASHA, M.A., M.Phil., Ph.D. (F.T)
Assistant Professor
PG & Research Department
Holy Cross College (Autonomous),
Nagercoil - 629 004

DECLARATION

We hereby declare that this project entitled "Learner Centered Approach in a L2 Classroom: A Sociology of Education" is a bonafide record of work done by us under the guidance of Dr. Abilasha, Assistant Professor of English, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed the basis for any award of Degree, Diploma or any other title.

Name	Reg-no
Anu Dixcy. A	2020AUE252
Ashwini. A	2020AUE256
Rinisha.R.L	2020AUE284
Sharona. J. M	2020AUE294
Shihnaas Farhana. S	2020AUE296

A. Anu Dixcy

A. Ashwini

R.L. Rinisha

Sharona

Shihnaas Farhana

Signature of the candidates

Place: Nagercoil

Date: November 2022

**Imperceptible Clout: A Historical Study on Stephen Platt's *Imperial
Twilight***

PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

By

Name	Reg. no.
Ajina A.	2020AUE245
Ancy Niruba J.	2020AUE250
Dismila R.	2020AUE265
Reema Singh M.	2020AUE279
Ridhi F. Dayal	2020AUE283

Under the guidance of
Dr. Snow J. Sharmilla, M.A., M.Phil., Ph.D.



**PG & RESEARCH DEPARTMENT OF
ENGLISH HOLY CROSS COLLEGE
(AUTONOMOUS) NAGERCOIL
NOVEMBER 2022**


18/11/22
External Examiner

Dr. Snow J. Sharmilla, M.A., M.Phil., Ph.D.

Assistant Professor of English,

Holy Cross College (Autonomous),

Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report “Imperceptible Clouds: A Historical Study on Stephen Platt’s *Imperial Twilight*” submitted by Ajina A., Ancy Niruba J., Dismila R., Reema Singh M., Ridhi F. Dayal is a bonafide project work done during 2022 - 2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2022

Head of the Department



(Dr. Alby Grace)

Guide




Dr. Snow J. Sharmilla



DECLARATION


We hereby declare that this project report entitled "Imperceptible Clouts: A Historical Study on Stephen Platt's *Imperial Twilight*" is a bonafide record of work done by us under the guidance of Dr. Snow J. Sharmilla, M.A., M.Phil., Ph.D., Assistant Professor of English, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed basis for any award of Degree, Diploma or any other title.

Name	Reg. no.	Signature
Ajina A.	2020AUE245	
Ancy Niruba J.	2020AUE250	J. Ancy Niruba
Dismila R.	2020AUE265	R. Dismila
Reema Singh M.	2020AUE279	Reema Singh.
Ridhi F Dayal	2020AUE283	Ridhi F

Place: Nagercoil

Date: November 2022



 **Eco critical study of Amitav Ghosh's *The Hungry Tide***

PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

By

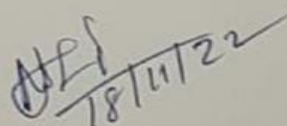
Name	Reg-no
Inigo Everest Rachel.S.E.B	2020AUE269
Sanya Mirza.F	2020AUE291
Sathya.S	2020AUE292
Therese Kaviya.K	2020AUE298
Yashlin Sahaya Jerina.S	2020AUE301

Under the guidance of

Ms. K.B. Steffi M.A., M.Phil., NET




PG & RESEARCH DEPARTMENT OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2022


External Examiner

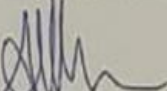
Ms. K.B. Steffi M.A., M.Phil., NET
Assistant Professor of English,
Holy Cross College (Autonomous),
Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report “  Eco critical study of Amitav Ghosh's *The Hungry Tide* ” submitted by Inigo Everest Rachel.S.E.B, Sanya Mirza.F, Sathya.S, Therese Kaviya.K, Yashlin Sahaya Jerina.S is a bonafide project work done during 2022 – 2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2022


Head of the Department

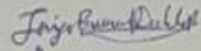
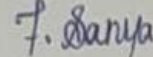
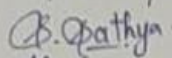
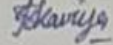
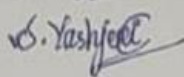
(Dr. Alby Grace)


Guide

Ms.K.B.Steffi

DECLARATION

We hereby declare that this project report entitled “ Eco critical study of Amitav Ghosh's *The Hungry Tide*” is a bonafide record of work done by us under the guidance of Ms.K.B.Steffi, Assistant Professor of English, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed basis for any award of Degree, Diploma or any other title.

Name	Reg-no	Signature
Inigo Everest Rachel.S.E.B	2020AUE269	
Sanya Mirza.F	2020AUE291	
Sathya.S	2020AUE292	
Therese Kaviya.K	2020AUE298	
Yashlin Sahaya Jerina.S	2020AUE301	

Place: Nagercoil

Date: November 2022

DEPARTMENT OF ENGLISH (S.F)

Racism as a Barrier, Gender as a Boundary and Collective Emotions in Conflict Situations: A Study of Celeste Ng's *Everything I Never Told You*.

PROJECT SUBMITTED TO

Holy Cross College (Autonomous) Nagercoil

[Manonmaniam Sundaranar University]

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

BACHELOR OF ARTS

Submitted by

NAME	REG. NO
1. AHANA BERLIN, P.M	2020SUE092
2. ASHNI LEU, J.F	2020SUE101
3. DHARSHINI, N	2020SUE292
4. LILLYJA LAXMI, K	2020SUE119
5. NEKHA, X	2020SUE130
6. SHIGNA, J	2020SUE140

Under the guidance

Ms. J. Alisha Josephine MA, MPhil., NET



Department of English (Self -Financed)
Holy Cross College (Autonomous) Nagercoil

November 2022

CERTIFICATE

This is to certify that the project entitled "Racism as a Barrier, Gender as a Boundary and Collective Emotions in Conflict Situations: A Study of Celeste Ng's *Everything I Never Told You*" Submitted by Ahana Berlin. P.M, Ashni Ieu. J.F, Dharshini. N, Lillyja Laxmi. K Nekha. X and Shigna. J is a research work done during 2022 under my supervision and guidance and that the project has not previously formed its basis for the award to the candidate of any degree, diploma, fellowship or any other similar title.

I also certify that this project represents complete independent work on the part of the candidates.

PLACE: Nagercoil

DATE: November 2022



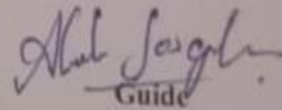
Head of the Department

(Ms. M. Maria Helen Janoba)

Department of English (S.F.)

Holy Cross College (Autonomous)

Nagercoil - 623 004.



(Ms. J. Alisha Josephine)

Paramountcy over Animals: An Analysis of Perumal Murugan's
Poonachi or the Story of a Black Goat
PROJECT SUBMITTED TO
Holy Cross College (Autonomous) Nagercoil
Affiliated To Manonmaniam Sundaranar University, Tirunelveli
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE AWARD OF THE DEGREE OF
BACHELOR OF ARTS

Submitted by

Arockia Jency. A	2020SUE098
Delsha. R	2020SUE107
Maria Enit. A	2020SUE120
Mishanu Rose Renisha. M	2020SUE127
Sahaya Aja. B	2020SUE137

Under the guidance of

Ms. J. ANUSHA SNOWLY M.A., NET



Department of English (Self-Financed)
Holy Cross College (Autonomous), Nagercoil
November 2022


CERTIFICATE

This is to certify that the project entitled **Paramountcy Over Animals: An analysis of Perumal Murugan's Poonachi or the Story of a Black Goat** submitted by Arockia Jeney. A, Delsha. R, Maria Enit. A, Mishanu Rose Renisha, M, Sahaya Aja. B of III B.A English Literature is a research work done during 2022 under my supervision and guidance and that the project report has not previously formed its basis for the award to the candidate of any degree, diploma, fellowship or any other similar title.

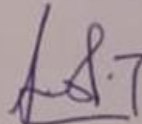
I also certify that this project represents complete independent work on the part of the candidates.

PLACE: Nagercoil

DATE: November 2022


Head of the Department

(Mrs. M. Maria Helen Jacoba)
Holy Cross College (Autonomous)
Nagercoil - 629 004.


Guide

(Ms. J. Anusha Snowly)

**Dark Days in the Beautiful Valley of Kashmir:
A Thematic Study of Shahnaz Bashir's *The Half Mother*
Project Report
Submitted to Holy Cross College (Autonomous)
in
Partial Fulfillment of the Requirements
for the Award of the Degree of
Bachelor of Arts**

By

Name	Reg No
Ajitha Mary. G.	2020SUE94
Babisha D.P	2020SUE103
Dhivya. J	2020SUE111
Maria Tina. J	2020SUE121
Nishanthini. R	2020SUE131
Renikha Lettish. R. T	2020SUE136
Viviana Jesuka J	2020SUE147

Under the guidance of

Dr. Jebamalar. E



**Department of English (Self-Financed)
Holy Cross College (Autonomous)
Nagercoil
November 2022**

Certificate

This is to certify that the project report entitled "Dark Days in the Beautiful Valley of Kashmir: A Thematic Study of Shahnaz Bashir's, *The Half Mother*" submitted by G. Ajitha Mary, D.P. Babisha, J. Dhivya, J. Maria Tina, R. Nishanthini, R.T. Renikha Lettish, J. Viviana Jesuka is a bonafide project work done during 2022 -2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any degree, diploma, associateship, fellowship or any other similar titles.

Place: Nagercoil

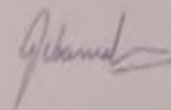
Date: November 2022

Head of the department

Guide



Dr. M. Miriam Helen (Jejoba)
Holy Cross College (Autonomous)
Nagercoil - 829 004.



(Dr. Jebamalar. E)

An Analysis on the Affected Demeanour of Girl in Chetan Bhagat's
One Arranged Marriage Murder
PROJECT SUBMITTED TO
Holy Cross College (Autonomous), Nagercoil
Affiliated To Manonmaniam Sundaranar University, Tirunelveli
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE AWARD OF THE DEGREE OF
BACHELOR OF ARTS

Submitted by

Ajina. J	2020SUE093
Asmi Reath. X	2020SUE102
Dharsi.J	2020SUE110
Mini Abisha. A	2020SUE126
Shivani. D.P	2020SUE141
Abisha. M	2020SUE442

Under the guidance of

Ms. ASHELISHMA ROSHIBA.R MA, MPhil., DJMC



Department of English (Self-Financed)
Holy Cross College (Autonomous), Nagercoil
November 2022

CERTIFICATE

This is to certify that the project report entitled "An Analysis on the Affected Demeanour of a Girl in Chetan Bhagat's *One Arranged Marriage Murder*." Submitted by Ajina. J, Asmi Reath. X, Dharsi. J, Mini Abisha. A, Shivani. D.P, Abisha. M is a bonafide research work done during 2022-2023 under my supervision and guidance and that the project has not previously formed the basis for the award to the candidate of any Degree, Diploma, Fellowship, or any other similar title.

I also certify that this project represents complete independent work on the part of the candidates.

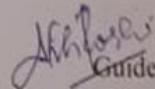
Place: Nagercoil

Date: November 2022



Head of the Department

Department of English (S.E.)
Mrs. Maria Helen Janoba
Holy Cross College (Autonomous)
Nagercoil - 629 331



Ms. Ashelishma Roshiba.R

DEPARTMENT OF TAMIL

“கு.அழகிரிசாமியின் சிறுகதைகளில்
குழந்தை உளவியல்”

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக இளங்கலை
பட்டத்திற்காக அளிக்கப்படும் திட்ட ஏடு

கட்டுரையாளர்கள்

பதிவு எண்

மு. தூர்கா தேவி

2020SUT004

இ. சக்தி

2020SUT132

அ. மரிய அபிஷா

2020SUT158

வெ. முத்து சுபா

2020SUT162

மேற்பார்வையாளர்

முனைவர் ம. மேபல் எடல் குயின்



தமிழ்த்துறை

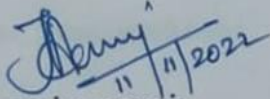
திருச்சிலுவை கல்லூரி (தன்னாட்சி)

நாகர்கோவில் - 629 004

நவம்பர் - 2022

மேற்பார்வையாளர் சான்றிதழ்

“கு.அழகிரி சாமியின் சிறுகதைகளில் குழந்தை உளவியல்” என்னும் தலைப்பில் அமைந்த இத்திட்ட ஏடு மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக இளங்கலை பட்டப்படிப்பிற்காகத் திருச்சிலுவைகல்லூரி, நாகர்கோவில் தமிழ்த் துறையில் பயிலும் முன்றாம் ஆண்டு மாணவிகள், மு.துர்கா தேவி, இ.சக்தி, அ.மரிய அபிஷா, வெ முத்து சுபா ஆகியோர் குழுவாகச் செய்யப்பட்ட ஆய்வினால் உருவானது எனச் சான்று அளிக்கிறேன்.



11/11/2022
துறைத்தலைவர்


மேற்பார்வையாளர்

முனைவர் சி.ஆன்சி மோள்
MA., M.Phil., B.Ed., Ph.D., SET

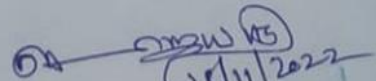
முனைவர் ம. மேபல் எடல் குயின்
MA., M.Phil., Ph.D., NET, SET.

Dr. S. Ancy Mole
Head of the Department of Tamil (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004


அகநதிப்பட்டாளர்

இடம் : நாகர்கோவில்

நாள் 11 : 11. 2022


11/11/2022

புறமதிப்பட்டாளர் எம்.பி.சி. பி.சி.டி.
முதுகலைத்தமிழ்த்துறைத்தலைவர்
இலக்குமிபுரம் கலை மற்றும் அறிவியல் கல்லூரி,
நெய்யூர் - 629 802.

ஜெய்பீம் படத்தில் ஓடுக்கப்பட்ட மக்களின்

வாழ்வியல்-ஓர் சமூகப் பார்வை

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகத்தின் இளங்கலை (பி.ஏ)

பட்டத்திற்காக அளிக்கப்படும் திட்ட ஏடு.

(2022-2023)

திட்டக்குழுவினர்

கட்டுரையாளர்கள்	பதிவு எண்
அ.அன்ஷியா மேரி	191162
ஜே.சரண்யா	2020SUT066
ப.மரிய பெளர்ணா	202SUT159
பெ.கேத்தரின் லூசி	2020SUT293

மேற்பார்வையாளர்

முனைவர் ம. ஜாஸ்மின் வினோஜா எம்.ஏ.பி.எட்,எம்.பில்,நெட்,பி.எச்.டி



தமிழ்த்துறை

திருச்சிலுவை கல்லூரி (தன்னாட்சி)

நாகர்கோவில்

நாகர்கோவில்

11-11-2022

முனைவர் ம. ஜாஸ்மின் வினோஜா எம்.ஏ,பி.எட்,எம்.பில்,நெட்,பி.எச்.டி

நாகர்கோவில்,

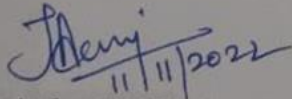
தமிழ்த்துறை (சுயநிதி),

திருச்சிலுவை கல்லூரி,

நாகர்கோவில்.

(மேற்பார்வையாளர் சான்றிதழ்)

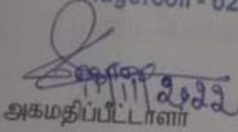
“ஜெய்பீம் படத்தில் ஒடுக்கப்பட்ட மக்களின் வாழ்வியல் - ஓர் சமூகப் பார்வை” என்னும் தலைப்பில் கட்டுரையாளர்கள் அ.அன்ஷியா மேரி, ஜே.சரண்யா, ப.மரிய பெளர்ணா, பெ.கேத்தரின் லாசி ஆகியோர் செய்துள்ள இவ்வாய்வு மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக இளங்கலை (பி.ஏ) பட்டத்திற்காக நாகர்கோவில் திருச்சிலுவை கல்லூரியில் பயின்ற போது தன்னிலையாகச் செய்யப்பெற்றது என்றும் இவ்வாய்விற்காக ஆய்வாளர்களுக்கு வேறு எந்த பட்டமும் இதுவரை அளிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.



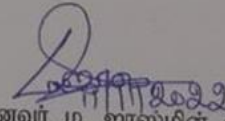
முனைவர் சி. ஆன்சிமோள்

(தமிழ்த்துறைத் தலைவர், சுயநிதி)

Dr. S. Ancy Mole
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Nagercoil - 629 004

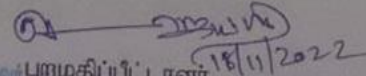


அகமதிப்பீட்டாளர்



முனைவர் ம. ஜாஸ்மின் வினோஜா

(மேற்பார்வையாளர்)



முனைவர் ம. ஜாஸ்மின் வினோஜா
முதுகலைத் தமிழ்த்துறைத் தலைவர்
இலக்குடிபுரம் கலை மற்றும் அறிவியல் கல்லூரி,
நெய்ப்பூர் - 629 802.

கைவினைத் தொழிலும் பெண்களின் வாழ்க்கை
நிலையும்

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகத்தின் இளங்கலை (பி.ஏ)
பட்டத்திற்காக அளிக்கப்படும் திட்ட ஏடு

திட்டக்குழுவினர்

து. ஆஷிகா	-	2020SUTI52
ஜா. ஜா.பிணி ரோஸ்	-	2020SUTI54
அ. லிபிஷா	-	2020SUTI57
சி. த. சகி	-	2020SUTI63

மேற்பார்வையாளர்
முனைவர் சா. டெய்சிபாய்



தமிழ்த்துறை (சுயநிதி)
திருச்சிலுவை கல்லூரி
நாகர்கோவில்
நவம்பர் - 2022

இளங்கலை மூன்றாம் ஆண்டு மாணவிகள்,

நாகர்கோவில்,

தமிழ்த்துறை (சுயநிதி),

11.11.2022

திருச்சிலுவை கல்லூரி,

நாகர்கோவில்.

கட்டுரையாளர்கள் உறுதிமொழி

“கைவினைத் தொழிலும் பெண்களின் வாழ்க்கை நிலையும்” என்னும் தலைப்பில் மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக பி.ஏ. பட்டத்திற்காக எழுதப்பட்ட இத்திட்ட ஏடு எங்களுடைய சொந்த முயற்சியில் உருவானது ஆகும். இந்தத் திட்ட ஏடு இதற்கு முன் வேறு எந்த ஆராய்ச்சிப்பட்டத்திற்கும் அளிக்கப்படவில்லை என்றும் உறுதியளிக்கிறோம்.

கட்டுரையாளர்கள்

து. ஆஷிகா

து. ஆஷிகா

ஜா. ஜா.:பினி ரோஸ்

ஜா. ஜா.:பினி ரோஸ்

அ. லிபிஷா

அ. லிபிஷா

சி. த. சகி

சி. த. சகி

மேற்பார்வையாளர்

(முனைவர் சா. டெய்சி பாய்)

மூன்றாம் பாலினத்தவர்கள் சமூகத்தில்
எதிர்கொள்ளும் சவால்கள்

(2022 - 2023)

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக
இளங்கலை பாடத்திற்காக அளிக்கப்படும்
திட்ட ஏடு

கட்டுரையாளர்கள்

பதிவு எண்

வி.ரா.அபிநயா

2020SUT148

ரா.அக்வினா நனிஷா

2020SUT150

அ.ஆரோக்கிய நேன்ஸி

2020SUT151

அ.மிக்கேல் ஜெமினா

2020SUT161



தமிழ்த் துறை (சுயநிதி பிரிவு)

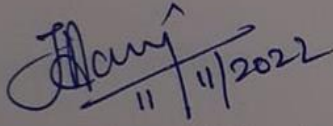
திருச்சிலுவை கல்லூரி

நாகர்கோவில் - 4

மேற்பார்வையாளர் சான்றிதழ்

- மூன்றாம் பாலினத்தவர்கள் சமூகத்தில் எதிர்கொள்ளும் சவால்கள் -
என்னும் தலைப்பில் அமைந்த இத்திட்ட ஏடு மனோன்மணியம் சுந்தரனார்
பல்கலைக்கழக இளங்கலை பட்டப்படிப்பிற்காக திருச்சிலுவை கல்லூரி
தமிழ்த்துறையில் பயிலும் மூன்றாமாண்டு மாணவிகள் விரா.அபிநயா,
ரா.அக்வினா நனிஷா, அ.ஆரோக்கிய நேன்ஸி, அ.மிக்கேல் ஜெமினா ஆகியோரால்
குழுவாக செய்யப்பட்டது என சான்று அளிக்கிறோம்.

துறைத்தலைவர்


11/11/2022

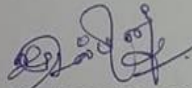
முனைவர். சி. ஆன்சிமோள்,

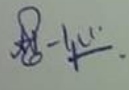
எம்.ஏ, எம்.பில், பி.எட், பி.எச்.டி.


Dr. S. Ancy Mole
Head of the Department of Tamil (S.F)
Holy Cross College (Autonomous)
Nagercoil - 629 004

நாள்: 11/11/2022

கூடம்: நாகர்கோவில்


மேற்பார்வையாளர்
முனைவர் அ. ருடல்பின்
உதவிப் பேராசிரியர்
தமிழ்த்துறை (சுயநிதி)

அகமதிப்பீட்டாளர்
முனைவர் அ. ருடல்பின் 


11/11/2022
புறமதிப்பீட்டாளர்

முனைவர் கு.ச. ஜெயசூரி, எம்.ஏ. எம்.பில், பி.எச்.டி.
முதுகலைத்தமிழ்த்துறைத்தலைவர்
இலக்குமிபுரம் கலை மற்றும் அறிவியல் கல்லூரி,
நெய்யூர் - 629 802.

DEPARTMENT OF HISTORY

கன்னியாகுமரியில் சமய வாழ்வும் வரலாறும்

திருச்சிலுவைக் கல்லூரிக்கு

இளங்கலை வரலாறு

பாடத்திற்காக சமர்ப்பிக்கப்படும் ஆய்வேடு

ஆய்வாளர்கள்

க. சிக்மா	-	2020AUH383
கா. தாஹிரா ஷரின்	-	2020AUH385
கு. அபிநயா	-	2020AUH501
டெ. மரிய சகாய அனிஷா	-	2020AUH502
சி.பிரதீஷா	-	2020AUH503

நெறியாளர்

முனைவர் க. ச. செளமியா



வரலாற்றுத் துறை

திருச்சிலுவைக் கல்லூரி

நாகர்கோவில் - 629004

நவம்பர் - 2022

கன்னியாகுமரியில் சமய வாழ்வும் வரலாறும்

திருச்சிலுவைக் கல்லூரிக்கு

இளங்கலை வரலாறு

பாடத்திற்காக சமர்ப்பிக்கப்படும் ஆய்வேடு

ஆய்வாளர்கள்

க. சிக்மா	-	2020AUH383
கா. தாஹிரா ஷரின்	-	2020AUH385
கு. அபிநயா	-	2020AUH501
டெ. மரிய சகாய அனிஷா	-	2020AUH502
சி.பிரதீஷா	-	2020AUH503

நெறியாளர்

முனைவர் க. ச. சௌமியா



வரலாற்றுத் துறை

திருச்சிலுவைக் கல்லூரி

நாகர்கோவில் - 629004

நவம்பர் - 2022

ஆய்வாளர் உறுதி மொழி:

திருச்சிலுவை கல்லூரியில் மூன்றாமாண்டு இளங்கலை வரலாறு பயிலும் க. சிக்மா கா.தாஹிரா ஷரின் கு. அபிநயா டெ. மரிய சகாய அனிஷா டி. பிரதீஷா ஆகிய மூன்றாமாண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு, இளங்கலை வரலாறு பட்டத்திற்காக கன்னியாகுமரியில் சமய வாழ்வும் வரலாறும் என்னும் தலைப்பில் வரலாற்றுத் தயாரை உதவிப் பேராசிரியை முனைவர் க.ச.சௌமியா அவர்களின் வழிகாட்டுதலின் படி, எங்களது சொந்த முயற்சியில் உருவானது என்றும், இவ்வாய்வேடு இதற்கு முன் வேறு எந்த ஆராய்ச்சிப் பட்டத்திற்கும் சமர்ப்பிக்கப்படவில்லை என்றும் உறுதி அளிக்கிறோம்

இடம்: நாகர்கோவில்
நாள் :16.11.2022

இவண்

ஆய்வாளர்கள்

க.சிக்மா

கா. தாஹிரா ஷரின்

கு.அபிநயா

டெ.மரிய சகாய அனிஷா

டி பிரதீஷா

பதிவெண்

2020AUH383

2020AUH385

2020AUH501

2020AUH502

2020AUH503

கையொப்பம்

க. சிக்மா .

கா.தாஹிரா ஷரின்

கு.அபிநயா

டெ.மரிய சகாய அனிஷா

டி. பிரதீஷா

உறுதிக் கையொப்பம்

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கன்னியாகுமரி மாவட்டத்திலுள்ள கற்றுலா தலங்கள்

ஓர் வரலாற்றுப்பார்வை

திருச்சிலுவைக் கல்லூரி

இளங்கலை வரலாறு

மட்டத்திற்காக சமர்ப்பிக்கப்படும் ஆய்வேடு

ஆய்வாளர்கள்

எ. பிரான்சினா	2020AUH205
ஐா. ஜெரின்	2020AUH206
எம். சுதிஜா முஹம்மது	2020AUH209
ஸி. லிபீஷா ஜானு	2020AUH210
ஸி. லிபீயா ஜானு	2020AUH211

நெறியாளர்

முனைவர். கே.எஸ்.சௌமியா



வரலாற்றுத் துறை

திருச்சிலுவைக் கல்லூரி

நாகர்கோவில் - 629004

நவம்பர் - 2022

ஆய்வாளர் உறுதிப்பாடு

திருச்சிலுவைக் கல்லூரியில் மூன்றாமாண்டு இளங்கலை வரலாறு பட்டிலும் எ. பிரான்சிணா, ஜா. ஜெரின், எம். கதிஜா முஹம்மீனா, லி. லிபிஷா ஷானா, லி. லிபியா ஷானா ஆகிய மூன்றாம் ஆண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு இளங்கலை வரலாறு பட்டத்திற்கு கன்னியாகுமரி மாவட்டத்திலுள்ள சுற்றுலா தலங்கள் ஓர் வரலாற்றுப்பார்வை என்ற தலைப்பில் வரலாற்றுத்துறை உதவிப்பேராசிரியை முனைவர். செளரியா அளர்கனின் வழிகாட்டுதலின்படி எங்களது சொந்த முயற்சியில் உருவானது என்றும் இவ்வாய்வேடு இதற்கு முன் வேறு எந்த ஆராய்ச்சிப்பட்டத்திற்கும் சமர்ப்பிக்கப்பட்டவில்லை என்றும் உறுதி அளிக்கிறோம்.

இடம்: நாகர்கோவில்

நாள்: 16.11.2022

ஆய்வாளர்கள்	பதினெண்	கையொப்பம்
எ. பிரான்சிணா	2020AUH205	எ. பிரான்சிணா
ஜா. ஜெரின்	2020AUH206	ஜா. ஜெரின்
எம். கதிஜா முஹம்மீனா	2020AUH209	எம். கதிஜா முஹம்மீனா
லி. லிபிஷா ஷானா	2020AUH210	லி. லிபிஷா ஷானா
லி. லிபியா ஷானா	2020AUH211	லி. லிபியா ஷானா

உறுதி கையொப்பம்
 16/11/2022
 துறைத் தலைவர்

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DEPARTMENT OF ECONOMICS

**AN ECONOMIC STUDY OF ENTREPRENEURS WITH SPECIAL
REFERENCE TO SMALL ENTERPRISES IN NAGERCOIL**

*A project report submitted to
Holy Cross College (Autonomous) Nagercoil
Affiliated to Mononmiam Sundaranar University
In partial fulfillment of the requirements of the degree of*

BACHELOR OF ARTS

Under the guidance of

Dr.S.JENI SANJANA M.A., M.Phil., M.B.A H.D.C.A., Ph.D

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SUJITHA.S	2020AUF238
SOWMIYA.T	2020AUF505



**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL – 629004


2022-2023

CERTIFICATE

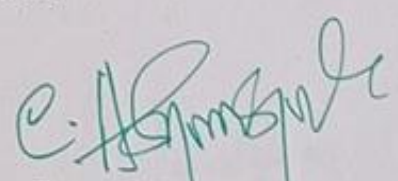
I Hereby certify that the project report "AN ECONOMIC STUDY OF ENTREPRENUERES WITH SPECIAL REFERENCE TO SMALL ENTERPRISES IN NAGERCOIL" submitted by Indhu.M,Sahaya Shanu Rich.X, Suguna.K,Sujitha.S Sowmiya.T to Holy Cross College, Nagercoil (Autonomous) affiliated to Manonmaniam Sundaranar University for the III year Under gradurate study is a bonafide record of research work done by them under my supervision during 2022-2023. It has never been submitted for the award any other similar title. The report represents entirely an independent original of candidates.

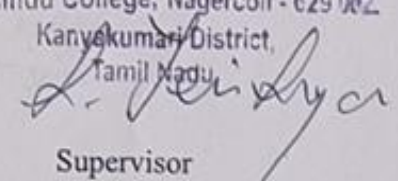
Place: Nagercoil

Date: 16/11/2022


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Head of the Department
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**AN ECONOMIC STUDY ON THE HEALTH EXPENDITURE
OF WORKERS IN PLASTIC RECYCLING INDUSTRY IN
VALLANKUMARANVILAI**

*A project report submitted to
Holy Cross College (Autonomous) Nagercoil
Affiliated to Manonmaniam Sundaranar University
In partial fulfillment of the requirements of the degree of*

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*Under the guidance of
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**DEPARTMENT OF ECONOMICS
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2022-2023

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I hereby certify that the project report "AN ECONOMIC STUDY ON THE HEALTH EXPENDITURE OF WORKERS IN PLASTIC RECYCLING INDUSTRY IN VALLANKUMARANVILAI" submitted by Abisha .N.S, Anu .A, Anusha .S, Asha .Y, Alin Malya Rashmi .G to Holy Cross College, Nagercoil (Autonomous) affiliated to Manonmaniam Sundaranar University for the III year Under Graduate study is a bonafide record of research work done by them under my supervision during 2022-2023. It has never been submitted for the award any other similar title. The report represents entirely an independent original of candidates.

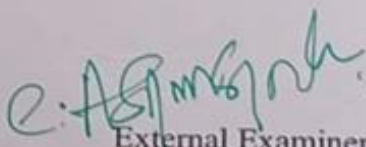
Place: Nagercoil

Date: 16.11.2022


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**ECONOMIC FACTORS OF HAPPINESS AMONG
WORKING WOMEN IN NAGERCOIL**

*A project report submitted to
Holy Cross College (Autonomous) Nagercoil
Affiliated to Manonmaniam Sundaranar University
in partial fulfillment of the requirements of the degree of*

BACHELOR OF ARTS

Under the guidance of

Dr. S. VIMAL DOLLI, M.A., M.Phil., Ph.D

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**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
2022-2023**

DECLARATION

We hereby declare that the project work done on "A Study on Economic Factors of Happiness Among Working Women in Nagercoil" is original work done by our team.

We hereby declare that the facts are genuine and are not based on any research project.

Place: Nagercoil

Date: 16-11-2022

M. PACKIA LAKSHMI M. Packia L

R. ANTONY PRINCY R. Antony pr

M. SUSHMA Sushma.M.

S. BUVANESHWARI S. Buvanesh

S. SHINY PRIYADHARSHINI S. Shiny

A STUDY ON SOCIO ECONOMIC CONDITIONS OF SANITARY WORKERS IN
NAGERCOIL CORPORATION OF KANYAKUMARI DISTRICT

A project report submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Manonmaniam Sundaranar University in partial fulfillment of the requirements
of the degree of

BACHELOR OF ARTS

Under the guidance of

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DEPARTMENT OF ECONOMICS

HOLY CROSS COLLEGE (AUTONOMOUS),

NAGERCOIL-629004

2022-2023

CERTIFICATE

I, hereby certify that the field work report entitled "SOCIO ECONOMIC CONDITIONS OF SANITARY WORKERS IN NAGERCOIL CORPORATION OF KANYAKUMARI DISTRICT", submitted by S.Sweetlin Jaffy, R.Taruna, Y.Angela Mercy, J.S.Metha, P.Shanmuga Priya to Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University for the third year undergraduate study is a bonafide record of research work done by them under my supervision during 2022-2023. It has never been submitted for the award of any other similar titles. The report represented entirely an independent and original work of the candidates.

Place : Nagercoil

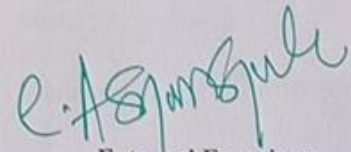
Date: 16-11-2022


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**AN ECONOMIC STUDY OF CONSUMER PREFERENCE TOWARDS
AYURVEDIC PRODUCTS IN NAGERCOIL**

*A project report submitted to
Holy Cross College (Autonomous) Nagercoil
Affiliated to Manonmaniam Sundaranar University
In partial fulfillment of the requirements of the degree of*

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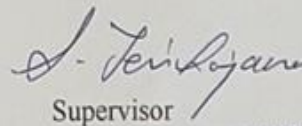
**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
2022-2023**

CERTIFICATE

I hereby certify that the project report "AN ECONOMIC STUDY OF CONSUMER PREFERENCE TOWARDS AYURVEDIC PRODUCTS IN NAGERCOIL" submitted by D. Mary Snega, V. Herona, B.J. Jona Heshani, B. Kavitha, A. Keerthika to Holy Cross College, Nagercoil (Autonomous) affiliated to Manonmaniam Sundaranar University for the III year Under graduate study is a bonafide record of research work done by them under my supervision during 2022-2023. It has never been submitted for the award any other similar title. The report represents entirely an independent original of candidates.

Place: Nagercoil

Date: 16/11/2022

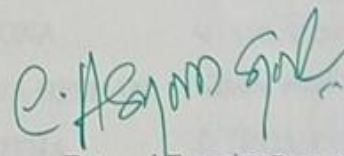


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DEPARTMENT OF COMMERCE

**AN ECONOMIC STUDY OF ENTREPRENEURS WITH SPECIAL
REFERENCE TO SMALL ENTERPRISES IN NAGERCOIL**

A project report submitted to

Holy Cross College (Autonomous) Nagercoil

Affiliated to Mononmianam Sundaranar University

In partial fulfillment of the requirements of the degree of

BACHELOR OF ARTS

Under the guidance of

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SOWMIYA.T	2020AUF505



**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL – 629004

2022-2023

**A COMPARATIVE STUDY ON CONSUMER
SATISFACTION TOWARDS AIRTEL AND BSNL IN
NAGERCOIL CITY CORPORATION.**

*Project report submitted to Holy Cross College (Autonomous) affiliated
to Manonmaniam Sundaranar University in partial fulfillment of the
requirement for the award of the degree of*

BACHELOR OF COMMERCE

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SUBHASHINI.B	2020AUA356
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Under the guidance of

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**Department of Commerce
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL – 629004
OCTOBER 2022**



Dr. S. MARY PEARLY SUMATHI, M.Com.,B.Ed., M.Phil., Ph.D.

Assistant Professor in Commerce

Department of Commerce

Holy Cross College (Autonomous)

Nagercoil – 629004

CERTIFICATE

This is to certify that the project report entitled “**A COMPARITIVE STUDY ON CONSUMER SATISFACTION TOWARDS AIRTEL AND BSNL IN NAGERCOIL CITY CORPORATION** ” is a bonafide of work done by **ANTONY CABRINA.J, JASMINE.P, SREE LAKSHMI .S.B, SUBHASHINI .B, NAMBI NATCHIYAR .P** under my supervision and guidance and submitted in partial fulfillment of the requirement of the degree of Bachelor of Commerce. It has not been submitted for the award of any other similar title.

Place: Nagercoil

Date: 16-11-2022



Supervisor


Head of the Department
Examiner
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ASSOCIATE PROFESSOR
HEAD OF THE DEPARTMENT
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External Examiner



A STUDY ON CUSTOMER ATTITUDE TOWARDS SANITARY NAPKINS IN NAGERCOIL

*Project report Submitted to
HOLY CROSS COLLEGE (AUTONOMOUS), Nagercoil
Affiliated to Manonmaniam Sundaranar University, Tirunelveli
in partial fulfilment of the requirements for the award of the degree of*

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Submitted By

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LINCY LARA. G	2020AUA335
MUTHUMARI VARSHA. S	2020AUA341
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Under the guidance of
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NOVEMBER-2022**



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Assistant Professor,

Department of Commerce,

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Nagercoil - 629 004.

CERTIFICATE

This is to certify that the project entitled, "A STUDY ON CUSTOMER ATTITUDE TOWARDS SANITARY NAPKINS" is a bonafide record of work done by S. ANGALIN LIDIA, V. EVANJALIN VINCY, G. LINCY LARA, S. MUTHUMARI VARSHA, J. SELVI under my supervision and guidance and submitted in partial fulfilment of the requirements for the degree of Bachelor in Commerce. It has not formed the basis of the award of any degree, diploma, or any other similar titles.

Place: Nagercoil

Date: 16-11-2022

C. Braba
SUPERVISOR

M. Mary Helen Stella
HEAD OF THE DEPARTMENT

Dr. M. MARY HELEN STELLA
ASSOCIATE PROFESSOR
HEAD OF THE DEPARTMENT
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HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004.

Kew
EXTERNAL EXAMINER



**A STUDY ON CONSUMER PERCEPTION AND AWARENESS TOWARDS
ECO-FRIENDLY PRODUCTS IN NAGERCOIL**

**A Study Report Submitted to
Holy Cross College (Autonomous), Nagercoil**

in partial fulfillment of the requirement

for the award of the degree of

BACHELOR OF COMMERCE

Submitted by

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2020AUA321	S. DELPHIN
2020AUA332	V. KARTHIKA
2020AUA334	J. KENISHA
2020AUA349	X. SAHAYA RENISHA

Under the Guidance of

Dr. G. SAHAYA SHINY, M.com., M.Phil., Ph.D.



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629004

OCTOBER – 2022



Dr. G. SAHAYA SHINY, M.Com., M.Phil., Ph.D.

Assistant Professor of Commerce,

Holy Cross College (Autonomous),

Nagercoil-629004.

CERTIFICATE

This is to certify that the project work entitled 'A STUDY ON CONSUMER PERCEPTION AND AWARENESS TOWARDS ECO-FRIENDLY PRODUCTS IN NAGERCOIL' is a bonafide record of work done by A. AKSHAYA VARSHA, S. DELPHIN, V. KARTHIKA, J. KENISHA, X. SAHAYA RENISHA under my supervision and guidance and submitted in partial fulfillment of the requirement for the Degree of Bachelor of Commerce. It has not formed the basis for the award of any degree, diploma, or any other similar title.

Place: Nagercoil

Date: 16.11.2022

G. Sahaya Shiny.
SUPERVISOR

H. Mary Helen Stella
HEAD OF THE DEPARTMENT

H. Mary Helen Stella
18/11/2022
EXTERNAL EXAMINER



**A STUDY ON PROSPECTS AND CHALLENGES FACED BY
WOMEN ENTREPRENEURS IN NAGERCOIL TOWN**

Submitted to

Holy Cross College (Autonomous), Nagercoil

In partial fulfillment of the requirement

for the award of the degree of

BACHELOR OF COMMERCE

Submitted by

Name	Reg. No
P. Anisha	2020AUA310
S. Fathima Thaleela	2020AUA324
G. Margret Deyoni	2020AUA337
M. Renitta	2020AUA344
W. Sengole Kodi Arasi	2020AUA394

Under the guidance of

Dr. M. MARY HELEN STELLA, M.Com. M.Phil., B.Ed., Ph.D.



DEPARTMENT OF COMMERCE

HOLYCROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629004

OCTOBER – 2022

Dr. M. MARY HELEN STELLA, M.Com., M.Phil., B.Ed., Ph.D.
Head and Associate Professor in Commerce,
Holy Cross College,
Nagercoil - 629004

CERTIFICATE

This is to certify that the project report entitled "A STUDY ON PROSPECTS AND CHALLENGES FACED BY WOMEN ENTREPRENEURS IN NAGERCOIL TOWN" is a bonafide record of work done by **P. ANISHA, S. FATHIMA THALEELA, G. MARGRET DEYONI, M. RENITTA, W. SENGOLE KODI ARASI** under my supervision and guidance is submitted in partial fulfilment of the requirement for the degree of BACHELOR OF COMMERCE. This project work is original and not submitted earlier for the award of any degree, diploma or any other similar title.

Place: Nagercoil

Date: 16.11.2022

M. Mary Helen Stella
SUPERVISOR 16/11/2022

M. Mary Helen Stella
Head of the Department
M. MARY HELEN STELLA
ASSOCIATE PROFESSOR
HEAD OF THE DEPARTMENT
DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004.

A. Kew
18/11/2022
External Examiner



**A STUDY ON PERCEPTION OF STAKEHOLDERS TOWARDS
IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING (ERP) IN HOLY
CROSS COLLEGE (AUTONOMOUS), NAGERCOIL**

Submitted to

Holy Cross College (Autonomous), Nagercoil

In partial fulfilment of the requirements

for the award of the degree of

BACHELOR OF COMMERCE

By

ANUSREE. M	2020AUA316
JENISHA .J	2020AUA328
RAHMAN SHAFANA.S. H	2020AUA343
THASNEEM ZEENATH. A	2020AUA360
UMAVENI. N. V	2020AUA361

Under the guidance of

Dr. M. Mary Helen Stella, M. Com., M. Phil., B. Ed., Ph.D.



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL – 629004

October 2022



Dr. M. MARY HELEN STELLA, M. Com., M. Phil., B. Ed., Ph.D.
Head and Associate Professor in Commerce,
Holy Cross College (Autonomous),
Nagercoil – 629004.

CERTIFICATE

This is to certify that the project report entitled “**A STUDY ON PERCEPTION OF STAKEHOLDERS TOWARDS IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING (ERP) IN HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL**” is a bonafide record of work done by Anusree. M, Jenisha. J, Rahman Shafana. S. H, ThasneemZeenath. A, Umaveni. N. V under my supervision and guidance and submitted in partial fulfilment of the requirements of the degree of Bachelor of Commerce. It has not formed the basis for the award of any degree, diploma, or any other similar title.

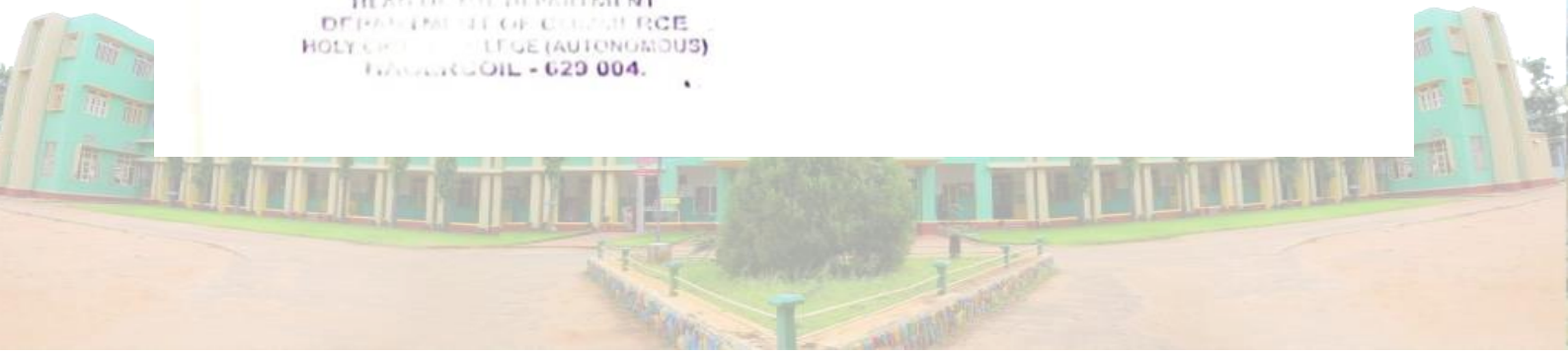
Place: Nagercoil

Date: 16.11.2022

H. Mary Helen Stella
Supervisor
16/11/2022

H. Mary Helen Stella
Head of the department
Dr. M. MARY HELEN STELLA
ASSOCIATE PROFESSOR
HEAD OF THE DEPARTMENT
DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004.

A. Keen
External Examiner
18/11/2022



DEPARTMENT OF COMMERCE (S.F-I)

**A STUDY ON IMPACT OF SMARTPHONE
AMONG COLLEGE STUDENTS - DURING COVID-19**

Submitted to

Holy Cross College (Autonomous), Nagercoil,

In partial fulfillment of the requirement for the award of degree of

BACHELOR OF COMMERCE

Submitted by

ABINASHA BARVEEN.A	2020SUA164
ABINAYA.J	2020SUA165
ABINAYA.K	2020SUA166
AKSHAYA.U	2020SUA170
ASHA.K	2020SUA176

Under the Guidance of

Mrs. S. Jameela M. Com, M.Phil.



DEPARTMENT OF COMMERCE SELF FINANCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-629004.

November – 2022

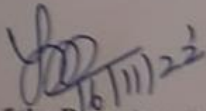
Mrs. S. Jameela, M.Com., M. Phil.
Assistant Professor of Commerce,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil-629004.

CERTIFICATE

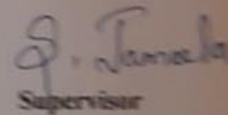
This is to certify that the project work entitled "A STUDY ON IMPACT OF SMARTPHONE AMONG COLLEGE STUDENTS - DURING COVID-19." is a bonafide record of the work done by ABINASHA BARVEENA, ABINAYA.J, ABINAYAK, AKSHAYA.U, ASHA.K under my supervision and guidance and submitted in partial fulfillment of the requirement for the degree of Bachelor of Commerce. It has not been submitted for the award of any degree, diploma, or any similar title.

Place: Nagercoil

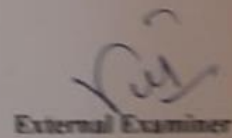
Date: 16.11.22



Head of the Department



Supervisor



External Examiner

Dr. R. Evalin Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

**A STUDY ON CUSTOMER SATISFACTION TOWARDS THE
SUPERMARKETS IN NAGERCOIL TOWN**

Submitted to

Holy Cross College (Autonomous), Nagercoil

In partial fulfilment of the requirements

for the award of the degree of

BACHELOR OF COMMERCE

By

ABISHA. D	2020SUA167
AFEESHA. A	2020SUA168
ANBU MALAR. J	2020SUA172
ARUL ROOSHIKA. K	2020SUA174
ASHIKA. A	2020SUA177

Under the guidance of

Dr.R. EVALIN LATHA, M.Com. M.Phil. Ph.D.,



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL – 629004
NOVEMBER-2022**

Dr.R. EVALIN LATHA, M.Com. M.Phil. Ph.D.,

Head and Assistant Professor in Commerce,

Holy Cross College (Autonomous),

Nagercoil – 629004.

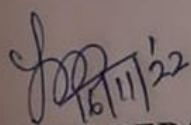
CERTIFICATE

This is to certify that the project report entitled “A STUDY ON CUSTOMER SATISFACTION TOWARDS THE SUPERMARKETS IN NAGERCOIL TOWN ” is a bonafide record of work done by **Abisha. D, Afeesha. A, Anbu Malar. J, Arul Rooshika. K, Ashika. A** under my supervision and guidance and submitted in partial fulfilment of the requirements of the degree of Bachelor of Commerce. It has not formed the basis for the award of any degree, diploma, or any other similar title.

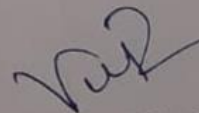
Place: Nagercoil

Date: 16.11.2022


16/11/22
SUPERVISOR


16/11/22
HEAD OF THE DEPARTMENT

Dr. R. Evalin Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004


EXTERNAL EXAMINER

Dr.Ms. S. MERLIN VISTA, M.Com., M.Phil., MBA., NET., SET,
Assistant Professor,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil – 629004

CERTIFICATE

This is to certify that the project work entitled “A STUDY ON CUSTOMER PREFERENCE AND SATISFACTION TOWARDS MAMAEARTH BEAUTY PRODUCTS IN NAGERCOIL” is a bonafide record of research work done by RENISHA. B, SHYAMILU. R.S, SMITHA RACHEL. A, and TOFIYA. A under my supervision and guidance and in Partial fulfillment of the requirement for the degree of BACHELOR OF COMMERCE. It has not been submitted for the award of any degree, diploma, or any similar title.

Place: Nagercoil

Date: 16/11/22,

S. Merlin Vista
Supervisor

[Signature]
Head of the department

[Signature]
External Examiner

Dr. R. Evalin Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

**A STUDY ON CUSTOMER'S SATISFACTION TOWARDS
E-COMMERCE IN NAGERCOIL**

Submitted to

Holy Cross College (Autonomous), Nagercoil

In partial fulfillment of the requirement

for the award of the degree of

BACHELOR OF COMMERCE

Submitted by

Name	Reg. No
I.Thasleema	2020SUA223
B.Uma lakshmi	2020SUA225
G.Vigneswari	2020SUA226
S.Vinish Varsha	2020SUA227

Under the guidance of

Dr. C.K. Sunitha , M.Com, M.Phil. HDCM, HDCA, Ph.D.



**DEPARTMENT OF COMMERCE
HOLYCROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL – 629004

NOVEMBER – 2022

Dr.K. Sunitha, M.Com, M.Phil.HDCM,HDCA,Ph.D.
Assistant Professor,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil-629 004

CERTIFICATE

This is to certify that, the project entitled "A STUDY ON CUSTOMER'S SATISFACTION TOWARDS E-COMMERCE IN NAGERCOIL" is a bonafide record of work done by THASLEEMA.I, UMALAKSHMI.B, VIGNESWARI.G, VINISH VARSHA.S under my supervision and guidance and submitted in partial fulfilment of the requirements of the degree of BACHELOR OF COMMERCE. It has been not been submitted for the award of any degree, diploma, associateship or fellowship of any university or Institution.

Place : Nagercoil

Date : 16-11-2022

C.K. Sunitha
SUPERVISOR

[Signature]
HEAD OF THE DEPARTMENT

[Signature]
EXTERNAL EXAMINER

Dr. R. Evelyn Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

DECLARATION

We hereby declare that the project work entitled "A STUDY ON CUSTOMER'S SATISFACTION TOWARDS E-COMMERCE IN NAGERCOIL" submitted by THASLEEMA.I, UMALAKSHMLB, VIGNESWARI.G, VINISH VARSHA.S, to holy cross college (Autonomous), Nagercoil for the degree of Bachelor of commerce is a result of an original work, carried out under the guidance of Dr.C.K.SUNITHA,M.COM., M.Phil.HDCM,HDCA,Ph.D. of commerce department, Holy Cross College (Autonomous), Nagercoil it has not been previously prepared for the award of any other degree,diploma,fellowship or other similar titles.

Place : Nagercoil

Date : 16-11-2022

Submitted by,

THASLEEMA.I	2020SUA223	<i>TH</i>
UMALAKSHMLB	2020SUA225	<i>B. Umalakshmi</i>
VIGNESWARI.G	2020SUA226	<i>Gr. Vigneswari</i>
VINISH VARSHA.S	2020SUA227	<i>S. Vinish Varsha</i>

**A STUDY ON SELF HELP GROUPS AND ITS IMPACT ON WOMEN
EMPOWERMENT IN POZHICKARAI VILLAGE**

Project submitted to

Holy cross college (Autonomous) Nagercoil

Affiliated to Manomaniam Sundaranar University, Tirunelveli

In partial fulfilment of the requirement

For the award of the degree of

BACHELOR OF COMMERCE

By

JANCY AROKIYA BERSHIBA. X	2020SUA192
JAYA SRI. N	2020SUA194
JENISHA MARY. A	2020SUA195
MEENA. N	2020SUA204
MICHEAL LARA. S	2020SUA205

Under the guidance of

Dr. M.Charles Dayana, M.Com. , M.Phil. , Ph.D.



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-629 004.

DECLARATION

We hereby declare that, the project work entitled "A STUDY ON SELF HELP GROUPS AND ITS IMPACT ON WOMEN EMPOWERMENT IN POZHICKARAI VILLAGE" submitted to Holy cross college (Autonomous), Nagercoil for the Third year under the guidance of Dr. M.Charles Dayana, M.Com. , M.Phil. , Ph.D., in commerce. It has not been previously prepared for the award of any other degree or diploma.

Place: Nagercoil,

Date : 16.11.2022

Signature of Candidates

JANCY AROKIYA BERSHIBA. X x . Jancy Arokiya Bershiba

JAYA SRI. N

N. Jaya Sri.

JENISHA MARY. A

Jenisha Mary .A

MEENA. N

Meena .N

MICHEAL LARA. S

S. Micheal Lara .

Dr. M.Charles Dayana, M.Com. , M.Phil. , Ph.D.

Assistant Professor of Commerce

Holy Cross College (Autonomous)

Nagercoil – 629004

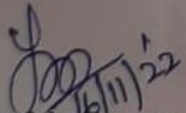
CERTIFICATE

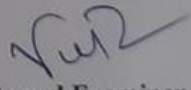
This is to certify that the dissertation entitled “A STUDY ON SELF HELP GROUPS AND ITS IMPACT ON WOMEN EMPOWERMENT IN POZHICKARAI VILLAGE” is a bonafide research work done by JANCY AROKIYA BERSHIBA. X, JAYA SRI N. JENISHA MARY. A, MEENA. N, MICHEAL LARA. S under my supervision, guidance and submitted in partial fulfilment for degree of Bachelor of Commerce. It has not formed the basis of the award of any degree, diploma or any other similar title.

Place: Nagercoil

M. Dally
supervisor

Date: 16. 11. 2022


Head of the Department


External Examiner

Dr. P. Evelyn Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

**A STUDY ON IMPACT OF JOB STRESS AMONG WORKING WOMEN
IN NAGERCOIL TOWN**

*Project report submitted to Holy cross college (Autonomous)
Affiliated to Manonmaniam Sundaranar University in partial fulfilment of the
requirement for the award of the degree of*

BACHELOR OF COMMERCE

Submitted by

NAME	REG. NO.
JENITHA M.S	2020SUA196
KRISHNA VENI V.S	2020SUA200
KRISHNA VENI R	2020SUA201
MISTIKA U	2020SUA206
RAKSHANA FATHIMA M	2020SUA213

Under the Guidance of

Mrs. S. Jameela, M.Com, M.Phil.,



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629 004

NOVEMBER 2022

Mrs. S. Jameela, M.Com., M.Phil.,
Assistant professor in Commerce,
Holy cross college (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

This is to certify that the project entitled " A STUDY ON THE IMPACT OF JOB STRESS AMONG WORKING WOMEN IN NAGERCOIL TOWN" is a bonafide record of work done by JENITHA M.S , KRISHNA VENI V.S, KRISHNA VENI R, MISTIKA U, RAKSHANA FATHIMA M under my supervision and guidance and submitted in partial fulfilment of the requirement for the degree of Bachelor of Commerce . It has not been submitted for the award of any other similar titles.

S. Jameela
SUPERVISOR

Place: Nagercoil

Date: 16.11.22

[Signature]
HEAD OF THE DEPARTMENT

[Signature]
EXTERNAL EXAMINER

R. Evalin Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (Self-
financing)
Holy Cross College (Autonomous)
Nagercoil - 629 004

**A STUDY ON ONLINE PURCHASE BEHAVIOUR AMONG COLLEGE
STUDENTS WITH SPECIAL REFERENCE TO KANYAKUMARI
DISTRICT**

Submitted to

Holy Cross College (Autonomous), Nagercoil.

In partial fulfillment of the requirement for the award of the Degree of

BACHELOR OF COMMERCE

Submitted by

ASMI. S	2020SUA178
ATHURA. A	2020SUA179
BABISHA. P	2020SUA180
BABITHA. S	2020SUA181
BEMI. J	2020SUA183

Under the guidance of

Dr.R. SREEDEVI, M.Com., M.Phil., Ph.D



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-629001

NOVEMBER-2022

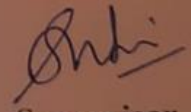
Dr. R. SREEDEVI, M.Com., M.Phil., Ph. D,
Assistant Professor,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil – 629004

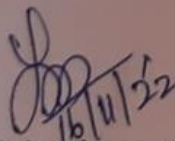
CERTIFICATE


This is to certify that the project work entitled “A STUDY ON ONLINE PURCHASE BEHAVIOUR AMONG COLLEGE STUDENTS WITH SPECIAL REFERENCE TO KANYAKUMARI DISTRICT” is a bonafide research work done by ASMI. S, ATHURA. A, BABISHA. P, BABITHA.S and BEMI.J under my supervision and guidance and in partial fulfillment of the requirement for the degree of Bachelor of Commerce. It has not been submitted for the award of any degree, diploma, or any similar title.

Place: Nagercoil

Date: 16-11-2022


Supervisor


Head of the department


External Examiner

Dr. R. Evelyn Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

DECLARATION

I hereby declare that, the project work entitled "A STUDY ON ONLINE PURCHASING BEHAVIOUR AMONG COLLEGE STUDENTS WITH SPECIAL REFERENCE TO KANYAKUMARI DISTRICT" submitted to Holy Cross College (Autonomous), Nagercoil for the final year under graduate study is an original work done under the guidance of **Dr. SRREDEVI, M.Com., M.Phil., Ph.D.**, Assistant Professor, Department of Commerce, Holy Cross College (Autonomous) Nagercoil. It has not been previously prepared for the award of any degree or diploma.

Place: Nagercoil

Date : 16 - 11 - 2022

Submitted by

ASMI. S	Asmi. S
ATHURA. A	Athura. A
BABISHA. P	Babisha. P
BABITHA. S	Babitha. S
BEMI. J	Bemi. J

DEPARTMENT OF COMMERCE (S.F-II)

**PROBLEMS FACED BY FISHERMEN COMMUNITY FROM
FISHING TO THE EXPORT OF AQUATIC BIOLOGICAL
RESOURCE WITH SPECIAL REFERENCE TO RADHAPURAM
TALUK, TIRUNELVELI**

SUBMITTED TO

Holy Cross College (Autonomous), Nagercoil.

In the partial fulfillment for the award of the degree of

Bachelor of Commerce

Submitted by

C.LAANCI	2020SUA229
J.FAHEEMA SIREEN	2020SUA243
A.JENIFER MATHUMITHA	2020SUA254
S.NELS MARY	2020SUA265
S.SAHAYA RABISHA	2020SUA276
A.VARSHA DEVI	2020SUA290

Under the guidance of

Dr. X.Maria Muthu Shanthini, M.com., M.Phil., PhD.,



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004**

2022-2023

Dr. X. Maria Muthu Shanthini M.com., M.Phil., PhD
Assistant Professor
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil - 629004

CERTIFICATE

This is certify that the project entitled, "PROBLEM FACED BY FISHERMEN COMMUNITY FROM FISHING TO THE EXPORT OF AQUATIC BIOLOGICAL RESOURCE" is a bonafide research work done by C.L.Aanci, J.Faheema Sireen, A.Jenifer Mathumitha, S.Nels Mary, S.Sahaya Rabisha, A.Varsha Devi. Under my guidance and supervision and the research work has not previously formed the basis for the award of any other Degree, Diploma, Fellowship or other similar titles.

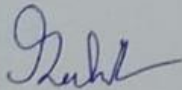
C.L. Aanci	2020SUA229
J. Faheema Sireen	2020SUA243
A. Jenifer Mathumitha	2020SUA254
S. Nels Mary	2020SUA265
S. Sahaya Rabisha	2020SUA276
A.Varsha Devi	2020SUA290

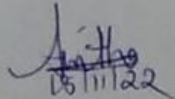
Place: Nagercoil

Date: 16/11/2022

X. Shanthini
16/11/2022

Supervisor


Head of the Department


External Examiner

DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.

Roshni

**IMPACT OF MOBILE INTERVENTION TOWARDS STUDENTS WITH
SPECIAL REFERNCE TO NAGERCOIL**

Project report Submitted to Holy Cross College (Autonomous),
Nagercoil in partial fulfillment of the requirements for the
award of degree of

BACHELOR OF COMMERCE

Name	Submitted by	Reg. No
ASMEEN ALFA.K		2020SUA237
GIRIJA.M		2020SUA249
KITHERI SISPA.S		2020SUA260
ROSHNA BEAGUM.J		2020SUA271
SREE BAVITHRA.R		2020SUA285

Under the guidance of
Dr. M. GNANA MUHILA M.Com., MBA.,M.Phil., Ph.D.



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL-629004

MARCH-2022

Dr.GNANA MUHILA, M.Com., MBA.,M.Phil., Ph.D.

Assistant Professor,

Department of Commerce SF II,

Nagercoil-629004.

CERTIFICATE

This is to certify that the project work entitled "IMPACT OF MOBILE INTERVENTION TOWARDS STUDENTS SPECIAL REFERENCE TO NAGERCOIL" is a bonafide record of work done by under my supervision and guidance and submitted in partial fulfillment of the requirement for the degree of bachelor of commerce. It has not formed the basis for the award of any other degree, diploma, or any other similar title.

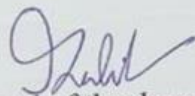
Place: Nagercoil

Date: 16/11/22



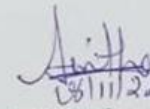
Supervisor

(Dr.M. GNANA MUHILA)



Head of the department

DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.



External Examiner

**CONSUMER BUYING BEHAVIOUR TOWARDS
ECO-FRIENDLY PRODUCTS IN KANYAKUMARI**

SUBMITTED TO

Holy Cross College (Autonomous), Nagercoil,
In the partial fulfillment for the award of the degree of
Bachelor of Commerce

Submitted by

NAME	REG.NO
R.ASWINI	2020SUA239
M.IRFANA BEEVI	2020SUA250
I.KOWSALYA	2020SUA261
L.SAHAYA ANUJA	2020SUA272
S.SUBA SREE	2020SUA286

Under the guidance of

Dr.J.Jani Mercybai M.com.,M.Phil.,Phd



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004**

2022-2023

Dr.J.Jani Mercybai M.com.,M.Phil.,Phd

Assistant Professor

Department of Commerce,

Holy Cross College (Autonomous),

Nagercoil-629004

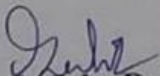
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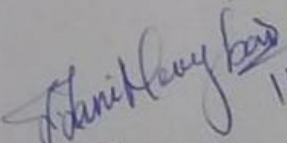
This is certify that the project entitled, "**CONSUMER BUYING BEHAVIOUR TOWARDS ECO-FRIENDLY PRODUCTS IN KANYAKUMARI**" is a bonafide research work done by **R.Aswini, M.Irfana Beevi, I.Kowsalya, L.Sahaya Anuja, S.Suba Sree**. Under my supervision, guidance and submitted in partial fulfillment for the degree of Bachelor of Commerce. It has not formed the basis for the awards of any degree, diploma or any other similar title.

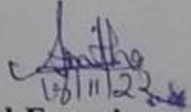
R.ASWINI	2020SUA239
M.IRFANA BEEVI	2020SUA250
I.KOWSALYA	2020SUA261
L.SAHAYA ANUJA	2020SUA272
S.SUBA SREE	2020SUA286

Place: Nagercoil

Date: 16-11-2022


Head of the Department


Supervisor


External Examiner

DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.

**A COMPARATIVE STUDY ON IMPACT OF FACEBOOK AND
YOUTUBE ADVERTISEMENTS ON BUYING BEHAVIOUR OF
COLLEGE STUDENTS**

Project submitted to Holy Cross College (Autonomous),
Nagercoil in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF COMMERCE

SUBMITTED BY

NAME

ANJU. A

FRANCINA MARY.F

JUILET.B

RESHIBA WILLIAMS.S

SHIJINA MARY.R

REG.NO.

2020SUA235

2020SUA247

2020SUA258

2020SUA269

2020SUA283

Under the guidance of

Dr. J. Jani Mercybai, M.Com., M.Phil., Ph.D



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL -629004

NOVEMBER 2022

Dr. J. Jani Mercybai, M.Com., M.Phil., Ph.D

Assistant Professor,

Department of Commerce,

Holy Cross College (Autonomous)

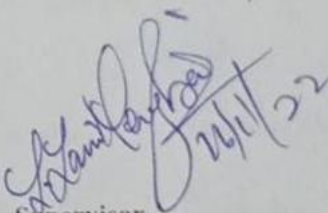
Nagercoil 629004.

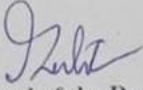
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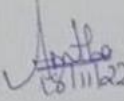
This is to certify that the project that the project report entitled "A COMPARATIVE STUDY ON IMPACT OF FACEBOOK AND YOUTUBE ADVERTISEMENTS ON BUYING BEHAVIOUR OF COLLEGE STUDENTS" is bonafide record of project work done by ANJU.A, JULET.B, FRANCINA MARY.F, RESHIBA WILLIAMS.S, SHIJINA MARY.R my supervision and guidance have submitted in partial fulfillment of the requirement for the degree of Bachelor of Commerce .It has not formed the basis for the award of any other degree, diploma or any title.

Place: Nagercoil

Date: 16/11/22


Supervisor


Head of the Department


Examiner

DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.

**PROBLEMS FACED BY FISHERMEN COMMUNITY FROM
FISHING TO THE EXPORT OF AQUATIC BIOLOGICAL
RESOURCE WITH SPECIAL REFERENCE TO RADHAPURAM
TALUK, TIRUNELVELI**

SUBMITTED TO

Holy Cross College (Autonomous), Nagercoil.

In the partial fulfillment for the award of the degree of

Bachelor of Commerce

Submitted by

C. LAANCI	2020SUA229
J. FAHEEMA SIREEN	2020SUA243
A. JENIFER MATHUMITHA	2020SUA254
S. NELS MARY	2020SUA265
S. SAHAYA RABISHA	2020SUA276
A. VARSHA DEVI	2020SUA290

Under the guidance of

Dr. X.Maria Muthu Shanthini, M.com., M.Phil., PhD.,



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004**

2022-2023

Dr. X. Maria Muthu Shanthini M.com., M.Phil., PhD
Assistant Professor
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil - 629004

CERTIFICATE

This is certify that the project entitled, **“PROBLEM FACED BY FISHERMEN COMMUNITY FROM FISHING TO THE EXPORT OF AQUATIC BIOLOGICAL RESOURCE”** is a bonafide research work done by **C.L.Aanci, J.Faheema Sireen, A.Jenifer Mathumitha, S.Nels Mary, S.Sahaya Rabisha, A.Varsha Devi**. Under my guidance and supervision and the research work has not previously formed the basis for the award of any other Degree, Diploma, Fellowship or other similar titles.

C.L. Aanci	2020SUA229
J. Faheema Sireen	2020SUA243
A. Jenifer Mathumitha	2020SUA254
S. Nels Mary	2020SUA265
S. Sahaya Rabisha	2020SUA276
A.Varsha Devi	2020SUA290

Place: Nagercoil

Date: 16/11/2022

X. Shanthini
16/11/2022

Supervisor

[Signature]
16/11/22
External Examiner

[Signature]
Head of the Department

DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.

**A STUDY ON STUDENT'S INTENTION TOWARDS
ENTREPRENEURSHIP**

Submitted to

Holy cross college (Autonomous), Nagercoil.

In partial fulfilment for the award of the degree of

BACHELOR OF COMMERCE

Submitted By,

NAME	REG.NO
AISHWARYA.M	2020SUA234
FATHIMA NASIKA HARIDHA.B	2020SUA246
JUDY BRONIKA.T	2020SUA257
RAJESWARIM	2020SUA268
SHERIN JEEVA.E	2020SUA282

Under The Guidance of

DR. G. HESIL JERDA, M.com., M.Phil., Ph.D.



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL – 629004**

2022-2023

R. G. HESIL JERDA, M.com., M.Phil., Ph.D.

Department of Commerce

Holy Cross College (Autonomous)

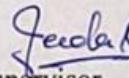
Nagercoil-629004

CERTIFICATE

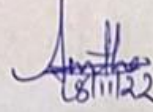
This is to certify that the dissertation entitled “**A STUDY ON STUDENTS INTENTION TOWARDS ENTREPRENEURSHIP**” is a bonafide Research work done by **Aishwarya.M, Fathima Nasika Haridha.B, Judy Bronika .T, Rajeshwari .M, Sherin Jeeva .E,** under by supervision, and guidance and submitted in partial fulfillment of the requirements for the degree of Bachelor of commerce .It has not formed of the basis for the award of any degree, diploma, or any other similar title.

Place: Nagercoil

Date: 16-11-2022.


Supervisor


Head of The Department


External Examiner

DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.

**A STUDY ON THE IMPACT OF COVID -19 ON TINY BUSINESS IN
KANYAKUMARI TOURISM**

Project report submitted to Holy Cross College (Autonomous), Nagercoil in partial fulfilment
of the requirement to the award of the degree of
BACHELOR OF COMMERCE

By

U. BRITNEY SPEARS	2020SUA241
J. JENIFER	2020SUA252
A. MARY SHARUKA	2020SUA263
S. SAHAYA DESHIBA	2020SUA274
A. SURYA PRABHA	2020SUA288

Under the guidance of

Dr. DIVYA MERRY MALAR, M.COM. M. Phil, Ph.D.

Assistant Professor



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL - 629 004

NOVEMBER 2022

Dr. J. Divya Merry Malar, M.Com. M.Phil., Ph.D.

Assistant Professor in Commerce

Department of Commerce

Holy Cross College (Autonomous)

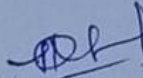
Nagercoil- 629 004.

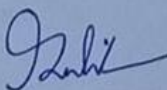
CERTIFICATE

This is to certify that the project entitled **A STUDY ON THE IMPACT OF COVID – 19 ON TINY BUSINESS IN KANYAKUMARI TOURISM** is a bonafide record of work done by **U.BRITNEY SPEARS, J.JENIFER, A.MARY SHARUKA, S.SAHAYA DESHIBA , A.SURYA PRABHA** under my supervision and guidance and submitted in partial fulfilment of the requirement for the degree of bachelor of commerce. This report represents entirely an independent original work of the candidates.

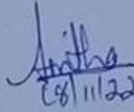
Place: Nagercoil

Date: 16/11/2022


Supervisor


Head of the Department

**DEPARTMENT OF COMMERCE (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 003.**


External Examiner