



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
An ISO 9001:2015 Certified Institution

SSR
2019-2020
to
2023-2024

PROJECT REPORT

DEPARTMENT OF MATHEMATICS

APPLICATION OF MATHEMATICS IN CRIMINOLOGY

Project report submitted to Holy Cross College (Autonomous), Nagercoil -4,
affiliated to Manonmaniam Sundaranar University in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Science in Mathematics

Submitted by

- | | |
|----------------------|---------------------|
| 1. AKSHARA. D. DAVID | Reg. No: 2021AUM006 |
| 2. M. AMIRTHA PRIYA | Reg. No: 2021AUM008 |
| 3. R. MANISH SHANA | Reg. No: 2021AUM031 |
| 4. P. ANISHA | Reg. No: 2021AUM399 |

Under the Guidance of

Dr. T. SHEEBA HELEN, M.Sc., M.Phil., B.Ed., Ph.D.



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

**ACCREDITED WITH A+ GRADE (CGPA 3.35-IV CYCLE) BY NAAC
AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI
NAGERCOIL –629 004
OCTOBER 2023**

Dr. T. SHEEBA HELEN, M.Sc., M.Phil., B.Ed., Ph.D.,

Assistant Professor and Head,

Department of Mathematics,

Holy Cross College (Autonomous),

Nagercoil - 629 004.

CERTIFICATE

This is to certify that the project work entitled 'APPLICATION OF MATHEMATICS IN CRIMINOLOGY' submitted to the Department of Mathematics, 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 Mathematics is a record of the bonafide work done by AKSHARA .D. DAVID (Reg. No: 2021AUM006), AMIRTHA PRIYA .M (Reg. No: 2021AUM008), MANISH SHANA .R (Reg. No: 2021AUM031) and ANISHA .P (Reg. No: 2021AUM399) of III B.Sc. Mathematics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023-24 under my guidance and supervision.

Place: Nagercoil

Date: 31.10.2023

T. Sheeba Helen
31/10/2023

HEAD OF THE DEPARTMENT

Head

Department of Mathematics
Holy Cross College
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T. Sheeba Helen
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SUPERVISOR

Ms. T. SHEEBA HELEN, M.Sc., M.Phil., B.Ed.,
Assistant Professor,
Department of Mathematics
Holy Cross College (Autonomous)
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Dr. P. JAYA MARY
Assistant Professor
Research Department of Mathematics
Scott Christian College (Autonomous)
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[External Examiner]

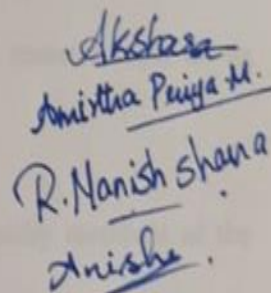
DECLARATION

Hereby we declare that this project work entitled 'APPLICATION OF MATHEMATICS IN CRIMINOLOGY' submitted by us for the degree of Bachelor of Science in Mathematics is the result of our original and independent research work carried out under the guidance of Dr. T. SHEEBA HELEN, Assistant professor and Head, Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted elsewhere for the award of any degree, diploma, associateship or fellowship of any University or Institution.

NAME

REG.NO

SIGNATURE

- | | | |
|----------------------|------------|---|
| 1. AKSHARA .D. DAVID | 2021AUM006 |  |
| 2. AMIRTHA PRIYA .M | 2021AUM008 | |
| 3. MANISH SHANA .R | 2021AUM031 | |
| 4. ANISHA .P | 2021AUM399 | |

Place: Nagercoil

Date: 31.10.2023

A STUDY ON CIRCULAR DISTANCE IN GRAPHS

A dissertation submitted to Holy Cross College (Autonomous), Nagercoil-4
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

M. ABI GRACELIN

Reg No: 2021AUM002

R.A. ANCHITA

Reg No: 2021AUM010

P. ASMIN SERLIN

Reg No: 2021AUM013

S. SAHAYA MARIA SERLIN

Reg No: 2021AUM400

Under the Guidance of

Dr. M. K. ANGEL JEBITHA, M.Sc., M.Phil., B.Ed., Ph.D.,



PG & RESEARCH DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE (AUTONOMOUS)

(ACCREDITED WITH A⁺ GRADE (CGPA 3.35 – IV CYCLE) BY NAAC)

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI)

NAGERCOIL – 629 004

OCTOBER 2023

Dr. M. K. ANGEL JEBITHA, M.Sc., M.Phil., B.Ed., Ph.D.,

Assistant Professor,

PG & Research Department of Mathematics,

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CERTIFICATE

This is to certify that the dissertation work entitled 'A STUDY ON CIRCULAR DISTANCE IN GRAPHS' submitted to the Department of Mathematics, Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University in partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Mathematics is a record of the bonafide work done by M. ABI GRACELIN (Reg. No: 2021AUM002), R.A. ANCHITA (Reg. No: 2021AUM010), P. ASMIN SERLIN (Reg. No: 2021AUM013) and S. SAHAYA MARIA SERLIN (Reg. No: 2021AUM400) of III B. Sc. Mathematics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023–24 under my guidance and supervision.

Place: Nagercoil

Date: 30-10-2023

Dr. P. JAYA MARY
Assistant Professor
Research Department of Mathematics
Scott Christian College (Autonomous)
Nagercoil - 629 003

J. Shree
30/10/2023
HEAD OF THE DEPARTMENT

Head
Department of Mathematics
Holy Cross College
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M.K. Angel Jebitha
30/10/2023
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M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor,
Department of Mathematics
Holy Cross College (Autonomous)
Nagercoil - 629 004.

DECLARATION

Hereby we declare that this dissertation work entitled 'A STUDY ON CIRCULAR DISTANCE IN GRAPHS' submitted by us for the degree of Bachelor of Science in Mathematics is the result of our original and independent research work carried out under the guidance of Dr. M. K. ANGEL JEBITHA, Assistant Professor, PG & Research Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted elsewhere for the award of any degree, diploma, associateship or fellowship of any University or Institution.

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Place: Nagercoil

Date: 30-10-2023

MATHEMATICS IN ARTIFICIAL INTELLIGENCE

Project report submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Manonmaniam Sundaranar University
in partial fulfillment of the requirement of the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

G. ALOYSIUS SHERMI	2021AUM007
E. J. CATHRIN BENZ	2021AUM017
J. JEEN AKSHAYA	2021AUM026
J. RENISHA	2021AUM035

Under the guidance of

Dr. S. Sujitha, M.Sc., M.Phil., B.Ed., Ph.D.



DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE (AUTONOMOUS)

Accredited with A⁺ Grade (CGPA 3.35 – IV Cycle) by NAAC

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Dr. S. Sujitha, M.Sc., M.Phil., B.Ed., Ph.D.,

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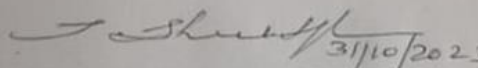
This is to certify the project work entitled on “MATHEMATICS IN ARTIFICIAL INTELLIGENCE” submitted to the Department of Mathematics, Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University in partial fulfillment of the award of the degree of **Bachelor of Science in Mathematics** is a record of the bonafide work done by

G. ALOYSIUS SHERMI	2021AUM007
E.J. CATHRIN BENZ	2021AUM017
J. JEEN AKSHAYA	2021AUM026
J. RENISHA	2021AUM035


of III B.Sc. Mathematics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023 – 2024 under my guidance and supervision.

Place: Nagercoil

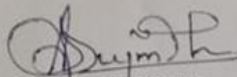
Date: 31 - 10 - 2023


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Dr. S. SUJITHA, M.Sc., B.Ed., M.Phil., Ph.D.
Assistant Professor,
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Nagercoil - 629 004.

DECLARATION

Hereby we declare that this project work entitled on "MATHEMATICS IN ARTIFICIAL INTELLIGENCE" submitted by us for the degree of **Bachelor of Science in Mathematics** is the result of our original and independent research work carried out under the guidance of **Dr. S. Sujitha, M.Sc., M.Phil.,B.Ed., Ph.D.**, Assistant professor ,Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted elsewhere for the award of any degree, diploma, associateship or fellowship of any University or Institution.

Place: Nagercoil

Date: 31-10-2023

G. Aloysius Shermp
G. ALOYSIUS SHERMI

Cathrin Benz
E. J. CATHRIN BENZ

J. Jeen Akshaya
J. JEEN AKSHAYA

J. Renisha
J. RENISHA

A STUDY ON DOMINATION IN GRAPH COLORING

Project report 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 Mathematics

submitted by

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| 1. M.BAMA | 2021AUM014 |
| 2. SHELAT.V. MOFFI | 2021AUM041 |
| 3. R. AAN SHEBI | 2021AUM466 |
| 4. R. SUSHMEETHA | 2021AUM046 |
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Under the Guidance of

Dr. V. SUJIN FLOWER, M.Sc., M.Phil., Ph.D.,
Assistant Professor of Mathematics



PG & RESEARCH DEPARTMENT OF MATHEMATICS
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ACCREDITED WITH A+ GRADE (CGPA3.35 - IV CYCLE) BY NAAC
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NAGERCOIL – 629 004
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Dr. V. SUJIN FLOWER, M.Sc., M.Phil., Ph.D.,
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CERTIFICATE

This is to certify that the project work entitled "A STUDY ON DOMINATION IN GRAPH COLORING" submitted to the Department of Mathematics, 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 Mathematics** is a record of the bonafide work done by **M.BAMA** (Reg. No: 2021AUM014), **SHELAT V.MOFFI** (Reg. No: 2021AUM014), **R.AAN SHEBI** (Reg. No: 2021AUM466), **R. SUSHMEETHA** (Reg. No: 2021AUM046), **N. SUBITHRA** (Reg. No: 2021AUM044) of III B.Sc. Mathematics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023-2024 under my guidance and supervision.

Place : Nagercoil

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Assistant Professor
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Nagercoil - 629 003
[Excuse me]

DECLARATION

Hereby we declare that this project work entitled "A STUDY ON DOMINATION IN GRAPH COLORING" submitted by us for the degree of Bachelor of Science in Mathematics is the result of our original and independent research work carried out under the guidance of Dr. V. SUJIN FLOWER, Assistant professor, Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted elsewhere for the award of any degree, diploma, associateship or fellowship of any University or Institution.

NAME OF THE STUDENTS	REG. NO	SIGNATURE
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2. SHELAT V. MOFFI	2021AUM041	Shelat
3. R. AAN SHEBI	2021AUM046	R. Aan Shebi
4. R. SUSHMEETHA	2021AUM466	R. Sushmeetha
5. N. SUBITHRA	2021AUM044	N. Subithra

Place: Nagercoil

Date: 31-10-2023

FUZZY INFERENCE SYSTEM IN AIR QUALITY INDEX

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

Bachelor of Science in Mathematics

Submitted by

AMIZHDINI ROSE C K	Reg.No : 2021AUM009
JENISHA T	Reg.No : 2021AUM029
KARTHIKA S	Reg.No : 2021AUM030
QURY FIONY S	Reg.No : 2021AUM034
SUBA LEKSHMI S	Reg.No : 2021AUM043

Under the Guidance of

Dr. J. Befija Minnie, M.Sc., B. Ed., M. Phil., Ph.D.,



DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE (AUTONOMOUS)

ACCREDITED WITH A+ GRADE (CGPA 3.35-IV CYCLE) BY NAAC

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OCTOBER - 2023

Dr. J. Befija Minnie, M. Sc., B. Ed., M. Phil., Ph.D.,
Assistant Professor,
Department of Mathematics,
Holy Cross College (Autonomous),
Nagercoil.

CERTIFICATE

This is to certify that the project work entitled 'FUZZY INFERENCE SYSTEM IN AIR QUALITY INDEX' submitted to the Department of Mathematics, 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 Mathematics** is a record of the bonafide work done by **AMIZHDINI ROSE .C.K** (Reg.No: 2021AUM009), **JENISHA.T** (Reg.No: 2021AUM029), **KARTHIKA.S** (Reg.No: 2021AUM030), **QURY FIONY.S** (Reg.No: 2021AUM034) and **SUBA LEKSHMIS** (Reg.No:2021AUM043) of III B. Sc. Mathematics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023-24 under my guidance and supervision.

Place : Nagercoil

Date : 31 - 10 - 2023

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Dr. P. JAYA MARY
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J. Befija Minnie

SUPERVISOR

Dr. J. BEFIJA MINNIE
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
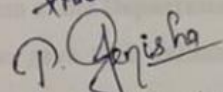
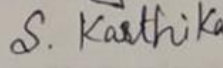
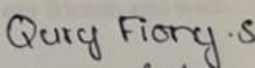
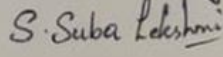
ACKNOWLEDGMENT

DECLARATION

Hereby we declare that this project work entitled 'FUZZY INFERENCE SYSTEM IN AIR QUALITY INDEX' submitted by us for the degree of **Bachelor of Science in Mathematics** is the result of our original and independent research work carried out under the guidance of **Dr. J. Befija Minnie** Assistant professor, Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted elsewhere for the award of any degree, diploma, associateship or fellowship of any University or Institution.

We are grateful to our guide, Dr. J. Befija Minnie, M.Sc., B.Ed., M.Phil., Ph.D., for his valuable suggestions and for his constant encouragement and help throughout the project.

We are also grateful to our friends and family members for their constant encouragement and support throughout the project.

NAME	REG.NO	SIGNATURE
1. AMIZHDINI ROSE C K	2021AUM009	
2. JENISHA T	2021AUM029	
3. KARTHIKA S	2021AUM030	
4. QURY FIONY S	2021AUM034	
5. SUBA LEKSHMI S	2021AUM043	

Place: Nagercoil

Date : 31-10-2023.

DISTANCE CONCEPTS IN GRAPH THEORY

Dissertation submitted to Holy Cross College (Autonomous) affiliated
to Manonmaniam Sundaranar University in partial fulfilment of the
requirement of the award of the degree of
BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

K.R.AGEENA(Reg no. 2021AUM005)

I.ASHLIN JEBA (Reg no. 2021AUM012)

S.ELIZABETH (Reg no. 2021AUM022)

B.INFANT AKSHAYA (Reg no. 2021AUM025)

Under the guidance of

Sr. S. ANTIN MARY, M.Sc., NET., SET.

Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS
HOLY CROSS COLLEGE (AUTONOMOUS)
ACCREDITED WITH A+ GRADE (CGPA 3.35) IV cycle
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NAGERCOIL - 629004

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Sr. S. Antin Mary, M.Sc., NET., SET.

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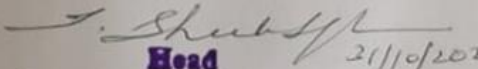
CERTIFICATE


This is to certify that the dissertation entitled " DISTANCE CONCEPTS IN GRAPH THEORY " submitted by the candidates K.R.AGEENA (Reg No. 2021AUM005), I.ASHLIN JEBA (Reg No. 2021AUM012), S.ELIZABETH (Reg No. 2021AUM022) and B.INFANT AKSHAYA (Reg No. 2021AUM025) to the Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics in a bona-fide record of the Project work done by them under our guidance.


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.

Place: Nagercoil

Date: 31-10-2023


Head 21/10/2023
Department of Mathematics
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NAGERCOIL
Head of the Department


ANTIN MARY S
Assistant Professor
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Supervisor


[External Examiner] 31/10/2023
Dr. P. JAYA MARY
Assistant Professor
Research Department of Mathematics
Scott Christian College (Autonomous)
Nagercoil - 629 003

DECLARATION

We hereby declare that this dissertation “ **DISTANCE CONCEPTS IN GRAPH THEORY** ” is being submitted to Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University, Tirunelveli in partial fulfilment of the requirement for the award of the degree of “ **BACHELOR OF SCIENCE IN MATHEMATICS** ” is a record of the dissertation done by us during our period of study under the supervisor of **Sr. S. Antin Mary, M.Sc., NET., SET**, Assistant Professor, Department of Mathematics , Holy Cross College (Autonomous), Nagercoil. This dissertation or any part has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 31.10.2023

Ageena
K.R.AGEENA

I. Ashlin Jeba
I.ASHLIN JEBA

S. Elizabeth
S.ELIZABETH

B. Infant Akshaya
B.INFANT AKSHAYA

A STUDY ON LIE GROUPS AND LIE ALGEBRAS

Project report submitted to Holy Cross College (Autonomous), Nagercoil-4
affiliated to Manonmaniam Sundaranar University in partial fulfillment of the
requirement for the award of the degree of
Bachelor of Science in Mathematics

Submitted by

DEVA THIBIKSHA C	Reg No: 2021AUM018
METHA JAPHRO M	Reg No: 2021AUM033
SAHAYA JEFRIN MAGLIN J	Reg No: 2021AUM039
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Under the Guidance of

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DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE (AUTONOMOUS)

ACCREDITED WITH A⁺ GRADE (CGPA 3.35 – IV CYCLE) BY NAAC

AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI

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OCTOBER 2023

Dr. L. Jesmalar, M.Sc., M.Phil., B.Ed., Ph.D., SET.

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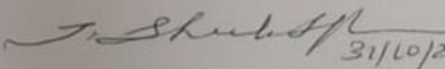
Nagercoil – 629 004.

CERTIFICATE

This is to certify that the project work entitled 'A STUDY ON LIE GROUPS AND LIE ALGEBRAS' submitted to the Department of Mathematics, 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 Mathematics is a record of the bonafide work done by **DEVA THIBIKSHA C** (Reg. No: 2021AUM018), **METHA JAPHRO M** (Reg. No: 2021AUM033), **SAHAYA JEFRIN MAGLIN J** (Reg. No: 2021AUM039) and **SUSHMATHI C B** (Reg. No: 2021AUM045) of III B. Sc. Mathematics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023–24 under my guidance and supervision.

Place: Nagercoil


Date: 31-10-2023


31/10/2023
HEAD OF THE DEPARTMENT


SUPERVISOR

Head
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31/10/2023
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Dr. P. JAYA MARY
Assistant Professor
Research Department of Mathematics
Scott Christian College (Autonomous)
Nagercoil - 629 003

DECLARATION

Hereby we declare that this project work entitled 'A STUDY ON LIE GROUPS AND LIE ALGEBRAS' submitted by us for the degree of **Bachelor of Science in Mathematics** is the result of our original and independent research work carried out under the guidance of **Dr. L. JESMALAR**, Assistant Professor, Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted elsewhere for the award of any degree, diploma, associateship or fellowship of any University or Institution.

NAME	REG.NO	SIGNATURE
1. DEVA THIBIKSHA C	2021AUM018	<i>C. Thibiksha.</i>
2. METHA JAPHRO M	2021AUM033	<i>Methanjaphro M</i>
3. SAHAYA JEFRI MAGLIN J	2021AUM039	<i>Sahaya Jefrin Maglin</i>
4. SUSHMATHI C B	2021AUM045	<i>C. B. Sushmathi</i>

Place: Nagercoil

Date: 31-10-2023

DEPARTMENT OF MATHEMATICS (S.F)

A STUDY ON GRACEFUL LABELLING OF GRAPHS

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

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted By

Suja.P	(Reg.No.2021SUM021)
Swishna.R.L	(Reg.No.2021SUM022)
Varsha.V	(Reg.No.2021SUM023)
Athira.I.S	(Reg.No.2021SUM336)
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Under the guidance of

Dr. J . ANNE MARY LEEMA , M.Sc., B.Ed., SET, Ph.D.



DEPARTMENT OF MATHEMATICS (SELF FINANCED)

HOLY CROSS COLLEGE (AUTONOMOUS)

RE-ACCREDITED WITH A+ GRADE (CGPA 3.35)

AFFILIATED TO MANONMANIAN SUNDARANAR UNIVERSITY

NAGERCOIL-629 004

OCTOBER-2023



CERTIFICATE

This is to certify that dissertation entitled "A STUDY ON GRACEFUL LABELLING OF GRAPHS" submitted by the candidates Suja .P. (RegNo:2021SUM021), Swishna. R. L (RegNo:2021SUM022), Varsha.V (RegNo:2021SUM023), Athira. I. S (RegNo:2021SUM336), Brindha. M (RegNo:2021SUM337), Sangeetha. M (RegNo:2021SUM404) of III B.Sc. MATHEMATICS (Self-Financed) to Holy Cross College (Autonomous), Nagercoil Affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the Project work done by them under my guidance.

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.

J. Anne Mary Leema

Place : Nagercoil

Date : 25-10-2023

Dr. J. Anne Mary Leema
(Guide and Supervisor)

[Signature]
31/10/2023

External Examiner

[Signature]

Head of the Department

Department of Mathematics (S.F)

Department of Mathematics (S.F.)

Holy Cross College (Autonomous)

Nagercoil - 629 004.

DECLARATION

We hereby declare that this Project work entitled "A STUDY ON GRACEFUL LABELLING OF GRAPHS " is being submitted to Holy Cross College (Autonomous) Nagercoil, affiliated to Manonmaniam Sundarnar University, Tirunelveli in partial fulfillment of the requirement of the award of the degree of **BACHELOR OF SCIENCE IN MATHEMATICS** is the record of the dissertation done by us in our period of study under the supervision and guidance of **Dr. J. Anne Mary Leema, M.Sc., M.Phil., SET., Ph.D.,** Assistant Professor, Department of Mathematics (Self-financed), Holy Cross College (Autonomous), Nagercoil. This dissertation on any part has not been submitted elsewhere for any other degree.

Place : Nagercoil

Date : 25-10-2023

Suja.P
Suja.P

Swishna.R.L
Swishna. R.L

V.Varsha
Varsha.V

Athira.I.S
Athira.I.S

Brindha.M
Brindha.M

Sangeetha.M
Sangeetha.M

STUDY ON FRACTIONAL CALCULUS

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

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted By

Abisha . S	(Reg.No.2021SUM002)
Abisha .S.A	(Reg.No.2021SUM003)
Abisha .T	(Reg.No.2021SUM004)
Anisha Shanl. E	(Reg.No.2021SUM005)
Astina Juliet . A	(Reg.No.2021SUM007)

Under the guidance of

Dr. S . KAVITHA , M.Sc., M.Phil., Ph.D., SET



DEPARTMENT OF MATHEMATICS (SELF FINANCED)

HOLY CROSS COLLEGE (AUTONOMOUS)

RE-ACCREDITED WITH A+ GRADE (CGPA3.35)

**(AFFILIATED TO MANONMANIAN SUNDARANAR
UNIVERSITY)**

NAGERCOIL-629 004

OCTOBER-2023



CERTIFICATE

This is to certify that dissertation entitled " A STUDY ON FRACTIONAL CALCULUS" submitted by the candidates Abisha.S (RegNo:2021SUM002), Abisha.S.A (RegNo:2021SUM003), Abisha.T (RegNo:2021SUM004), Anisha Shani.E (RegNo:2021SUM005), Astina Juliet.A (RegNo:2021SUM007) of III B. Sc. MATHEMATICS (Self Financed) to the Holy Cross College (Autonomous), Nagercoil, Affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the Project work done by them under our guidance.


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.


Place : Nagercoil

Date : 25-10-2023


Dr. S.KAVITHA

(Supervisor)


31/10/2023
(External Examiner)


Head of the Department
Department of Mathematics

Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

DECLARATION

We hereby declare that this Project work entitled "A STUDY ON FRACTIONAL CALCULUS " is being submitted to the Holy Cross College (Autonomous) Nagercoil, affiliated to Manonmaniam Sundarnar University, Tirunelveli in partial fulfillment of the requirement of the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS is the record of the dissertation done by us our period of study under the supervision and guidance of Dr.S. KAVITHA, Head of the Department of Mathematics (Self financed), Holy Cross College (Autonomous), Nagercoil. This dissertation on any part has not been submitted elsewhere for any other degree.

Place : Nagercoil

Date : 25-10-2023

S. Abisha
Abisha.S

Abisha
Abisha.S.A

T. Abisha
Abisha.T

Shani'
Anisha Shani.E

A. Astina Juliet
Astina Juliet.A

A STUDY ON DISTANCE IN GRAPHS

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

BACHELOR OF SCIENCE IN MATHEMATICS

By

FAHEEMAH. K (Reg. No. 2021SUM008)

FEMISHA. S (Reg. No. 2021SUM009)

HEIDA. J (Reg. No. 2021SUM010)

JAYA SHREE. J.C (Reg. No. 2021SUM011)

MARIA ABISHA. B (Reg. No. 2021SUM014)

Under the guidance of

Dr. Y. A. SHINY, M.Sc., M.Ed., M.Phil., Ph.D.

Assistant Professor of Mathematics



DEPARTMENT OF MATHEMATICS (SELF FINANCED)

HOLY CROSS COLLEGE (AUTONOMOUS)

ACCREDITED WITH A+ GRADE (CGPA 3.35) BY NAAC (IV CYCLE)

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY)

NAGERCOIL-629 004

OCTOBER-2022



CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON DISTANCE IN GRAPHS" submitted by FAHEEMAH.K (Reg.No.2021SUM008), FEMISHA. S (Reg.No.2021SUM009), HEIDA. J (Reg.No.2021SUM010), JAYA SHREE. J. C (Reg.No.2021SUM011), MARIA ABISHA. B (Reg.No.2021SUM014) of III B.Sc. Mathematics (Self-Financed), Holy Cross College (Autonomous), Nagercoil, in partial fulfilment of the requirement for the award to the degree of BACHELOR OF SCIENCE IN MATHEMATICS is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

Date: 25/10/2023



Dr. Y. A. SHINY, M.Sc., M.Ed., M.Phil., Ph.D.

(Guide and Supervisor)



31/10/2023

External Examiner



Head of the Department

Department of Mathematics (S.F)

Department of Mathematics (S.F.)

Holy Cross College (Autonomous)

Nagercoil - 629 004.

DECLARATION

We hereby declare that this project work entitled "A STUDY ON DISTANCE IN GRAPHS" submitted by us for the degree of BACHELOR OF SCIENCE IN MATHEMATICS is done to the under the guidance of Dr. Y. A. SHINY, M.Sc., M.Ed., M.Phil., Ph.D., Department of Mathematics, Holy Cross College (Autonomous), Nagercoil. This dissertation on any part has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 25/10/2023

Faheemah - k

FAHEEMAH. K

S. Femisha

FEMISHA. S

J. Heida

HEIDA. J

Jaya Shree

JAYA SHREE. J. C

Maria Abisha

MARIA ABISHA. B

**A STUDY ON LAPLACE AND INVERSE LAPLACE
TRANSFORM**

Project submitted to Holy Cross College (Autonomous), Nagercoil
In partial fulfilment of the requirements for the award of degree of
BACHELOR OF SCIENCE IN MATHEMATICS

By

PON ABISHA. M (Reg. No. 2021SUM015)

REXLIN CHARLES. C.R (Reg. No. 2021SUM016)

SANJANA LAKSHMI. P.M (Reg. No. 2021SUM018)

SEBASTIN.S (Reg. No. 2021SUM019)

SHIRONL J.A (Reg. No. 2021SUM020)

Under the guidance of

Dr.J.Neas Golden Flower, M.Sc, B.Ed, M.phil, PhD

Assistant Professor of Mathematics



DEPARTMENT OF MATHEMATICS (SELF FINANCED)

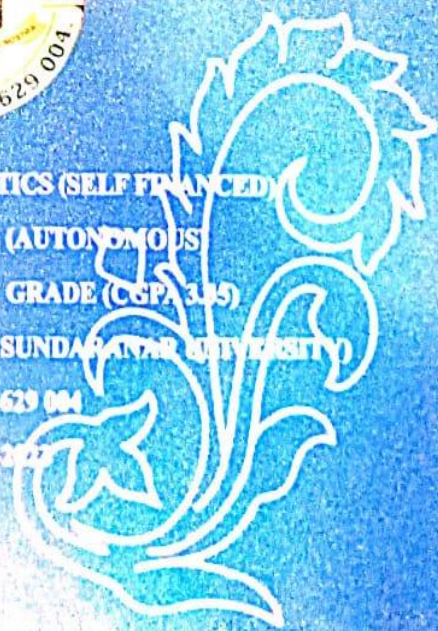
HOLY CROSS COLLEGE (AUTONOMOUS)

RE-ACCREDITED WITH A* GRADE (CGPA 3.45)

(AFFILIATED TO MANONMANIAM SUNDARANDAR UNIVERSITY)

NAGERCOIL-629 004

OCTOBER 2022



Dr. J. Nesa Golden Flower, M.Sc, B.Ed, M.Phil, PhD,
Assistant Professor,
Department of Mathematics (SF),
Holy Cross College (Autonomous),
Nagercoil-629 004.

CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON LAPLACE AND INVERSE LAPLACE TRANSFORM" by Pon Abisha. M (Reg.no.2021SUM015), Rexlin charles. C.R(Reg.no.2021SUM016), Sanjana lakshmi. P.M (Reg.no.2021SUM018), Sebastin. S (Reg.no.2021SUM019), Shironi. J.A (Reg.no.2021SUM020) of III B.Sc. Mathematics (Self Financed), Holy Cross College (Autonomous), Nagercoil, in partial fulfilment of the requirement for the award to the degree of BACHELOR OF SCIENCE IN MATHEMATICS is a bonafied record of the work done by them under my supervision and guidance.

Place: Nagercoil

Date: 25.10.2023

Dr.J. Nesa Golden Flower, M.Sc, B.Ed, M.Phil, PhD

(Guide and Supervisor)

External Examiner

Head of the Department
Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

DECLARATION

We hereby declare that this project work entitled “ A STUDY ON LAPLACE AND INVERSE LAPLACE TRANSFORM” submitted by us for the degree of BACHELOR OF SCIENCE IN MATHEMATICS is done to the under the guidance of Dr.J. Nesa Golden Flower, M.Sc, B.Ed, M.Phil, PhD, Department of Mathematics (Self-finance) , Holy Cross College (Autonomous), Nagercoil. This dissertation on any part has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 25.10.2023

M. Pon Abisha.

M. Pon Abisha

C.R. Rexlin Charles

C.R. Rexlin Charles

P.M. Sanjana Lakshmi

P.M. Sanjana Lakshmi

S. Sebastin.

S. Sebastin

J.A. Shironi

J.A. Shironi

DEPARTMENT OF PHYSICS

DESIGN AND STRUCTURAL ANALYSIS OF STEERING WHEEL USING ANSYS WORKBENCH

PROJECT REPORT

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

BACHELOR OF SCIENCE IN PHYSICS

By

A. Ashiba	2021AUP059
J. Boomigha Philip	2021AUP063
A. Felina Asmi	2021AUP071
P. Priscilla	2021AUP078
A. Shivani Devi	2021AUP087

Under the guidance of

Dr. A. Lesly Fathima, M.Sc., M.Phil., NET, Ph.D.



DEPARTMENT OF PHYSICS

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

Accredited with A⁺ Grade (CGPA 3.35 - IV Cycle) by NAAC

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

2021-2024

Dr. A. Lesly Fathima, M.Sc., M.Phil., NET, Ph.D.

Holy Cross College (Autonomous),

Nagercoil – 629004.

CERTIFICATE

This is to certify that this project report entitled “DESIGN AND STRUCTURAL ANALYSIS OF STEERING WHEEL USING ANSYS WORKBENCH” is a bonafide record of work done by Miss. A. Ashiba (Reg.No.2021AUP059), Miss. J. Boomigha Philip (Reg.No.2021AUP063), Miss. A. Felina Asmi (Reg.No.2021AUP071) and Miss. P. Priscilla (Reg.No.2021AUP078), Miss. A. Shivani Devi (Reg.No.2021AUP087) 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 2021-2024 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 Examiner


13/1/23


Signature of the Project Guide

A. Ashiba (Reg.No.2021AUP059)

J. Boomigha Philip (Reg.No.2021AUP063)

A. Felina Asmi (Reg.No.2021AUP071)

P. Priscilla (Reg.No.2021AUP078)

A. Shivani Devi (Reg.No.2021AUP087)

III B.Sc. Physics,

Holy Cross College (Autonomous),

Nagercoil – 629004.

DECLARATION

We hereby declare that this project report entitled “DESIGN AND STRUCTURAL ANALYSIS OF STEERING WHEEL USING ANSYS WORKBENCH” is a record of original work done by us under the guidance of Dr. A. Lesly Fathima, M.Sc., M.Phil., NET, Ph.D., Holy Cross College (Autonomous), Nagercoil during the academic year 2023 – 2024.

Place: Nagercoil

Date: 31-10-2023

Signature of the candidate

1. A. Ashiba

A. Ashiba

2. J. Boomigha Philip

J. Boomigha

3. A. Felina Asmi

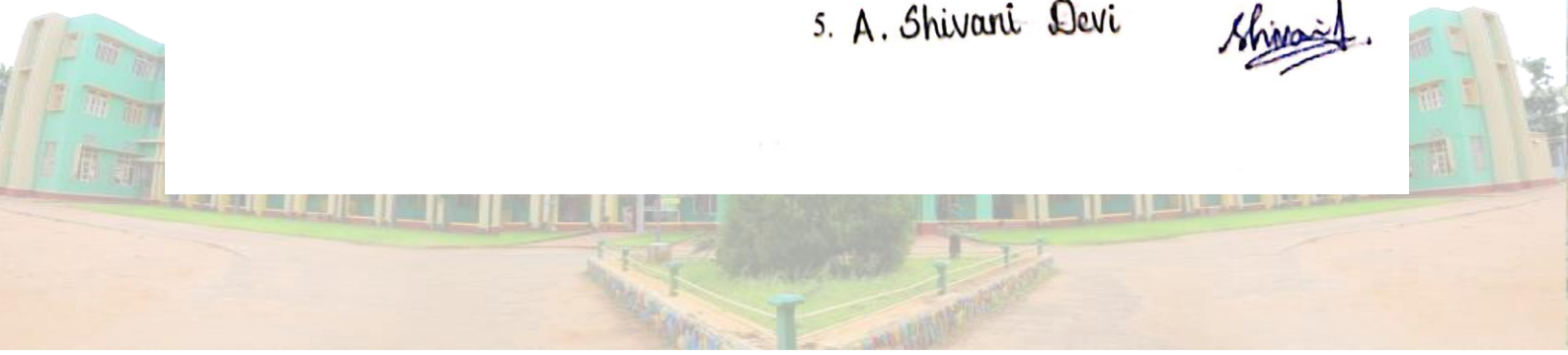
A. Felina

4. P. Priscilla

P. Priscilla

5. A. Shivani Devi

Shivani



Design of Space Frame for an Electric Car- A Review

PROJECT REPORT

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

Submitted by

Name
B. Abinisha
J. Helshiya
R.S. Reshma
M.S. Nanthana

Reg.No.
2021AUP048
2021AUP073
2021AUP081
2021AUP402

Under the guidance of

Dr.M.Priya Dharshini, M.Sc., PGDCA., SET, M.Phil.,Ph.D.



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

NOVEMBER-2023

DEPARTMENT OF PHYSICS
HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-4

2023-2024

Dr. M. Priya Dharshini

Assistant Professor of Physics

Holy Cross College (Autonomous)

Nagercoil - 629004

CERTIFICATE

This is to certify that this project work entitled “DESIGN OF SPACE FRAME FOR AN ELECTRIC CAR – A REVIEW” is the bonafide record of work done by Miss B. Abinisha (2021AUP048), Miss J.Helshiya (2021AUP073), Miss R.S. Reshma (2021AUP081), Miss M.S. Nanthana (2021AUP402) of III B.Sc. Physics in partial fulfillment of the degree of Bachelor of Science in Physics in Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University during the academic year 2023-2024 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

B. Abinisha

J. Helshiya

R.S. Reshma

M.S. Nanthana

III B.Sc Physics

Holy Cross College (Autonomous)

Nagercoil - 629004

DECLARATION

We hereby declare that this project work entitled “DESIGN OF SPACE FRAME FOR AN ELECTRIC CAR –A REVIEW” is a record of original work done by us under the guidance of Dr. M. Priya Dharshini, Department of Physics, Holy Cross College (Autonomous), Nagercoil during the academic year 2023-2024.

Place: Nagercoil

Signature of the candidates

Date: 31/10/2023

B. Abinisha B. Abinisha.

J. Helshiya J. Helshiya.

R.S. Reshma Reshma. R.S

M.S. Nanthana Nanthana. M.S

A REVIEW ON SOLAR PANELS IN ELECTRONIC VEHICLE

PROJECT REPORT

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

BACHELOR OF SCIENCE IN PHYSICS

by

NAME	REGISTER NUMBER
M. ARCHANA DIVYA	2021AUP057
L. QUENCY	2021AUP079
J. SHIYARA	2021AUP088
S. JESU JESIMA	2022AUP001

Under the guidance of

Dr. M. Abila Jeba Queen, M.Sc., M.Phil., SET., Ph.D.



DEPARTMENT OF PHYSICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
NOVEMBER-2023

Dr. M. Abila Jeba Queen, M.Sc., M.Phil., SET., Ph.D.

Assistant Professor of Physics,

Holy Cross College (Autonomous),

Nagercoil-629004.

CERTIFICATE

This is certify that this project work entitled "A REVIEW ON SOLAR PANELS IN ELECTRONIC VEHICLE" is the bonafide work done by

NAME	REGISTER NUMBER
M.ARCHANA DIVYA	2021AUP057
L.QUENCY	2021AUP079
J. SHIYARA	2021AUP088
S. JESU JESIMA	2022AUP001

in partial fulfilment for the award of Bachelor of Science in Physics of Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University during the academic year 2023-2024.



Signature

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 Examiners



Signature

Project Guide

Miss. M. Archana Divya (2021AUP057)

Miss. L. Quency (2021AUP079)

Miss. J. Shiyara (2021AUP088)

Miss. S. Jesu Jesima (2022AUP001)

III B.Sc. Physics,

Holy Cross College (Autonomous),

Nagercoil-629004.

DECLARATION

We hereby declare that the investigation reported of this project work on “A REVIEW ON SOLAR PANELS IN ELECTRONIC VEHICLE” is entirely original and has been carried out by us in the Department of Physics, Holy Cross College (Autonomous), Nagercoil, under the guidance of Dr. M. Abila Jeba Queen, M.Sc., M.Phil., SET., Ph.D. during the academic year 2022-2023. We also declare that the project report presented here is our original work and has not been submitted for any other degree.

NAME OF THE CANDIDATES

Miss. M. Archana Divya

Miss. L. Quency

Miss. J. Shiyara

Miss. S. Jesu Jesima

SIGNATURE

M. Archana Divya

L. Quency

J. Shiyara

S. Jesu Jesima

PLACE: Nagercoil

DATE: 30.10.2023

DEPARTMENT OF CHEMISTRY

**SOLVENT FREE SYNTHESIS OF BENZIMIDAZOLE DERIVATIVES
FROM 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 requirement for the award of the Degree of*

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

Name of the Student	Register Number
K. SURIYA	2021AUC404
S. EMAKLIN AAYSHA	2021AUC438
A. JAFRIN BINUSHA	2021AUC439
S. INDUJA	2021AUC440
J. SAHAYA SAJITHA	2021AUC441
P. SAKTHI	2021AUC442
T.V. SUBHA SRI	2021AUC455

Under the Guidance of

Dr. SHEEBA DANIEL



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

NAGERCOIL - 629004

MARCH 2024

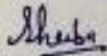
Dr. Sheeba Daniel
Assistant Professor
Department of Chemistry
Holy Cross College (Autonomous), Nagercoil

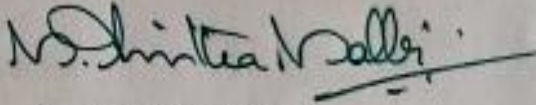
CERTIFICATE

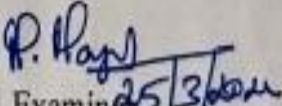
This is to certify that the project work entitled "SOLVENT FREE SYNTHESIS OF BENZIMIDAZOLE DERIVATIVES FROM BILIMBI FRUIT EXTRACT AND ITS BIOLOGICAL ACTIVITIES" submitted by K. Suriya, S. Emaklin Aaysha, A. Jafrin Binusha, S. Induja, J. Sahaya Sajitha, P. Sakthi and T.V. Subha Sri of III B.Sc Chemistry, Holy Cross College (Autonomous), Nagercoil 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: 18/3/2024


Dr. Sheeba Daniel
(Supervisor)


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


Examinee 25/3/2024

DECLARATION

We hereby declare that the project work entitled "SOLVENT FREE SYNTHESIS OF BENZIMIDAZOLE DERIVATIVES FROM 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 (Autonomous), 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: 18.03.2024

K. Suriya

K. Suriya

S. Emaklin Aaysha

S. Emaklin Aaysha

A. Jafrin Binusha

A. Jafrin Binusha

S. Induja

S. Induja

J. Sahaya Sajitha

J. Sajitha

P. Sakthi

P. Sakthi

T.V. Subha Sri

T.V. Subha Sri

GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING PLANT EXTRACT: CHARACTERISATION AND EVALUATION OF BIOLOGICAL PROPERTIES

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

B. Lifa Gonzaga	2021AUC110
M. Jenita	2021AUC112
A. Mariya Sony	2021AUC113
M. Mebisha Mol	2021AUC114
T. Rajashree	2021AUC115
R. Roseni	2021AUC117

Under the Guidance of Supervisor

Dr. S. Ajith Sinthuja

Assistant Professor

Holy Cross College (Autonomous), Nagercoil.



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

NAGERCOIL - 629004

MARCH 2024

Dr. S. Ajith Sinthuja

Assistant Professor

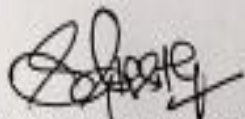
Holy Cross College (Autonomous), Nagercoil.

CERTIFICATE

This is to certify that the project work entitled "Green Synthesis of Zinc oxide Nanoparticles using Plant Extract: Characterisation and Evaluation of Biological Properties" submitted by B. Lifa Gonzaga, M. Jenita, A. Mariya Sony, M. Mebisha Mol, T. Rajashree, R. Roseni 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.

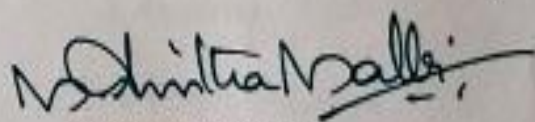
Place: Nagercoil

Date: 25/3/2024



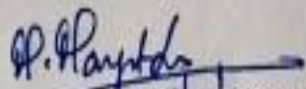
Name of the Supervisor

(Supervisor)



Dr. M. Anitha Malbi

(Head of the Department)

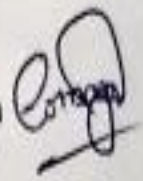
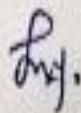

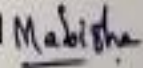

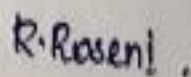

Examined 25/2/2024

DECLARATION

We hereby declare that the project work entitled "Green Synthesis of Zinc oxide Nanoparticles using Plant Extract: Characterisation and Evaluation of Biological Properties" 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. S. Ajith Sinthuja, 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: 25/3/2024

B. Lifa Gonzaga 
M. Jenita 
A. Mariya Sony 
M. Mebisha Mol 
T. Rajashree 
R. Roseni 

SYNTHESIS AND CHARACTERIZATION OF POLYIMIDE

*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. SELVA RENJITH SHAMINI	2021AUC086
S. AGNEL NIVITHA	2021AUC093
P. ANTO RINISHA	2021AUC094
S. ANUSHMITA	2021AUC095
S. ANUSHYA	2021AUC096
H. ARPUTHA YAZHINI	2021AUC097

Under the Guidance of

Dr. M. ANITHA MALBI

Head of the department of Chemistry



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

NAGERCOIL -629004

MARCH 2024

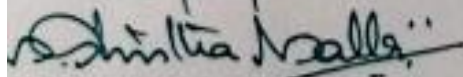
Dr. M. ANITHA MALBI
Head of the Department of Chemistry
Holy Cross College (Autonomous)
Nagercoil-629004.

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS AND CHARACTERIZATION OF POLYIMIDE" Submitted by S. Selva Renjith Shamini, S. Agnel Nivitha, P. Anto Rinisha, S. Anushmita, S. Anushya and H.Arputha Yazhini of III B.Sc Chemistry, Holy Cross College (Autonomous) in partial fulfilment of the requirements for the award of the Degree of Bachelor of Chemistry is a bonafide record of the work done by them under my supervision.

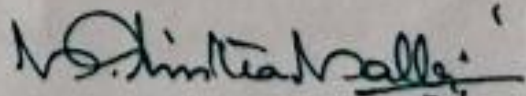
Place: Nagercoil

Date: 21/3/2024



Dr. M. Anitha Malbi

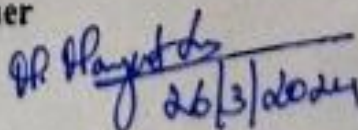
(Supervisor)



Dr. M. Anitha Malbi

(Head of the Department)

Examiner



26/3/2024

DECLARATION

We hereby declare that the project work entitled "SYNTHESIS AND CHARACTERIZATION OF POLYIMIDE" 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. M. ANITHA MALBI, Associate Professor and Head of the Department of Chemistry, Holy Cross College, Nagercoil and it has not been submitted for the award of any other degree, diploma, associateship or fellowship of any other University or Institution.

Place: Nagercoil

Date: 26.8.2024

S. Selva Renjith Shamini S. Selva Renjith Shamini

S. Agnel Nivitha Agnel Nivitha

P. Anto Rinisha P. Anto Rinisha

S. Anushmita S. Anushmita

S. Anushya S. Anushya

H. Arputha Yazhini H. Arputha Yazhini

**BIOSYNTHESIS OF SILVER NANOPARTICLES FROM *JUSTICA ADATODA VITEX*
NEGUNDA**

Project work submitted by Holy Cross College (AUTONOMOUS), Nagercoil

*Affiliated to Manonmaniam Sundaranar University 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
J. JERSHIYA RINI	2021AUC104
S. K. JEYA SUBA	2021AUC105
J. JOSBIN JULIUT NISHIKA	2021AUC106
N. KHANA SARASWATY	2021AUC107
V. KOWSALYA	2021AUC108
S. LIBUJA	2021AUC109

Under the Guidance of

K. FRANCY

Assistant Professor of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL**

Accredited with A⁺ Grade (CGPA 3.35 – IV Cycle) by NAAC A
Affiliated to Manonmaniam Sundaranar University, Tirunelveli

MARCH, 2024

K. Francy

Assistant Professor,

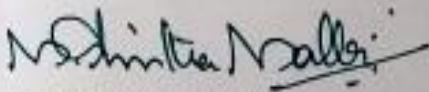
PG & Research Department of Chemistry, Holy
Cross College (AUTONOMOUS), Nagercoil –
629 004.

CERTIFICATE

This is to certify that the project entitled "**BIOSYNTHESIS OF SILVER NANOPARTICLES FROM JUSTICA ADBATODA AND VITEX NEGUNDA**" submitted by J. Jershiya Rini, S. K. Jeya Suba, J. Josbin Juliut Nishika, N. Khana Saraswathy, V. Kowsalya, S. Libuja of III B. Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfilment of the requirements for the award of the Degree of Bachelor's of Science in Chemistry is a bonafide record of the work done by them under my supervision and guidance.

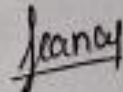
Place : Nagercoil

Date : 26.03.2024



Dr. M. Anitha Malbi

(Head of the Department)



K. Francy

(Supervisor)

Examiner

" H. Rajitha
26/3/2024

DECLARATION

We hereby declare that the project work entitled "BIOSYNTHESIS OF SILVER NANOPARTICLES FROM JUSTICA ADBATODA AND VITEX NEGUNDA" submitted by us for the degree of Bachelor of Science in Chemistry done under the guidance of K. Francy, Assistant Professor, Department of Chemistry, Holy Cross College (Autonomous) was done by us and it has not been submitted for the award of any other degree, diploma, associateship Or fellowship of any other University or Institute.

Place : Nagercoil

Name and Signature of the Students

Date : 26.03.2024.

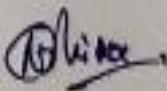
J. Jershiya Rini



S. K. Jeya Suba

S.K. Jeya Suba

J. Josbin Juliut Nishika



N. Khana Saraswathy

N. Khana Saraswathy

V. Kowsalya

V. Kowsalya

S. Libuja

S. Libuja

**GREEN SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL
ACTIVITY OF CHROMIUM OXIDE NANOPARTICLES
SYNTHESISED USING *Ecbolium ligustrinum* ETHANOLIC EXTRACTS**

*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

I.A. Sherly	2021AUC118
L. Toni Lishika	2021AUC119
S. Tribina Mathumalar	2021AUC120
V. Vinisha Sherin.	2021AUC121
A.Vishale	2021AUC122
K. Kaviya.	2021AUC403

*Under the Guidance of
Dr. L. Deva Vijila
Assistant Professor*

Holy Cross College (Autonomous), Nagercoil.



**DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-6297004**

MARCH 2024

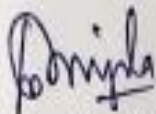
Dr. L. Deva Vijila
Assistant Professor of Chemistry
Holy Cross College (Autonomous), Nagercoil.

CERTIFICATE

This is to certify that the project work entitled "Green Synthesis, Characterization and Antibacterial Activity of Chromium Oxide Nanoparticles Synthesised using *Ecbolium ligustrinum* Ethanolic Extracts" submitted by I. A. Sherly, L. Toni Lishika, S. Tribina Mathumalar, V. Vinisha Sherin, A.Vishale, K. Kaviya of III B.Sc Chemistry, Holy Cross College (Autonomous) in partial fulfilment 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.

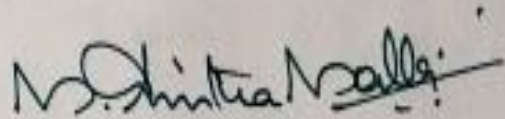
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Date: 25-03-2024



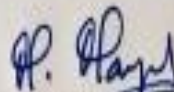
Dr. L. Deva Vijila

(Supervisor)



Dr. M. Anitha Malbi

(Head of the Department)



Examiner 25/3/2024

DECLARATION

We hereby declare that the project work entitled "Green Synthesis, Characterization and Antibacterial Activity of Chromium Oxide Nanoparticles Synthesised using *Ecbolium ligustrinum* Ethanolic Extracts" 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. L. Deva Vijila, 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: 25-03-2024

I.A. Sherly

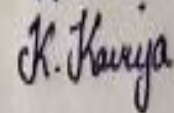
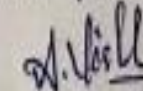
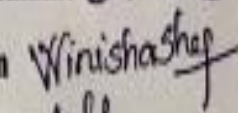
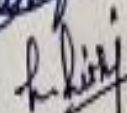
L. Toni Lishika

S. Tribina Mathumalar & Tribina

V. Vinisha Sherin

A. Vishale

K. Kaviya



DEPARTMENT OF BOTANY

**Investigating the Antimicrobial Efficacy and Chemical Profiling of Leaves
of *Citrus medica* L. Essential Oil Extracts against Multi-Drug Resistant
Pathogens**

Project report submitted to

Manonmaniam Sundaranar University, Tirunelveli

In partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BOTANY

Submitted by

A. Anisha -2021AUB123

D.Sahaya Felcia - 2021AUB131



Under the guidance of

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

DEPARTMENT OF BOTANY

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-629 004



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

Head of the Department,
Department of Botany,
Holy Cross College (Autonomous),
Nagercoil- 629004,
Kanyakumari District.

CERTIFICATE

This is to certify that the thesis entitled "**Investigating the Antimicrobial Efficacy and Chemical Profiling of Leaves of *Citrus medica L.* Essential Oil Extracts against Multi-Drug Resistant Pathogens**" submitted in partial fulfillment of the requirement for the award of degree of bachelor of science in botany is a recorded original research work done by **A. ANISHA** (Reg.No.2021AUB123), **D.SAHAYA FELCIA** (Reg.No.2021AUB131) in the period of June 2023-October 2024 in the Department of Botany at Holy Cross College (Autonomous) Nagercoil under my supervision and guidance and the project work has not been previously done by any other candidates for award of any degree or diploma.

Place: *Nagercoil*

Date: *31-10-2023*

Anami
Signature of the Guide

[DR. A. Anami Augustus Arul, M.Sc., M.Phil., Ph.D.]

Anami
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.

External Examiners

M. Madhuri
31/10/23

DECLARATION

This is to declare that thesis work entitled "**Investigating the Antimicrobial Efficacy and Chemical Profiling of Leaves of *Citrus medica* L. Essential Oil Extracts against Multi-Drug Resistant Pathogens**" is an authentic record of the work done by us under the supervision and guidance of Dr. A. Anami Augustus Arul, Head of Botany Department, Holy Cross College (Autonomous), Nagercoil, and this report has not been submitted elsewhere for any degree or diploma studies.

A.ANISHA - 2021AUB123

D.SAHAYA FELCIA - 2021AUB131

INTRODUCTION

Extraction technology plays a pivotal role in sustaining both the agro-food and processing industries, meeting the evolving demand of modern consumers who favor natural, health-beneficial products with minimal side effects. Among these natural offerings, essential oils, comprising volatile compounds, are harnessed through various methods from plant components such as flowers, leaves, twigs, and seeds. These essential oils, extracted from aromatic plants, serve as vital export commodities, finding applications in fragrance, cosmetics, pharmaceuticals, and the beverage industry, with products like air fresheners and deodorizers being particularly popular (Chanthaphon *et al.*, 2008; Mebberly, 2004; Tomi *et al.*, 1999).

In the realm of medicine, essential oils have found recognition across diverse fields, including pharmacy, balneology, massage, and homeopathy, where they play a pivotal role in drug production and various therapeutic approaches. Essential oils (EOs) are oily, volatile substances inherent in all botanicals, arising as products of plants' secondary metabolism. They encompass a blend of aldehydes, hydrocarbons, terpenes, and phenols and are distributed throughout various plant organs, including stems, leaves, seeds, flowers, and fruits. EOs can also be found in secretory cells, channels, epidermal cells, and glandular trichomes (Vásquez *et al.*, 2001).

These versatile EOs have a long history in traditional medicine and perfumery, and today, they serve as essential preservatives and elemental components in various industries, ranging from food to pharmaceuticals, contributing to the production of items like perfumes, cosmetics, flavorings, and food products. Notably, EOs exhibit diverse effects, including their role as anti-parasitic, antiviral, insecticidal, fungicidal, and bactericidal agents. They are considered safe, biodegradable, and a natural alternative for controlling postharvest pathogens, with the designation of Generally Recognized as Safe (GRAS) substances in various food investigations (Castañeda *et al.*, 2007; Das *et al.*, 2021).

Given the escalating challenge of antibiotic resistance, there is a growing need to explore alternative antimicrobial agents. Natural compounds, particularly essential oils derived from plants, have garnered attention due to their diverse chemical compositions and relatively low toxicity to humans. In this context, *Citrus medica*, commonly known as Citron, has emerged as a promising plant. Not only does Citron hold culinary and medicinal significance, but its essential oil is valued for its aromatic and therapeutic properties.

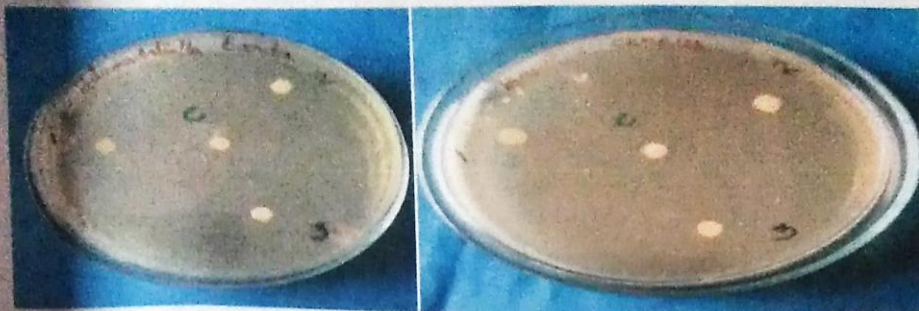


Fig No. 3 Zone of Inhibition of *Edwardsiella tarda* and *Bacillus cereus* in *Citrus medica* leaf oil

Aeromonas hydrophila: In the presence of *Citrus medica* leaf oil there is a zone of inhibition of 18 mm and there is no zone formation in the control. This result suggests that *Aeromonas hydrophila* is sensitive to *Citrus medica* leaf oil extract, as evidenced by the clear zone of inhibition (Fig. No. 2).

Edwardsiella tarda: There is no zone of inhibition observed for *Edwardsiella tarda* when exposed to *Citrus medica* leaf oil and there is no zone of inhibition in the control too. This indicates that *Edwardsiella tarda* is resistant to *Citrus medica* leaf oil extract (Fig. No. 3).

Bacillus cereus: Similar to *Edwardsiella tarda*, there is no zone of inhibition observed for *Bacillus cereus* when exposed to *Citrus medica* leaf oil extract and there is no zone of inhibition in the control too. This suggests that *Bacillus cereus* is resistant to *Citrus medica* leaf oil extract (Fig. No. 3).

Bacillus subtilis: In the presence of *Citrus medica* leaf oil there is a zone of inhibition of 8,8 and 10 mm. However, in the control there is no zone of inhibition. These results suggest that *Bacillus subtilis* is sensitive to *Citrus medica* leaf oil extract but slightly less sensitive than to *Aeromonas hydrophila* (Fig. No. 2).

Aeromonas hydrophila is sensitive to *Citrus medica* leaf oil. *Edwardsiella tarda* and *Bacillus cereus* appear to be resistant to *Citrus medica* leaf oil. *Bacillus subtilis* is sensitive to *Citrus medica* leaf oil extract but with less zone of inhibition

These results were similar with other researchers that citrus essential oil inhibited *S. aureus*, *B. subtilis*, and *E. coli* with MICs of 1%, 2% and 2% (v/v), respectively (Guo, *et.al.*, 2018). The antimicrobial activity of essential oil from the fresh leaf of *C. medica* L. var. *sarcodactylis* is suspected to be associated

**-BACTERIOLOGICAL CONTAMINATION OF BOREHOLE
WATER IN RELATION TO SEPTIC TANK IN KANYAKUMARI
DISTRICT, TAMILNADU²⁹**

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

Submitted by

P. Jeya Arockia Anusha (Reg.No :2021AUB127)

J. Geetha (Reg.No :2021AUB456)

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

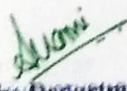
NAGERCOIL - 629004

OCTOBER - 2023

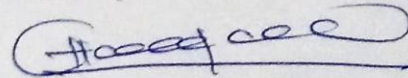
Dr. J. ALBINO WINS M.Sc., M.Phil., PGDIPR., Ph.D,
Assistant Professor, Department of Botany,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

This is to certify that the thesis entitled "**BACTERIOLOGICAL CONTAMINATION OF BOREHOLE WATER IN RELATION TO SEPTIC TANK IN KANYAKUMARI DISTRICT, TAMILNADU**" 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. **P. Jeya Arockia Anusha** (Reg. No : 2021AUB127) and Miss. **J. Geetha** (Reg. No :2021AUB456) during the period of July 2021 to November 2023 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.

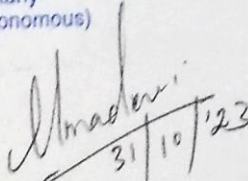

Head of the Department M.Sc., M.Phil., Ph.D.
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Nagercoil-4.

Guide/ Supervisor

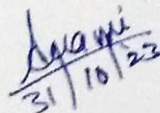


(Dr. J. Albino Wins)

External Examiner 1:


31/10/23

External Examiner 2:


31/10/23

Miss. P. Jeya Arockia Anusha (Reg. No. 2021AUB127),

Miss. J. Geetha (Reg. No. 2021AUB456),

III B.Sc. Botany,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

DECLARATION

This is to certify that the thesis entitled "**BACTERIOLOGICAL CONTAMINATION OF BOREHOLE WATER IN RELATION TO SEPTIC TANK IN KANYAKUMARI DISTRICT, TAMILNADU**"

is an authentic record of the work done by us under the supervision and guidance of Dr. J. Albino Wins M.Sc., M.Phil., PGDIPR., Ph.D, Assistant Professor, Department of Botany, Holy Cross College (Autonomous), Nagercoil, in partial fulfilment of the requirements before for any other degree.

Place :Nagercoil,

1. **P. Jeya Arockia Anusha** (Reg. No. 2021AUB127) *Anusha P.*

Date : 31-10-2023

2. **J. Geetha** (Reg. No. 2021AUB456) *J. Geetha*

1. INTRODUCTION

Natural groundwater in most part of the world is uncontaminated. Recent research studies have shown that there is possibility of contamination of ground water through anthropogenic activities. These have resulted in changes in the physical and biochemical characteristics of ground water, making it difficult to meet the needs of the intended users. The typical sources of wastewater entering septic tanks include black water from toilets (approximately 38%), grey waters from laundry (25%), baths (22%) and kitchen sinks (15%). A standard septic tank is so designed to manage sewage inhabiting bacteria, viruses, nitrate, inorganic and other organic compounds (Fouche *et al.*, 2019). The danger to the immediate surrounding is the infiltration of the untreated sewage to the soil or surface water flood or leaching.

Underground water contamination can be caused by several sewage effluents that by-pass the earth's geological filter and other adsorption processes. Sewage or domestic effluents are of great concern to public health when untreated and their leachability remains unchecked by relevant agencies. For instance, effluents from conventional septic tanks have been known to record certain mind troubling amounts of biological contaminants (THB, FCB, TCB, COD and BOD) (Ugbebor & Ntesat, 2019). Heavy metals that are often found in wastewater include but not limited to Cu, Cd, Cr, Hg, Fe, Zn, Mo, V, Mn and Bo (Oyemet *et al.*, 2020). Individual household

Plate 5 : Growth in Blood Agar Plates (No Hemolysis)

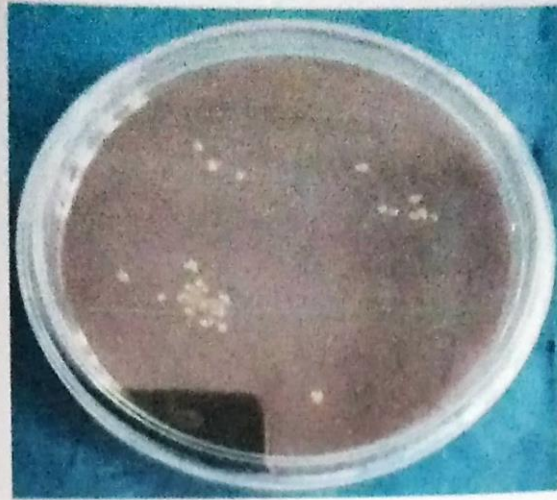


Plate 6 : Growth in Macconkey Agar



Plate 7 : Gas Formation in Lactose Broth with Durhams Tube



**UV-VIS, FT-IR and GC-MS spectral analysis of edible
varieties of *Rosa × centifolia* L. and *Rosa × damascena* Mill.
petal extracts**

Project report submitted to the

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 BOTANY

Submitted by

J. Jainab Meera 2021AUB126

R. Ishwarya 2021AUB125

Under the Guidance of

Dr. A.R.Florence, Ph.D.,

Assistant professor, Department of Botany,

Holy Cross College (Autonomous), Nagercoil



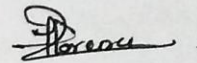
**DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE(AUTONOMOUS)
NAGERCOIL-629 004**

CERTIFICATE

This is to certify that the project work entitled “UV-VIS, FT-IR and GC-MS Spectral Analysis of edible varieties of *Rosa × centifolia* L. and *Rosa × damascena* Mill. Petal extracts” is the bonafide record of the group project work done by Jainab Meera. J and Ishwarya. R, under my supervision and guidance during the academic year 2023-2024. I further certify that this project is true and original work of the candidates submitted in partial fulfillment of the requirement for the Degree of Bachelor of Botany and has not been previously done by any other candidate for the award of any degree or diploma.

Place: Nagercoil

Date: 31/10/2023



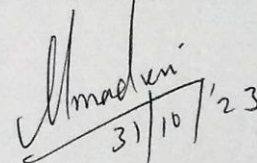
Signature of the Guide,

[Dr. A.R. Florence, Ph.D.]

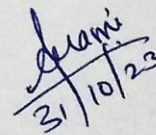


Head of the Department
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Nagercoil-4.

External Examiners



31/10/23



31/10/23

DECLARATION

We **J. Jainab Meera** and **R. Ishwarya**, hereby declare that the project work entitled “**UV-VIS, FT-IR and GC-MS Spectral Analysis of edible varieties of *Rosa × centifolia* L. and *Rosa × damascena* Mill. petal extracts**” is a record of original work done by us under the guidance and supervision of **Dr. A.R. Florence, Ph.D., Assistant Professor, Department of Botany**, submitted to the Holy Cross College (Autonomous), Nagercoil. This report has not been submitted elsewhere for any degree or diploma.

NAME

REG.NO

SIGNATURE

J. JainabMeera

2021AUB126

J. Jainab

R. Ishwarya

2021AUB125

R. Ishwarya

Dr.A.R. Florence Ph.D.,

Assistant Professor,

Department of Botany,

Holy Cross College (Autonomous)

Nagercoil-629 004.

INTRODUCTION

'Flowers' are the most beautiful and charismatic gift of nature. Flowers are not just flowers, but they are a feast of eyes. Along with humans, even the birds, butterflies and other creatures, all fascinate to flowers. The presence of flowers in life has a great impact on the state of mind and emotions. And when we talk about flowers, we are most likely liable to think about roses first. Roses being the most admired and savored flower to communicate emotions like love, trust and joy; holds a high symbolic value among the garden ornamental plants and industry of perfumes and cosmetics. According to studies there are thousands of beautiful flowers exist on the earth, among them Roses are the masterpiece of all the flowers as it emits beautiful positive feelings (Holman, 1994; Baser, *et al.*, 2012; Mahhoubi, 2016; Akram *et al.*, 2020; Labban and Thallaj, 2020).

1.1. History of Rose

Roses have a long and colorful history and are symbols of love, beauty and devotion. According to fossil evidence, the rose is 35 million years old. In nature, the genus *Rosa* has some 200 species spread throughout the Northern Hemisphere, from Alaska to Mexico and including Northern Africa. Cultivation of roses in Garden began some 5000 years ago, probably in China (Wesis, 1997; Guddin, 2000). A variety of roses are generally cultivated in home and garden for beautification in many parts of the world. Its rich fragrance has perfumed human history for generations (Rose, 1999). The beauty and fragrance of rose flowers have been known since ancient times. The first historical reports of roses were found in old Chinese and Sanskrit texts. Fossil findings dating from about 40 million years ago indicate that *Rosa* species have existed on the planet since at least that time. Up to the present day, roses are one of the most important groups of ornamental plants, a sign of inspiration, purity, love, happiness, and beauty, called the "Gift of angles", "Queen of

and Punjab states. Bulgarian and Indian Rose have quality Fragrance due to its soil temperature and atmosphere. Indian rose is commonly found and cultivated plant throughout cold and temperature climatic part of India cultivated abundance throughout world (Phillips, 2004).

Rosa damascena plants of the family are worldwide in distribution and are abundant in Europe, North America, and Eastern Asia. Now widely cultivated throughout the world. It is mostly cultivated in Bulgaria, Turkey, and India. It contains 115 genera and 3200 species out of which 257 species are found in India. Now it is endemic to Iran (Chaudhiri, 1987).



Plate: 3.1 *Rosa centifolia* L.



Plate: 3.1 *Rosa damascena* Mill.

DEPARTMENT OF ZOOLOGY

B.Sc. 128

**DIVERSITY OF BIVALVES AND GASTROPODS ALONG ENAYAM COASTS,
KANNIYAKUMARI, 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**

Submitted By

AADHARSHA G.K - (Reg. No.: 2021AUZ133)
ANUSHA K - (Reg. No.: 2021AUZ140)
DEENU F - (Reg. No.: 2021AUZ141)
REMI THASNI S - (Reg. No.: 2021AUZ150)
AKISHA MOL S - (Reg. No.: 2021AUZ407)

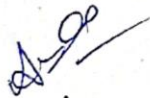


**DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL**

NOVEMBER 2023

BONAFIDE CERTIFICATE

This is to certify that the project entitled "DIVERSITY OF BIVALVES AND GASTROPODS ALONG ENAYAM COASTS, KANNIYAKUMARI, INDIA" is a bonafide record of work done by Ms. G.K. Aadharsha (Reg. No.: 2021AUZ133), Ms. K. Anusha (Reg. No.: 2021AUZ140), Ms. F. Deenu (Reg. No.: 2021AUZ141), Ms. S. Remi Thasni (Reg. No.: 2021AUZ150) and Ms. S. Akisha Mol (Reg. No.: 2021AUZ407) under the guidance and supervision of Dr.C.Anitha, during their tenure towards the partial fulfilment 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

Dr.A. SHYLA SUGANTHI, M.Sc., Ph.D.
HOD, Department of Zoology
Holy Cross College (Autonomous)

Submitted for Viva Voce Examination held on ... 21.10.2021 ... Nagercoil - 629 004



External Examiner


Dr. C. Anitha , M.Sc.,B.Ed, M.Phil., Ph.D,
Assistant Professor,
Department of Zoology,
Holy Cross College (Autonomous)
Nagercoil-4

CERTIFICATE

This is to certify that the project entitled "DIVERSITY OF BIVALVES AND GASTROPODS ALONG ENAYAM COASTS, KANNIYAKUMARI, INDIA" is a bonafide record of work done by Ms. G.K. Aadharsha (Reg. No.: 2021AUZ133), Ms. K. Anusha (Reg. No.: 2021AUZ140), Ms. F. Deenu (Reg. No.: 2021AUZ141), Ms. S. Remi Thasni (Reg. No.: 2021AUZ150) and Ms. S. Akisha Mol (Reg. No.: 2021AUZ407) under my supervision during their tenure towards the partial fulfilment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.

Place: Nagercoil

Date: 30/10/2023


Dr. C. Anitha

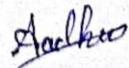

Supervisor

DECLARATION

We hereby affirm that the project work entitled "DIVERSITY OF BIVALVES AND GASTROPODS ALONG ENAYAM COASTS, KANNIYAKUMARI, INDIA" being submitted to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfillment of the degree of Bachelor of Science in Zoology was entirely carried out by us at the Department of Zoology, Holy Cross College, Nagercoil, under the guidance of Dr. C. Anitha, Assistant Professor in the Department of Zoology, Holy Cross College, Nagercoil and this work has not been submitted elsewhere for any other degree.

Place : Nagercoil

Date : 31-10-2023

Name of the Student	Reg. No.	Signature
G. K. AADHARSHA	2021AUZ133	
K. ANUSHA	2021AUZ140	K. Anusha.
F. DEENU	2021AUZ141	
S. REMI THASNI	2021AUZ150	S. Remi
S. AKISHA MOL	2021AUZ407	Akisha

B.Sc. 132

**BIODIVERSITY OF ARTHROPODS IN KANYAKUMARI DISTRICT: A REGIONAL
PERSPECTIVE**

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

Sr. Anto Monisha S	Reg. No: 2021AUZ138
Mathija. M	Reg. No: 2021AUZ146
Ubasana J	Reg. No: 2021AUZ154
Pradisha S	Reg. No: 2021AUZ450



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

OCTOBER 2023

Dr. S. Prakash Shoba, M.Sc., M.Phil., Ph.D,
Asst. Professor,
Department of Zoology,
Holy Cross College (Autonomous),
Nagercoil-4.

CERTIFICATE

This is to certify that the project entitled “Biodiversity of Arthropods in Kanyakumari District: A Regional Perspective” is a bonafide record of work done by Ms. Sr. S. Anto Monisha, Ms. M. Mathija, Ms. J. Ubasana and Ms. S. Pradisha under my supervision during their tenure towards the partial fulfilment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.

Place: Nagercoil

Date: 30.10.2023



Dr. S. Prakash Shoba

Supervisor

DECLARATION

We hereby affirm that the project work entitled "Biodiversity of Arthropods in Kanyakumari District: A Regional Perspective" being submitted to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfilment of the degree of Bachelor of Science in Zoology was entirely carried out by us at the Department of Zoology, Holy Cross College, Nagercoil, under the guidance of Dr. S. Prakash Shoba, Assistant Professor in the Department of Zoology, Holy Cross College, Nagercoil and this work has not been submitted elsewhere for any other degree.

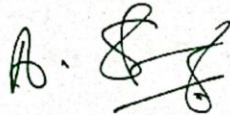
Place: Nagercoil

Date:

Name of the Student	Reg. No.	Signature
Sr. Anto Monisha S	Reg. No: 2021AUZ138	Sr. Anto Monisha
Mathija. M	Reg. No: 2021AUZ146	M. Mathija
Ubasana J	Reg. No: 2021AUZ154	Ubasana J.
Pradisha S	Reg. No: 2021AUZ450	Pradisha S.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Biodiversity of Arthropods in Kanyakumari District: A Regional Perspective" is a bonafide record of work done by Ms. Sr. S. Anto Monisha, Ms. M. Mathija, Ms. J. Ubasana and Ms. S. Pradisha under the guidance and supervision of Dr. S. Prakash Shoba, during their tenure towards the partial fulfilment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.

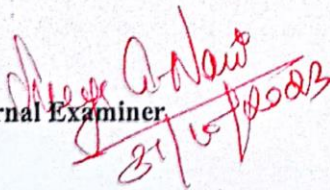


Dr. A. SHYLA SUGANTHI, M.Sc., Ph.D.
Head of the Department
HOD, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil-629 004


Supervisor

Submitted for Viva Voce Examination held on 31.10.2023

External Examiner


21/10/2023

B.Se. 129

STUDY OF FINGERPRINT PATTERNS IN RELATION TO ABO BLOOD GROUPS

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

NAME	REGISTER NUMBER
R. ABI ESTHER	2021AUZ134
N. DHARSHINI	2021AUZ142
K. SARANYA	2021AUZ151
T. SOWMIYA	2021AUZ408

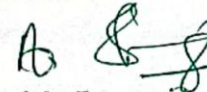


**DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL -629004
October, 2023**

BONAFIDE CERTIFICATE

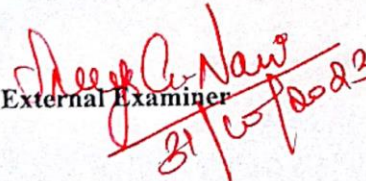
This is to certify that the project "Study of Fingerprint Patterns in Relation to ABO Blood Groups" submitted by R. Abi Esther (2021AUZ134), N. Dharshini (2021AUZ142), K. Saranya (2021AUZ151) and T. Sowmiya (2021AUZ408) to Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University, Tirunelveli towards the partial fulfilment of the requirements for 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. P.T. Arokya Glory, Asst. Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil.

P.T. Arokya Glory
Supervisor


Head of the Department

Dr.A. SHYLA SUGANTHI, M.Sc., Ph.D.
HOD, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil-629 004

Submitted for Viva Voce Examination held on 31.10.23


External Examiner
31/10/2023

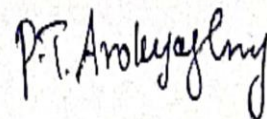
Dr. P.T. Arokya Glory, M.Sc., M. Phil., B.Ed., Ph.D.
Assistant Professor,
Department of Zoology,
Holy Cross College (Autonomous)
Nagercoil - 629 004

CERTIFICATE

This is to certify that the project report entitled "Study of Fingerprint Patterns in Relation to ABO Blood Groups" is a bonafide record of work done by R. Abi Esther (2021AUZ134), N. Dharshini (2021AUZ142), K. Saranya (2021AUZ151) and T. Sowmiya (2021AUZ408) under my supervision during their tenure towards partial fulfilment of the requirement for the degree of **Bachelor of Science in Zoology** at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli. This project report or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 31-10-23



(Dr. P.T. Arokyia Glory)

Supervisor

DECLARATION

We do hereby affirm that the project report entitled “Study of Fingerprint Patterns in Relation to ABO Blood Groups” 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 (R. Abi Esther (2021AUZ134), N. Dharshini (2021AUZ142), K. Saranya (2021AUZ151) and T. Sowmiya (2021AUZ408) studies carried out under the guidance of Dr. P.T. Arokya Glory, Assistant Professor in the Department of Zoology, Holy Cross College, (Autonomous), Nagercoil and this work has not been submitted elsewhere for any other degree.

Place: Nagercoil
Date: 31-10-23

Name	Reg. No.	Signature
R. Abi Esther	2021AUZ134	R. Abi Esther.
N. Dharshini	2021AUZ142	Dharshini.N
K. Saranya	2021AUZ151	K. Saranya.
T. Sowmiya	2021AUZ408	T. Sowmiya.

B.Sc. 127

**Antibacterial activity of the tissue extracts of Marine crab,
*Lauridromia dehaani***

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

ZOOLOGY

By

VINNARASI. A	-	2021AUZ092
ANU FLOWERCY. A	-	2021AUZ139
NISOLIN RAJEE. I	-	2021AUZ147
VARSHINI. J	-	2021AUZ155
SAHAYA MINI A.	-	2021AUZ451



DEPARTMENT OF ZOOLOGY HOLY CROSS COLLEGE

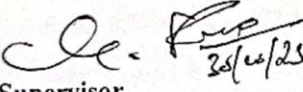
(AUTONOMOUS)


NAGERCOIL

OCTOBER-2023.

BONAFIDE CERTIFICATE

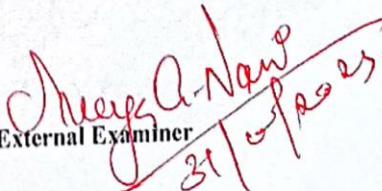
This is to certify to the project entitled “Antibacterial activity of the tissue extracts of Marine crab, *Lauridromia dehanni*” submitted by Vinnarasi. A (2021AUZ092), Anu Flowercy. A (2021AUZ139), Nisolin Rajee. I (2021AUZ147), Varshini. J (2021AUZ155) and Sahaya Mini. A (2021AUZ451), to Holy Cross College Nagercoil, affiliated to Manonmaniam Sundaranar University, in partial fulfillment of the requirements for the award of 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

Dr. A. SHYLA SUGANTHI, M.Sc., Ph.D.,
HOD, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil - 629 004

Submitted for Viva Voce Examination held on 31.10.23.


External Examiner

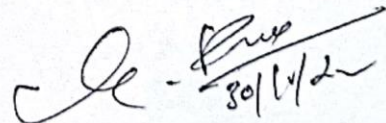
Dr. A. Punitha. M. Sc., M.Phil., Ph.D
Assistant Professor in Zoology,
Holy Cross College (Autonomous),
Nagercoil – 4.

CERTIFICATE

This is to certify that the project entitled “**Antibacterial activity of the tissue extracts of Marine crab, *Lauridromia dehanni***” submitted by Vinnarasi. A (2021AUZ092), Anu Flowercy. A (2021AUZ139), Nisolin Rajee. I (2021AUZ147), Varshini. J (2021AUZ155) and Sahaya Mini. A (2021AUZ451), under my supervision 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.

Place: Nagercoil.

Date: 31.10.23.



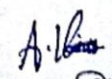

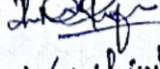
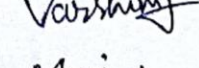
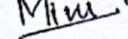
Dr. A. Punitha

DECLARATION

I do hereby declare that this dissertation entitle," **Antibacterial activity of the tissue extracts of Marine crab, *Lauridromia dehanni***" submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to Mononmaniam Sundaranar University, Tirunelveli, in partial fulfillment of the requirements of degree of Bachelor of Science in Zoology, is the result of the original and independent work carried by me, under the guidance Dr, A. Punitha, M. Sc., M.Phil., Ph. D., Assistant Professor in Zoology, Holy Cross College (Autonomous), Nagercoil and this work has not been submitted elsewhere for the award of any other degree.

Place: Nagercoil.

Date: 31.10.23.

NAME OF THE STUDENTS.	REG. NO.	SIGNATURE
VINNARASI. A	2021AUZ092	
ANU FLOWERCY. A	2021AUZ139	
NISOLIN RAJEE. I	2021AUZ147	
VARSHINI. J	2021AUZ155	
SAHAYA MINI. A	2021AUZ451	

B.Sc. 131

**EVALUATION OF FACTORS CAUSING ANXIETY AND
DEPRESSION IN 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

I. ABISHA
S. BERCLIN
J. KENISH MITHIYAL
M. SHAFNA SHERIN


- 2021AUZ136
- 2021AUZ449
- 2021AUZ145
- 2021AUZ153




**HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
OCTOBER 2023**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EVALUATION OF FACTORS CAUSING ANXIETY AND DEPRESSION IN YOUNG WOMEN OF KANYAKUMARI DISTRICT" is a bonafide record of work done by Ms. I. Abisha, Ms. S. Berlin, Ms. J. Kenish Mithiyal and Ms. M. Shafna Sherin under the guidance and supervision of Dr. Jeni Chandar Padua, during their tenure towards the partial fulfilment 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
DR. A. SHYLA SUGANTHI, M.Sc., Ph.D.
HOD, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil - 629 004

Submitted for Viva Voce Examination held on 31.10.2023


External Examiner


Dr. Jeni Chandar Padua, M.Sc., MA, B.Ed, M.Phil., Ph.D,
Asst. Professor,
Department of Zoology,
Holy Cross College (Autonomous)
Nagercoil-4

CERTIFICATE

This is to certify that the project entitled "EVALUATION OF FACTORS CAUSING ANXIETY AND DEPRESSION IN YOUNG WOMEN OF KANYAKUMARI DISTRICT" is a bonafide record of work done by Ms. I. Abisha, Ms. S. Berlin, Ms. J. Kenish Mithiyal and Ms. M. Shafna Sherin under my supervision during their tenure towards the partial fulfilment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.

Place: Nagercoil

Date: 30/10/2023


Dr. Jeni Chandar Padua

Supervisor

DECLARATION

We hereby affirm that the project work entitled "EVALUATION OF FACTORS CAUSING ANXIETY AND DEPRESSION IN YOUNG WOMEN OF KANYAKUMARI DISTRICT" being submitted to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfillment of the degree of Bachelor of Science in Zoology was entirely carried out by us at the Department of Zoology, Holy Cross College, Nagercoil, under the guidance of Dr. Jeni Chandar Padua. Assistant Professor in the Department of Zoology, Holy Cross College, Nagercoil and this work has not been submitted elsewhere for any other degree.

Place : Nagercoil

Date : 30/10/23

Name of the Student	Reg. No.	Signature
I. ABISHA	2021AUZ136	D. Abisha
S. BERCLIN	2021AUZ449	Berlin.s
J. KENISH MITHIYAL	2021AUZ145	J Kenish Mithiyal
M. SHAFNA SHERIN	2021AUZ153	M. Shafna Sherin

DEPARTMENT OF COMPUTER SCIENCE

FINANCE FUSION

A Project Report submitted in partial fulfillment of the
Requirement for the degree of

BACHELOR OF COMPUTER SCIENCE

Manonmaniam Sundaranar University, Tirunelveli

BACHELOR OF COMPUTER SCIENCE

Submitted by

ABINAYA J (2021SUS024)

ANCIL CRUZ S (2021SUS026)

MARY LAVANYA L (2021SUS043)

SOPHIE SWETHA S (2021SUS054)

Under the Guidance of

Dr. R. REENA ROSE M.Sc., M Phil., PhD



DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629 004

OCTOBER 2023




HOLY CROSS COLLEGE (AUTONOMOUS)


Accredited with 'A+' Grade (CGPA 3.35) by NAAC



CERTIFICATE

This is to certify that the project entitled "FINANCE FUSION" is a bonafide work done by ABINAYA J (2021SUS024), ANCIL CRUZ S(2021SUS026), MARY LAVANYA L (2021SU043), SOPHIE SWETHA S(2021SUS054) in partial fulfillment for the award of the degree of BACHELOR OF COMPUTER SCIENCE during the academic year 2023-2024.


Internal Guide


Head of the Department

HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL

Submitted for the Viva Voce examination held at Holy Cross College on 30/12/2023


Internal Examiner


External Examiner

A WEB FRAMEWORK FOR CAREER CONNECT

A Project Report submitted in partial fulfillment of the
Requirement for the degree of

BACHELOR OF COMPUTER SCIENCE
Manonmaniam Sundaranar University, Tirunelveli

Submitted by

DIVYA BHARATHI.B (2021SUS033)

MARY VERSHINI.V (2021SUS044)

NAFISHA SHAMRIN.M (2021SUS047)

Under the Guidance of

Dr. S. IMMACULATE SHYLA M.C.A., M.Phil, Ph.D.



DEPARTMENT OF COMPUTER SCIENCE
HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629 004

October 2023



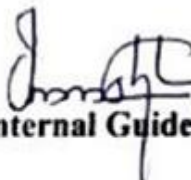
HOLY CROSS COLLEGE (AUTONOMOUS)

Accredited with 'A' Grade (CGPA 3.35) by NAAC



CERTIFICATE

This is to certify that the project entitled "A WEB FRAMEWORK FOR CAREER CONNECT" is a Bonafide work done by **DIVYA BHARATHI.B (2021SUS033)**, **MARY VERSHINI.V (2021SUS044)**, **NAFISHA SHAMRIN.M (2021SUS047)**, in partial fulfilment for the award of the degree of **BACHELOR OF COMPUTER SCIENCE** during the academic year 2023-2024.

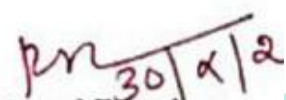

Internal Guide 20/10/23


Head of the Department

HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL

Submitted for the Viva Voce examination held at Holy Cross College on 30/X/2023


Internal Examiner


External Examiner



A HUB FOR TRACKING HEALTH

A Project Report submitted in partial fulfillment of the
Requirement for the degree of

BACHELOR OF COMPUTER SCIENCE

Manonmaniam Sundaranar University, Tirunelveli

Submitted by

SAHAYA SUBIKSHA S A (2021SUS048)

SEETHALAXMI V (2021SUS049)

BHAHIMA MUNAWARA B (2021SUS031)

Under the Guidance of

Dr. S. IMMACULATE SHYLA M.C.A., M.Phil., Ph.D



DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629 004

OCTOBER 2023

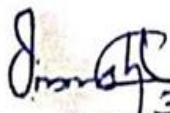
HOLY CROSS COLLEGE (AUTONOMOUS)


Accredited with 'A+' Grade (CGPA 3.35) by NAAC



CERTIFICATE


This is to certify that the project entitled "A HUB FOR TRACKING HEALTH" is a Bonafide work done by SAHAYA SUBIKSHA S A (2021SUS048), SEETHALAXMI V(2021SUS049), BHAHIMA MUNAWARA B(2021SU031) in partial fulfillment for the award of the degree of BACHELOR OF COMPUTER SCIENCE during the academic year 2023-2024.


Internal Guide 30/10/23


Head of the Department
HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL

Submitted for the Viva Voce examination held at Holy Cross College on 30/11/2023


Internal Examiner


External Examiner 30/11/2023

DEPARTMENT OF ENGLISH

Upheaval and Upliftment in John Green's *Turtles All the Way Down*
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 Arts

by

Name	Reg. No.
Abisha W.M.	2021AUE180
Adiksha Sherlin Nissi G.	2021AUE181
Akshallya A.S.	2021AUE182
Akshya R.	2021AUE183
Amala V. Anchana	2021AUE185

Under the guidance of
Ms. A. R. Jemi, M.A, M. Phil, NET



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

OCTOBER 2023


External Examiner



Upheaval and Upliftment in John Green's *Turtles All the Way Down*

PROJECT REPORT 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 Arts

by

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Abisha W.M.	2021AUE180
Adiksha Sherlin Nissi G.	2021AUE181
Akshallya A.S.	2021AUE182
Akshya R.	2021AUE183
Amala V. Anchana	2021AUE185

Under the guidance of

Ms. A. R. Jemi, M.A, M. Phil, NET



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

OCTOBER 2023



DECLARATION

We hereby declare that this project report entitled “Upheaval and Upliftment in John Green’s *Turtles All the Way Down*” is a bonafide record of work done by us under the guidance of Ms. A. R. Jemi, M.A, M. Phil, NET, 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
Abisha W.M.	2021AUE180	<u>Abisha</u>
Adiksha Sherlin Nissi G.	2021AUE181	<u>Adiksha</u>
Akshallya A.S.	2021AUE182	<u>Akshallya</u>
Akshya R.	2021AUE183	<u>Akshya</u>
Amala V. Anchana	2021AUE185	<u>Anchana</u>

Place: Nagercoil

Date: October 2023



Ms. A. R. Jemi, M.A, M. Phil, NET,

Assistant Professor of English,

Holy Cross College (Autonomous),

Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report "Upheaval and Upliftment in John Green's *Turtles All the Way Down*" submitted by Abisha W.M., Adiksha Sherlin Nissi G., Akshallya A.S., Akshya R., Amala V. Anchana is a bonafide project work done during 2023-2024 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: October 2023



Head of the Department

Dr. ALBY GRACE, M.A., M.Phil., Ph.D.
HEAD OF THE DEPARTMENT
PG & RESEARCH DEPT. OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004

(Dr. Alby Grace)

Guide



(Ms. A. R. Jemi)



Acknowledgment

Words are not enough to pour out our feelings and acknowledge everyone who made this work a successful one.

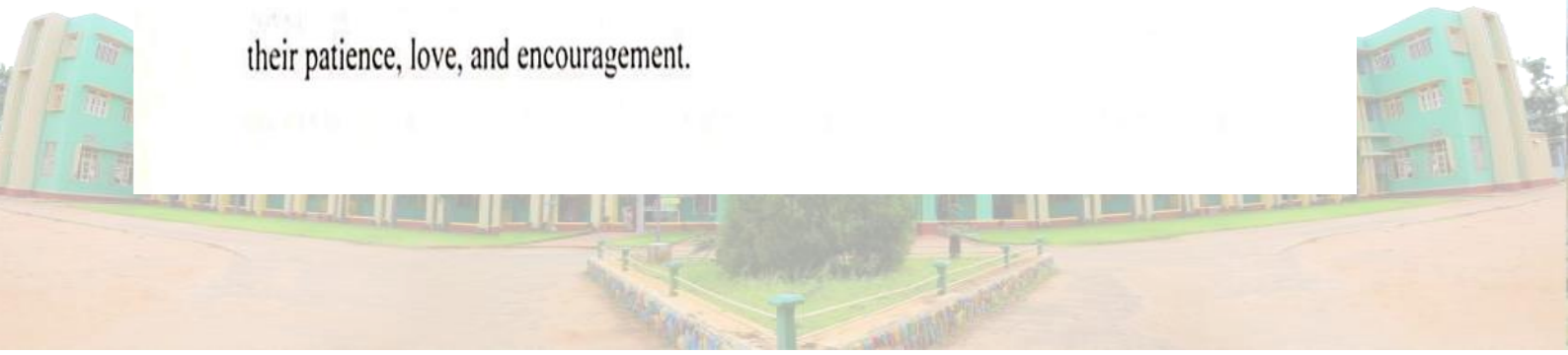
We thank the God Almighty, who showered his blessings on us to carry out this project successfully.

From the bottom of our hearts, we thank Ms. A. R. Jemi, our guide for her valuable guidance and support. She constantly supervised this project and made this work a successful one. She gave us confidence, encouragement, and support for the completion of the project.

We also thank our Head of the Department, Dr. Alby Grace, and all other faculty members of our department for their share in directing us toward our goal.

We owe our gratitude to our principal Dr. Sr. Sahayaselvi for her encouragement and support.

We also express our sincere gratitude towards our family members and friends for their patience, love, and encouragement.



**THE MYTH BEHIND THE AMERICAN DREAM:
A STUDY OF KRISTEN HANNAH'S *THE FOUR WINDS***

PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY
IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF
BACHELOR OF ARTS

Submitted by

Name	Reg. No
Amy Majella J.	2021AUE188
Asha J. Abby	2021AUE194
Breana J.	2021AUE200
Catherine Angel C.	2021AUE201
Chuthirsha A.	2021AUE202

Under the guidance of

Ms. A. Anishya Dani, M.A., SET



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

OCTOBER 2023

**THE MYTH BEHIND THE AMERICAN DREAM:
A STUDY OF KRISTEN HANNAH'S *THE FOUR WINDS***

PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY
IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF
BACHELOR OF ARTS

Submitted by

Name	Reg. No
Amy Majella J.	2021AUE188
Asha J. Abby	2021AUE194
Breena J.	2021AUE200
Catherine Angel C.	2021AUE201
Chuthirsha A.	2021AUE202

Under the guidance of

Ms. A. Anishya Dani, M.A., SET



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

OCTOBER 2023

Ms. A. Anishya Dani, M.A., SET
Assistant Professor of English,
P.G.& Research Department of English,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

This is to certify that the project *The Myth Behind the American Dream: A Study of Kristen Hannah's The Four Winds* submitted by Amy Majella, Asha J. Abby, Breena J., Catherine Angel, Chuthirsha is a research work done during 2023 under my supervision and guidance and 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 : October 2023



Head of the Department

Dr. Alby Grace, M.A., M.Phil., Ph.D.



Guide

Ms. A. Anishya Dani, M.A., SET

Dr. ALBY GRACE, M.A., M.Phil., Ph.D.
HEAD OF THE DEPARTMENT
PG & RESEARCH DEPT. OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004



DECLARATION

This project entitled *The Myth Behind the American Dream: A Study of Kristen Hannah's *The Four Winds** is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfilment of the requirements for the B.A. Degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

Name	Reg. No.	Signature
Amy Majella J.	2021AUE188	<i>Amy</i>
Asha J. Abby	2021AUE194	<i>Asha J. Abby</i>
Breena J.	2021AUE200	<i>Breena J.</i>
Catherine Angel	2021AUE225	<i>Catherine Angel. e</i>
Chuthirsha	2021AUE202	<i>Chuthirsha</i>

PLACE: Nagercoil

DATE: November 2023



ACKNOWLEDGEMENT

We owe our deep gratitude to God Almighty for His grace and blessings, which helped us to complete this project.

We are grateful to our secretary Dr. Sr. Mary Gilda, for providing this opportunity to undertake our project

We are grateful to our Principal Dr. Sr. S. Sahayaselvi, M.Com., M.Phil., Ph.D., NET, PGDCAB., for providing this opportunity to undertake our project.

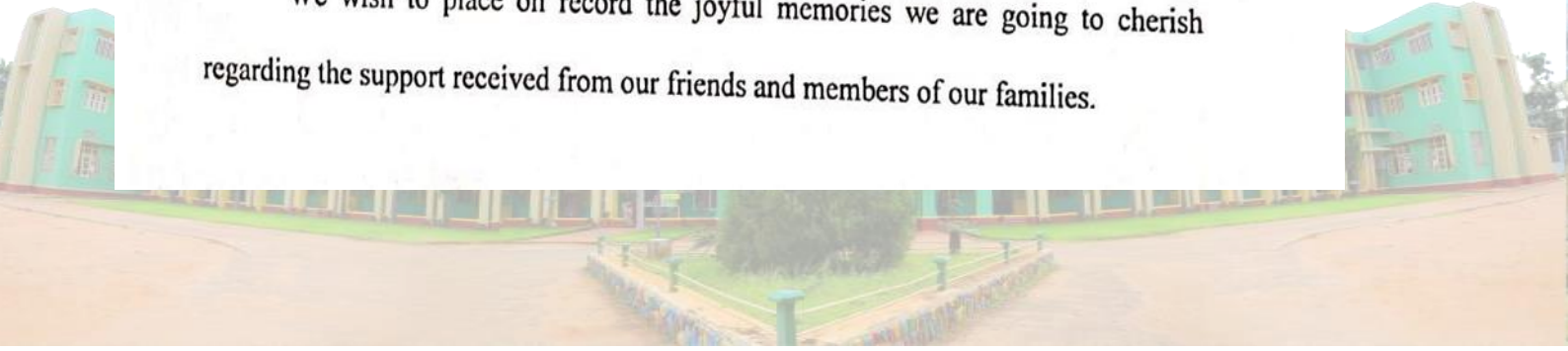
With a deep sense of gratitude, we thank you. Ms. A. Anishya Dani, M.A., SET for encouraging us to work on this topic and for giving us proper guidance to complete the work in time.

We owe our gratitude to Dr. Alby Grace, M.A., M.Phil., Ph.D., Head of the Department of English (Aided) of Holy Cross College (Autonomous) for giving us her encouragement and proper guidance to finish our goal in time.

We are thankful to our class teacher Ms. Nesavathy, M.A., M.A.(Ling.), M. Phil., NET, SET, for her constant encouragement and support.

We extend our gratitude to our parents who constantly encouraged us to go ahead with confidence in this academic venture.

We wish to place on record the joyful memories we are going to cherish regarding the support received from our friends and members of our families.



**Trauma and Human Existence: A Psychoanalytical Reading of Preeti
Shenoy's Novel *Life Is What You Make It***

Project Report Submitted to

Holy Cross College (Autonomous), Nagercoil

Affiliated to Manonmaniam Sundaranar University

in Partial Fulfilment of the Requirement

for the Award of the Degree of

BACHELOR OF ARTS

Submitted by

Name	Reg.No
T. Angelin Suruthi	2021AUE189
J. Arockia Shana	2021AUE191
Arshithya M. Justin	2021AUE193
J. Binola	2021AUE199
E. Anto Caroline	2021AUE447

Under the guidance of

Ms. A. Judes Jalaja M.A., M. Phil., PGDCA



PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

OCTOBER 2023

**Trauma and Human Existence: A Psychoanalytical Reading of Preeti
Shenoy's Novel *Life Is What You Make It***

Project Report Submitted to

Holy Cross College (Autonomous), Nagercoil

Affiliated to Manonmaniam Sundaranar University

in Partial Fulfilment of the Requirement

for the Award of the Degree of

BACHELOR OF ARTS

Submitted by

Name	Reg.No
T. Angelin Suruthi	2021AUE189
J. Arockia Shana	2021AUE191
Arshithya M. Justin	2021AUE193
J. Binola	2021AUE199
E. Anto Caroline	2021AUE447

Under the guidance of

Ms. A. Judes Jalaja M.A., M. Phil., PGDCA



PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

OCTOBER 2023

Ms. A. Judes Jalaja M.A., M. Phil., PGDCA

Assistant Professor of English,

P.G.& Research Department of English,

Holy Cross College (Autonomous),


Nagercoil - 629 004.

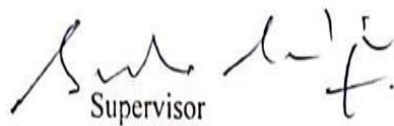
CERTIFICATE

This is to certify that the project report titled "Trauma and Human Existence: A Psychoanalytical Reading of Preeti Shenoy's Novel *Life Is What You Make It*" submitted by J. Binola, E. Anto Caroline, T. Angelin Suruthi, J. Arockia Shana, Arshithya M. Justin, is a bonafide project work done during the academic year 2023-2024 under my supervision and that the project has not previously formed the basis for the award to a candidate of any Degree, Diploma or any similar title.

PLACE: Nagercoil

DATE: October 2023


Head of the Department
Dr. ALBY GRACE, M.A., M.Phil., Ph.D.
(Dr. Alby Grace)
HEAD OF THE DEPARTMENT
PG & RESEARCH DEPT. OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004


Supervisor

(Ms. A. Judes Jalaja)

DECLARATION

We hereby declare that this project report entitled "Trauma and Human Existence: A Psychoanalytical Reading of Preeti Shenoy's Novel *Life Is What You Make It*" is a bonafide record of work done by us under the guidance of Ms. A. Judes Jalaja M.A., M.Phil., PGDCA, 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	Signature
J. Binola	2021AUE199	J. Binola
E. Anto Caroline	2021AUE447	E. Anto Caroline.
T. Angelin Suruthi	2021AUE189	Angelin Suruthi.T
J. Arockia Shana	2021AUE191	Arockia Shana.J
Arshithya M. Justin	2021AUE193	Arshithya M.

PLACE: Nagercoil

DATE: October 2023



ACKNOWLEDGEMENT

We owe our deep gratitude to God Almighty for his grace and blessings, which helped us to complete this project.

We are grateful to our secretary **Dr. Sr. M. Mary Hilda** for granting us this permission to complete our project.

We are grateful to our Principal **Dr. Sr. S. Sahayaselvi** for encouraging and supporting us.

With a deep sense of gratitude, we thank **Ms. A. Judes Jalaja** for providing us with proper guidance to complete the work on time.

We owe our gratitude to **Dr. Alby Grace**, Head of the Department of English (Aided) of Holy Cross College (Autonomous) for catering to all our requirements.

We are thankful to our class teacher **Ms. C. Nesavathy** for her constant encouragement and support.

We are also thankful to our Librarian, **Dr. V. Jeyakala** for helping us with the relevant reference books.

We extend our gratitude to our parents who constantly encouraged us to go ahead with confidence in this academic venture.

We also thank **Brain Computerized** for the neat execution of our project.



Kinship With Kith: A Study of Jeannette Walls's *The Glass Castle*
PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY
IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF
Bachelor of Arts

Submitted by

Name	Reg.No
Antony Clatcia K.	2021AUE190
Deva Sudharshini A.	2021AUE203
Shano Linosha F.	2021AUE232
Shayanora P.D.	2021AUE233
Sherin Sherly G.	2021AUE234

Under the guidance of

Ms. A. R. Jemi M.A, M. Phil, NET



PG & RESEARCH DEPARTMENT OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
OCTOBER 2023

Ms. A. R. Jemi, M.A, M. Phil, NET,

Assistant Professor of English,

Holy Cross College (Autonomous),

Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report "Kinship With Kith: A Study of Jeannette Walls's *The Glass Castle*" submitted by Antony Clatcia K., Deva Sudharshini A., Shano Linosha F., Shayanora P.D, Sherin Sherly G., is a bonafide project work done during 2023-2024 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: October 2023

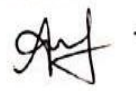
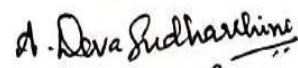
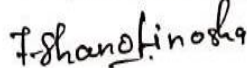



Head of the Department
Dr. ALBY GRACE, M.A., M.Phil., Ph.D.
(Dr. Alby Grace)
HEAD OF THE DEPARTMENT
PG & RESEARCH DEPT. OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004


Guide

(Ms. A. R. Jemi)

DECLARATION

We hereby declare that this project report entitled "Kinship With Kith: A Study of Jeannette Walls's *The Glass Castle*" is a bonafide record of work done by us under the guidance of Ms. A. R. Jemi, M.A, M. Phil, NET, 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
Antony Clatcia K.	2021AUE190	
Deva Sudharshini A.	2021AUE203	
Shano Linosha F.	2021AUE232	
Shayanora P.D.	2021AUE233	
Sherin Sherly G.	2021AUE234	

PLACE: Nagercoil

DATE: October 2023



ACKNOWLEDGEMENT

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We owe our gratitude to our principal Dr. Sr. Sahayaselvi for her encouragement and support.

We also express our sincere gratitude towards our family members and friends for their patience, love, and encouragement.



War and Identity: A Critical Reading of Kate Quinn's *The Alice Network*

PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY
IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

Submitted by

Name	Reg. No
Devi Joyal A	2021AUE204
Ditty Geo G K	2021AUE205
Divya Rosni S	2021AUE206
Harishma C	2021AUE207
Sherneega X	2021AUE235
Jefnee A	2022AUE247

Under the guidance of

Ms. C. Nesavathy M.A.(Eng), M.A.(Ling), M.Phil., NET, SET.



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

OCTOBER 2023

Ms. C. Nesavathy M.A.(Eng), M.A.(Ling), M.Phil., NET, SET.

PG & Research Department of English,

Holy Cross College (Autonomous),

Nagercoil - 629004.

CERTIFICATE

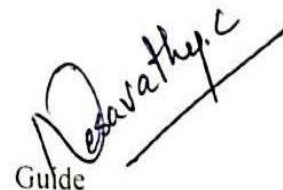
This is to certify that the project report "War and Identity: A Critical Reading of Kate Quinn's *The Alice Network*" submitted by Devi Joyal A, Ditty Geo G K, Divya Rosni S, Harishma C, Sherneega X, Jefnee A, is a bonafide project work done during 2023-2024 under my guidance and supervision and that 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: October 2023



Head of the Department
Dr. ALBY GRACE, M.A., M.Phil., Ph.D.
(Dr. Alby Grace) DEPARTMENT
PG & RESEARCH DEPT. OF ENGLISH
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004



Guide

(Ms. C. Nesavathy)

DECLARATION

We hereby declare that this project report entitled “War and Identity: A Critical Reading of Kate Quinn’s *The Alice Network*” is a bonafide record of work done by us under the guidance of Ms. C. Nesavathy M.A.(Eng), M.A.(Ling), M.Phil., NET, SET, 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
Devi Joyal A	2021AUE204	Devi Joyal A.
Ditty Geo G K	2021AUE205	Ditty Geo.
Divya Rosni S	2021AUE206	Divya Rosni S.
Harishma C	2021AUE207	Harishma C.
Sherneega X	2021AUE235	X. Sherneega
Jefnee A	2022AUE247	Jefnee

PLACE: Nagercoil

DATE: October 2023



ACKNOWLEDGEMENT

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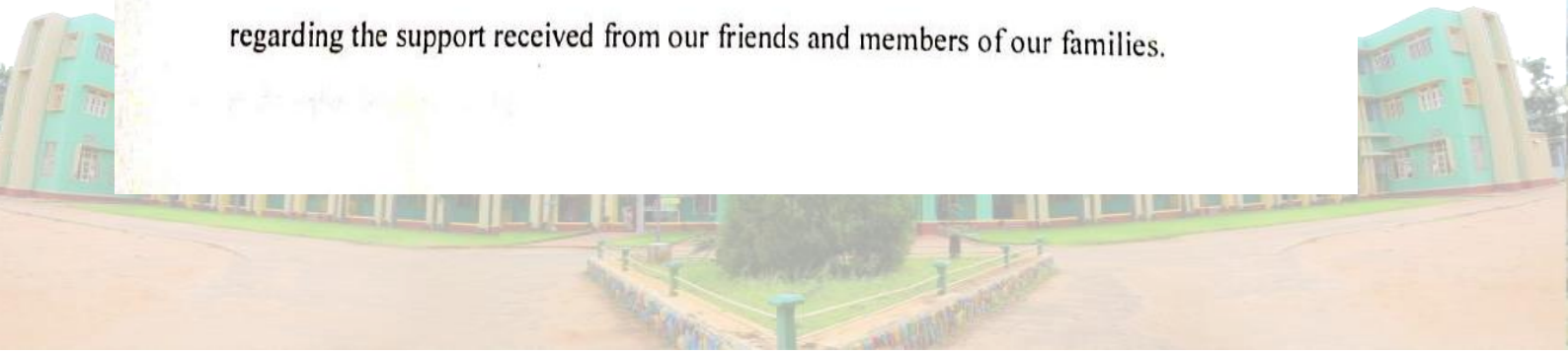
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We wish to place on record the joyful memories we are going to cherish regarding the support received from our friends and members of our families.



DEPARTMENT OF ENGLISH (S.F)

Robotics an aspect of Artificial Intelligence: A thematic study of Issac Asimov's *I, Robot*

PROJECT 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 ARTS

Submitted by

Name	Reg. No
Afrin Karishma G	2021SUE063
Avanthika R	2021SUE370
Narayani A.R	2021SUE347
Rexini J.M	2021SUE401
Sahaya Suriya I	2021SUE371

Under the guidance of

S. Divya Margret M.A., M. Phil., B. Ed., NET



Department of English (SF)

Holy Cross College (Autonomous) Nagercoil

October 2023

CERTIFICATE

This is to certify that the project entitled Robotics an aspect of Artificial Intelligence: A thematic study of Issac Asimov's *I, Robot* submitted by Rexini, Narayani, Afrin Karishma, Avanthika, Sahaya Suriya. This is a research work done during 2023-2024 under our 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 candidate.

PLACE: Nagercoil

DATE: October 2023



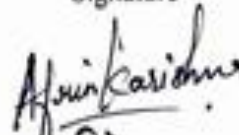
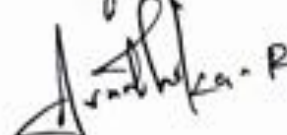
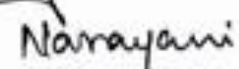
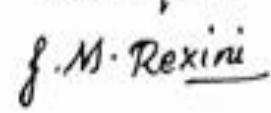
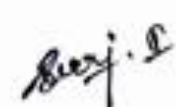
Head of the Department
Department of English (S.F.)
Holy Cross College (Autonomous)
(Mrs. M. Maria Helen Janoba)
Nagercoil - 629 004.



(S. Divya Margret)

DECLARATION

The project entitled Robotics an aspect of Artificial intelligence: A thematic study of Issac Asimov's *I. Robot* is our original and independent work, submitted to Holy Cross college (Autonomous), Nagercoil (Manonmanam Sundaranar University) in partial fulfillment of the requirements for the B.A. Degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

Name	Reg No	Signature
Afrin Karishma G	2021SUE063	
Avanthika R	2021SUE370	
Narayani A.R	2021SUE347	
Rexini J.M	2021SUE401	
Sahaya Suriya I	2021SUE371	

PLACE: Nagercoil

DATE: October 2023



Genus, Script vs Screen and Psychological Perception of *Nine Perfect Strangers*

PROJECT 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 ARTS**

Submitted by

Name	Reg. No
Ajisha R.C	2021SUE064
Jain Shylu A	2021SUE128
Anu Priya R	2021SUE385
Subitha G	2021SUE409
Shimarna F	2021SUE411

Under the guidance of

Mrs. M. Maria Helen Janoba, M.A., B.Ed., M.Phil., DIJ, DCA, MFC, SET



Department of English (SF)

Holy Cross College (Autonomous), Nagercoil

October 2023

CERTIFICATE

This is to certify that the project entitled **Genus, Script vs Screen and Psychological Perception of *Nine Perfect Strangers*** submitted by Ajisha R.C, Jain Shylu A, Anu Priya R, Subitha G, Shimarna F, is a research work done during 2023-2024 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 candidate.

Place: Nagercoil

Date: October 2023

Head of the Department

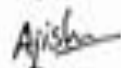
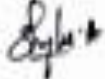
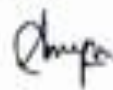



Department of English (C.U.)
(Mrs. M. Maria Helen Janoba)
St. Mary's College (Autonomous)
Nagercoil - 826 004

Guide


(Mrs. M. Maria Helen Janoba)

DECLARATION

This project entitled **Genus, Script vs Screen and Psychological Perception of *Nine Perfect Strangers*** is my original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfilment of the requirements for the B.A. Degree in English Literature. I hereby declare that the facts are genuine and not based on any other research work.

Name	Reg. No	Signature
Ajisha R.C	2021SUE064	
Jain Shylu A	2021SUE128	
Anu Priya R	2021SUE385	
Subitha G	2021SUE409	
Shimama F	2021SUE411	

Place: Nagercoil

Date: October 2023



**PERSPECTIVES OF LIFE AND DEATH IN MATT
HAIG'S *THE MIDNIGHT LIBRARY***

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 Arts*

SUBMITTED BY

NAME	REG NO
ABINAYA MOL C	2021SUE061
SAHAYA MANCY STENO B	2021SUE090
SELVA MARY SUFRILLA A	2021SUE091
SOWBARNIKA T K	2021SUE093
SUVEDHA R	2021SUE094

UNDER THE GUIDANCE OF

Ms. MIHI NANCY M.A.,M.Phil.,SET



DEPARTMENT OF ENGLISH (SF)

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

Accredited with A⁺ Grade (CGPA 3.35 - IV Cycle) by NAAC

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

OCTOBER 2023

CERTIFICATE

This is to certify that the project entitled **Perspectives of Life and Death in Matt Haig's *The Midnight Library*** submitted by Abinaya Mol C, Sahaya Mancy Steno B, Selva Mary Sufrilla A, Sowbarnika TK, Svedha R, of III BA English SF, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the B.A degree in English Literature Under my supervision and guidance.

PLACE: Nagercoil,

DATE: October 2023.

Head of the Department



(Ms. M. Maria Helen Janoba)

Guide



(Ms. Mihi Nancy)

DEPARTMENT OF ENGLISH (37)
PG & MPhil
Holy Cross College (Autonomous)
Nagercoil 629 004

DECLARATION

We hereby declare that the project report entitled **Perspectives of Life and Death in Matt Haig's *The Midnight Library*** is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmanium Sundaranar University] in partial fulfillment of the requirements for the B.A degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

NAME	REG NO	SIGNATURE
ABINAYA MOL C	2021SUE061	C. Abinaya Mol
SAHAYA MANCY STENO B	2021SUE090	Mancy B
SELVA MARY SUFRILLA A	2021SUE091	A. Sufrilla
SOWBARNIKA	2021SUE093	Sowbarnika
SUVEDHA R	2021SUE094	Shweta

PLACE: Nagercoil

DATE: October 2023

**DEVELOPMENT OF IN THE FLAMES OF INJUSTICE IN
MAGHA MAJUMDAR'S *A BURNING***

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 Arts*

SUBMITTED BY

NAME	REG NO
ANGEL THISHANI S	2021SUE065
ANISH MALIKA A	2021SUE066
AROCKIA MINAVIN FESTINA R	2021SUE067
AROCKIYA SWEETNE S	2021SUE068
KEERTHANA R	2021SUE080

UNDER THE GUIDANCE OF

Ms. V J MAXLIN M.A., MPhil., DMC.



DEPARTMENT OF ENGLISH (SF)

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

Accredited with A* Grade (CGPA 3.35 - IV Cycle) by NAAC

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

OCTOBER 2023

CERTIFICATE

This is certify that the project entitled Development of *IN THE FLAMES OF INJUSTICE* in A Burning Megha Majumdar submitted by Angel Thishani S, Anishmalika A, Arockia Minavin Festina R, Arockiya Sweeten S, Keerthana R . This is a research work done during 2023-2024 under my supervision and guidance and that the project has not previously formed its basis for the award to the candidates of any degree, diploma, fellowship or any other similar title.

It also certify that this project represent complete independent work on the part of the candidates.

PLACE: Nagercoil

DATE: October 2023



DECLARATION

This project entitled Development of *IN THE FLAMES OF INJUSTICE* in A Burning Megha Majumdar is our original work, submitted to Holy cross College(Autonomous), Nagercoil[Manonmaniam Sundaranar University] in partial fulfilment of the requirements for B.A Degree in English Literature.I hereby declare that the facts are genuine and not based on any other research work.

Name	Reg. No	Signature
Angel Thishani.S	2021SUE065	S. Angel Thishani
Anishmalika.A	2021SUE066	A. Anishmalika
Arockia Minavin Festina	2021SUE067	Arockia
Arockiya Sweetne.S	2021SUE068	Arockiya Sweetne.S
Keerthana.R	2021SUE080	R.Keerthana

PLACE: Nagercoil

DATE: october2023

**A THEMATIC ANALYSIS OF
MANJU KAPUR'S *A MARRIED WOMAN***
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 Arts**

SUBMITTED BY

NAME	REG NO
JUDIT NURSIUSE. K	2021SUE079
NOORUL ARSHIYA. A	2021SUE085
RAJESHWARI. K	2021SUE087
RITHANYA. X.	2020SUE088
ROSME ANGELA. S	2021SUE089

**UNDER THE GUIDANCE OF
Mrs. J. Mariya Prabina Sackaria**



**DEPARTMENT OF ENGLISH (SF)
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL**

**Accredited with A⁺ Grade (CGPA 3.35 - IV Cycle) by NAAC
Affiliated to Manonmaniam Sundaranar University, Tirunelveli**

OCTOBER 2023

CERTIFICATE

This is to certify that the project entitled **A Thematic Analysis of Manju Kapur's A Married Woman** submitted by Judit Nursiuse. K, Noorul Arshiya. A, Rajeshwari. K, Rithanya. X, Rosme Angela. S of III BA English SF, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Arts is a bonafide record of the work done by them under my supervision and guidance.

PLACE: Nagercoil,

DATE: October 2023.

Head of the Department



(Mrs. M. Maria Helen Janoba)

Supervisor



(Mrs. J. Maria Prabina Seckaria)

DEPARTMENT OF ENGLISH (C)
PG & MPhil
Holy Cross College (Autonomous)
Nagercoil 629 004

DECLARATION

We hereby declare that the project report entitled **A Thematic Analysis of Manju Kapur's A Married Woman** is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfillment of the requirements for the B.A degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

NAME	REG NO	SIGNATURE
JUDIT NURSIUSE K	2021SUE079	<i>Judit</i>
NOORUL ARSHIYA A	2021SUE085	<i>Noorul</i>
RAJESHWARI K	2021SUE087	<i>Rajeswari</i>
RITHANYA X	2021SUE088	<i>Rithanya</i>
ROSME ANGELA S	2021SUE089	<i>Rosme</i>

PLACE: Nagercoil

DATE: October 2023



DEPARTMENT OF TAMIL (SF)

வெக்கை நாவலில் காணப்படும்
விளிம்புநிலை மக்களின் வாழ்வியல்

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

திட்டக்குழுவினர்

ஆய்வாளர்கள்	பதிவெண்
சு.ஆன்றோ கனி	2021SUT098
ஜெ.இன்பென்டா ரோஷ்னி	2021SUT099
ம.பிரிஜிட்டா	2021SUT100

மேற்பார்வையாளர்
முனைவர் அ.டெல்பின்



தமிழ்த்துறை
ஹோலி கிறாஸ் கல்லூரி (தன்னாட்சி)
நாகர்கோவில் - 4
அக்டோபர் - 2023

வெக்கை நாவலில் காணப்படும்
விளிம்புநிலை மக்களின் வாழ்வியல்

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திட்டக்குழுவின்

ஆய்வாளர்கள்	பதிவேண்
சு.ஆன்றோ கனி	2021SUT098
ஜே.இன்பென்டா ரோஷ்னி	2021SUT099
ம.பிரிஜிட்டா	2021SUT100

மேற்பார்வையாளர்
முனைவர் அ.டெல்பின்



தமிழ்த்துறை
ஹோலி கிறாஸ் கல்லூரி (தன்னாட்சி)
நாகர்கோவில் - 4
அக்டோபர் - 2023

ஆய்வாளர்கள் உறுதிமொழி

'வெக்கை நாவலில் காணப்படும் விளிம்பு நிலை மக்களின் வாழ்வியல்' என்னும் தலைப்பில் மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகத்தின் இளங்கலை பட்டத்திற்காக எழுதப்பட்ட இந்த திட்ட ஏடு இதற்கு முன் வேறு எந்த ஆராய்ச்சிப்பட்டத்திற்கும் அளிக்கப்படவில்லை என உறுதி அளிக்கிறோம்.

ஆய்வாளர்கள்

கையொப்பம்

சு.ஆன்றோகனி

சு. ஆன் றோகனி

ஜெ.இன்பென்டா ரோஷ்னி

ஜெ. இன்பென்டா ரோஷ்னி.

ம.பிரிஜிட்டா

ம. பிரிஜிட்டா


மேற்பார்வையாளர் கையொப்பம் .

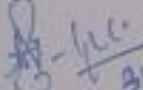
மேற்பார்வையாளர் சான்றிதழ்

“வெக்கை நாவலில் காணப்படும் விளிம்புநிலை மக்களின் வாழ்வியல்” என்றும் தலைப்பில் அமைந்த இந்த திட்ட ஒரு மனோன்மணியம் சுத்தரணர் பல்கலைக்கழகம் இளங்கலை பட்ட படிப்பிற்காக தோலி கிறிஸ்தோஸ் கல்லூரி, நாகர்கோவில், தமிழ்நாட்டில் பயிலும் மூன்றாம் ஆண்டு மாணவிகள் க.ஆன்ரோ கனி, ஜெ. இன்பென்டா ரோஷ்னி, ம.பி.ஜி.ட்டா ஆகியோர்களைக் குழுவாகச் செய்யப்பட்ட ஆய்வணல் உருவானது என சான்று அளிக்கிறோம்.


புறநகர்ப்பள்ளி
முனைவர் சி.ஆன்சிமோள்
M.A., M.Phil., B.Ed., Ph.D., SET.
Department of Tamil (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.


மேற்பார்வையாளர்
முனைவர். அ.டெல்பின்
M.A., M.Phil., B.Ed., Ph.D., NET.

இடம் : நாகர்கோவில்
நாள் : 31.10.2023


31/10/2023.
அகமதிப்பீட்டாளர்


31/10/2023
புறநகர்ப்பள்ளி

கட்டுரையாளர்கள் உறுதிமொழி

வறுமச்சூழல் கல்விக்கான 'தொல்கிணான்' கல்வழி வளாக முலிகைகள்' என்றும் நலையில் எழுதப்பட்ட இத்திட்டக்கட்டுரை எங்களின் முழு முயற்சியில் உருவானது என்று உறுதியளிக்கிறோம்.

கையொப்பம்

கட்டுரையாளர்கள்

க.ஆண்டோ கனி

ஜே.இன்பென்டா ரோஷனி

ம.பிச்சிஜிட்டா

நா.சுப்பின் நிஷா

ச.சரண்யா

ச.உதயா

செ.அபிநயா

சு.சிவசுந்தரா கனி

ஜே.இன்பென்டா ரோஷனி

ம.பிச்சிஜிட்டா

நா.சுப்பின் நிஷா

ச.சரண்யா

ச.உதயா

செ.அபிநயா

பாரதிதாசனின் குடும்ப விளக்கில் பெண்களின் குடும்ப வாழ்வியல் சித்தரிப்பு

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக இளங்கலை

பட்டத்திற்காக அளிக்கப்படும் திட்ட ஏடு

திட்டக் குழுவினர்

ஆய்வாளர்கள்

பதிவு எண்

நா.சப்ரின் நிஷா

2021SUT101

ச.சரண்யா

2021SUT102

ச.உதயா

2021SUT103

செ.அபிநயா

2021SUT416

மேற்பார்வையாளர்

முனைவர் செ.ஐடா



தமிழ்த்துறை (சுயநிதி)

திருச்சிலுவைக் கல்லூரி (தன்னாட்சி)

நாகர்கோவில் - 629004.

அக்டோபர் - 2023

மேற்பார்வையாளர் சான்றிதழ்

“பாரதிதாசனின் குடும்ப விளக்கில் பெண்களின் குடும்ப வாழ்வியல் சித்தரிப்பு” என்னும் தலைப்பில் அமைந்த இத்திட்ட ஏடு மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக இளங்கலைப் பட்டப்படிப்பிற்காகத் திருச்சிலுவை கல்லூரி, நாகர்கோவில் தமிழ்த்துறையில் பயிலும் மூன்றாம் ஆண்டு மாணவிகள் நா.சப்ரின் நிஷா, ச.சரண்யா, ச.உதயா, செ.அபிநயா ஆகியோர்கள் குழுவாகச் செய்யப்பட்ட ஆய்வினால் உருவானது எனச் சான்று அளிக்கிறேன்.


துறைத்தலைவர்

முனைவர் சி.ஆன்சி மோள்

Department of Tamil (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

இடம்: நாகர்கோவில்,
நாள்: 31/10/2023


மேற்பார்வையாளர்

முனைவர் செ.ஐடா

BA., Blit., Bed., M.A., M.Phil., Phd.


அகமதிப்பீட்டாளர்


புறமதிப்பீட்டாளர்

ஆய்வாளர் உறுதிமொழி

“பாரதிதாசனின் குடும்ப விளக்கில் பெண்களின் குடும்ப வாழ்வியல் சித்தரிப்பு” என்னும் தலைப்பில் மனோன்மணியம் சுந்தரனார் பல்கலைக் கழகத்தின் இளங்கலைப் பட்டத்திற்காக எழுதப்பட்ட இத்திட்ட ஏடு, எங்களின் முழு முயற்சியால் உருவானது ஆகும். இத்திட்ட ஏடு இதற்கு முன் வேறு எந்தப்பட்டத்திற்கும் அளிக்கப்படவில்லை என்று உறுதியளிக்கிறோம்.

ஆய்வாளர்கள்

நா.சப்ரின் நிஷா

ச.சரண்யா

ச.உதயா

செ.அபிநயா

கையொப்பம்

நா.சப்ரின் நிஷா

ச.சரண்யா

ச.உதயா

செ.அபிநயா

மேற்பார்வையாளர் கையொப்பம்



நன்றியுரை

“பாரதிதாசனின் குடும்ப விளக்கில் பெண்களின் குடும்ப வாழ்வியல் சித்தரிப்பு” என்னும் தலைப்பிலுள்ள இத்திட்ட ஏடு நல்லமுறையில் நிறைவு பெற அருள் புரிந்த எல்லாம் வல்ல இறைவனுக்கு முதலில் எங்களது நன்றியைக் காணிக்கையாக்குகின்றோம்.

இத்திட்ட ஏட்டை எங்களுக்கு அறிமுகம் செய்த மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகத்திற்கு எங்கள் மனமார்ந்த நன்றி.

இத்திட்ட ஏட்டை உருவாக்க எங்களுக்கு ஆக்கமும், ஊக்கமும் அருளிய எங்கள் கல்லூரி முதல்வர் முனைவர் அருட்சகோதரி சகாய செல்வி அவர்களுக்கு நன்றியைத் தெரிவித்துக் கொள்கிறோம்.

இவ்வாய்வு நல்ல முறையில் நிறைவு பெற உறுதுணையாய் இருந்து ஆய்வு செய்யும் முறையினைப் பொறுப்பாக விளக்கி வழி நடத்திய எங்கள் மதிப்பிற்குரிய பேராசிரியர் முனைவர் செ.ஐடா அவர்களுக்கும் தமிழ்துறைப் பேராசிரியர்கள் அனைவருக்கும் எம் இதயம் கனிந்த நன்றியைத் தெரிவித்துக் கொள்கிறோம்.

நா.சப்ரின் நிஷா

ச.சரண்யா

ச.உதயா

செ.அபிநயா



DEPARTMENT OF HISTORY

குமரி மாவட்ட கோட்டைகள் - ஓர் ஆய்வு

திருச்சிலுவைக் கல்லூரிக்கு
இளங்கலை வரலாறு
பட்டத்திற்காக சமர்ப்பிக்கப்படும் ஆய்வேடு

ஆய்வாளர்கள்

இ. வினிஷா	- 2021AUH454
வி. ஈவ்லின் சினுஜா	- 2021AUH458
ச. சகாய் மெகிதா	- 2021AUH462
த. சகாய் ரெஷி	- 2021AUH465

நெறியாளர்

முனைவர். இ. ஜலஜா குமாரி



வரலாற்றுத் துறை
திருச்சிலுவைக் கல்லூரி
நாகர்கோவில் - 629004
நவம்பர் - 2023

ஆய்வாளர் உறுதிமொழி

புனித சிலுவைக் கல்லூரியின் மூன்றாம் ஆண்டு இளங்கலை வரலாறு பயிலும்

இ. வினிஷா, வி. ஈவ்லின் சினுஜா, ச. சகாய மெகிதா, த. சகாய ரெஷி ஆகிய மூன்றாம் ஆண்டு வரலாற்று துறை மாணவிகள் சம்பந்தமுள்ள இவ்வாய்வேடு இளங்கலை வரலாற்று பட்டத்திற்காக குமரி மாவட்ட கோட்டைகள் - ஓர் ஆய்வு என்னும் தலைப்பில் வரலாற்றுத்துறை உதவி பேராசிரியரும் துறைத் தலைவருமான முனைவர். இ. ஜலாஜா குமரி அவர்களின் வழிகாட்டுதலின் படி, இந்த ஆய்வு எங்களது சொந்த முடிவில் உருவானது என்றும், இவ்வாய்வேடு இதற்கு முன்பு வேறு எந்த ஆராய்ச்சிப் பட்டத்திற்கும் சம்பந்தப்படவில்லை என்றும் உறுதி அளிக்கிறோம்.

இடம்: நாகர்கோவில்

இவண்

நாள்: 30-10-2023

பெயர்	பதிவு எண்	கையெழுத்து
இ. வினிஷா	- 2021AUH454	இ. வினிஷா
வி. ஈவ்லின் சினுஜா	- 2021AUH458	வி. ஈவ்லின் சினுஜா
ச. சகாய மெகிதா	- 2021AUH462	ச. சகாய மெகிதா
த. சகாய ரெஷி	- 2021AUH465	த. சகாய ரெஷி

உறுதி கையொப்பம்
துறைத் தலைவர்

Dr. I. JALAJA KUMARI
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தோவாளர்
Dr. T. WINS JOEL, M.A., M.Phil., MTM., Ph.D.
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Dept. of History Research Centre
Scott Christian College (Autonomous)
Nagercoil - 629 001.

நெறியாளர் சான்றிதழ்

குமரி மாவட்ட கோட்டைகள் - ஓர் ஆய்வு என்னும் தலைப்பில் இ. வினிஷா, வி. ஈவ்லின் சினுஜா, ச. சகாய மெகிதா, த. சகாய ரெஷி ஆகிய மூன்றாம் ஆண்டு வரலாற்றுத் துறை மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு இளங்கலை வரலாற்று பட்டத்திற்காக தன்னியலாகச் செய்யப்பட்டது என்றும் வேறு எந்த பட்டத்திற்காகவும் சமர்ப்பிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.



நெறியாளர்

இடம்: நாகர்கோவில்

நாள்: 30/10/2023

(முனைவர். இ. ஜலஜா குமாரி)



கன்னியாகுமரி மாவட்டத்தின் சமய சமூக ஆரசியல்
விடுதலைப் போராட்ட வரலாறு

திருச்சிலுவைக் கல்லூரி
இனங்கலை வரலாறு
பட்டத்திற்காக சமர்ப்பிக்கப்படும் ஆய்வேடு
ஆய்வாளர்கள்

ஜெ. ஆஷிகா பிரசாத்	2021AUH156
அ. நெய்கா பெருந்தேவன்	2021AUH159
ச. நிதிஷா	2021AUH160
ச. ரேணுகா	2021AUH161

தொழிலாளர்
முனைவர் கே.எஸ். செளமியா



வரலாற்றுத்துறை

திருச்சிலுவைக் கல்லூரி
நாகர்கோவில் - 629004

ஆக்டோபர் - 2023

ஆய்வாளர் உறுதிமொழி

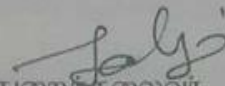
திருச்சிலுவை கல்லூரியில் மூன்றாம் ஆண்டு இளங்களை வரலாறு பயிலும் ஜெ. ஆஷிகா பிரைட், அ. நெபிகா பெல்தஷஷார், ச.நிதிஷா, ச.ரேணுகா ஆகிய மூன்றாம் ஆண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு இளங்கலை வரலாறு பட்டத்திற்கு கன்னியாகுமரி மாவட்டத்தின் சமய, சமூக அரசியல் விடுதலைப் போராட்ட வரலாறு என்ற தலைப்பில் வரலாற்றுத்துறை உதவிப்பேராசிரியர் முனைவர் கே.எஸ்.சௌமியா அவர்கள் வழிகாட்டுதலின்படி எங்களது சொந்த முயற்சியில் உருவானது என்றும் இவ்வாய்வேடு இதற்கு முன் வேறு எந்த ஆராய்ச்சிப்பட்டத்திற்கும் சமர்ப்பிக்கப்படவில்லை என்றும் உறுதி அளிக்கிறோம்.

இடம் : நாகர்கோவில்

நாள் : 30-10-2023

ஆய்வாளர்கள்	பதிவேண்	கையொப்பம்
ஜெ.ஆஷிகா பிரைட்	2021AUH156	J Ashika Prade
அ.நெபிகா பெல்தஷஷார்	2021AUH159	A. Nepika Belthashashar
ச.நிதிஷா	2021AUH160	S. Nithisha
ச.ரேணுகா	2021AUH161	S. Renuka.

உறுதி கையொப்பம்


துறைத்தலைவர்

Dr. I. JALAJA KUMARI
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Scott's Christian College (Autonomous)
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தேர்வாளர்
Dr. T. WINS JOEL, M.A., M.Phil., M.T.M., Ph.D.,
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Dept. of History Research Centre
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Nagercoil - 629 001.

நெறியாளர் சான்றிதழ்:

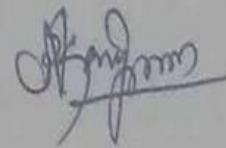
“கன்னியாகுமரி மாவட்டதின் சமய சமூக அரசியல் விடுதலைப் போராட்ட வரலாறு” என்ற தலைப்பில் ஓர் வரலாற்றுப்பார்வை முன்னெடுத்த ஜெ. ஆஷிகா பிரைட், அ. நெபிகா பெல்தஷ்ஷார், ச.நிதிஷா, ச.ரேணுகா ஆகிய மூன்றாம் ஆண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு இளங்கலை வரலாறு பட்டத்திற்காக தன்னியலாகச் செயல்பட்டது, என்றும் வேறு எந்த பட்டத்திற்காகவும் சமர்ப்பிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.

இடம் : நாகர்கோவில்

நாள் : 30-10-2023

நெறியாளர்

முனைவர் கே.எஸ்.சௌமியா



திருச்சிலுவைக் கல்லூரியின் வரலாறு

திருச்சிலுவைக் கல்லூரிக்
இளங்கலை வரலாறு
பட்டநிற்றகாக சமர்ப்பிக்கப்படும் ஆய்வேடு

ஆய்வாளர்கள்

சா.திரேஸ்மன்சீ	-	2021AUH412
ச. சலோம் எல்னா	-	2021AUH444
த. பன்ஷா	-	2021AUH452
ஐ. ஐனப்பர்	-	2021AUH453

நெறியாளர்

முனைவர் ச. ரெஜி



வரலாற்றுத் துறை
திருச்சிலுவைக் கல்லூரி
நாகர்கோவில் - 629 004

அக்டோபர் - 2023

ஆய்வாளர் உறுதிமொழி

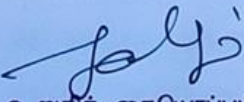
திருச்சிலுவைக் கல்லூரி மூன்றாமாண்டு இளங்கலை வரலாறு பயிலும் சா. திரேஸ் மென்சி, ச. சலோமி எல்னா, த. பவிஷா, ஜெ. ஜெனிபர் ஆகிய மூன்றாம் ஆண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு, இளங்கலை வரலாறு பட்டத்திற்காக திருச்சிலுவை கல்லூரியின் வரலாறு என்னும் தலைப்பில் வரலாற்றுத்துறை இணைப் பேராசிரியை முனைவர் ச. ரெஜி அவர்களின் வழிகாட்டுதலின்படி, எங்களது சொந்த முயற்சியில் உருவானது என்றும், இவ்வாய்வேடு இதற்கு முன் வேறு எந்த ஆராய்ச்சிப் பட்டத்திற்கும் சமர்ப்பிக்கப்படவில்லை என்றும் உறுதி அளிக்கிறோம்.

இடம்: நாகர்கோவில்

இவண்

நாள்: 30.10.2023

ஆய்வாளர்கள்	பதிவேண்	கையொப்பம்
சா. திரேஸ் மென்சி	2021AUH412	சா. திரேஸ் மென்சி
ச. சலோமி எல்னா	2021AUH444	ச. சலோமி எல்னா
த. பவிஷா	2021AUH452	த. பவிஷா
ஜெ. ஜெனிபர்	2021AUH453	ஜெ. ஜெனிபர்


உறுதிக் கையொப்பம்
துறைத் தலைவர்

Dr. I. JALAJA KUMARI
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தேர்வாளர்

Dr. T. WINS JOEL, M.A., M.Phil., MTM., Ph.D.,
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Scott Christian College (Autonomous)
Nagercoil - 629 001.

முனைவர் ச. ரெஜி,
இணைப் பேராசிரியை,
வரலாற்றுத் துறை,
திருச்சிலுவைக் கல்லூரி (தன்னாட்சி),
நாகர்கோவில் - 629 004.

நெறியாளர் சான்றிதழ்

வரலாற்று நோக்கில் திருச்சிலுவைக் கல்லூரியின் வரலாறு என்னும் தலைப்பில் சா.திரேஸ் மென்சி, ச. சலோமி என்னா, த. பவிஷா, ஜெ. ஜெனிபர் ஆகிய மூன்றாம் ஆண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு இளங்கலை வரலாறு பட்டத்திற்காக தன்னியலாகச் செய்யப்பட்டது என்றும், வேறு எந்தப் பட்டத்திற்காகவும் சமர்ப்பிக்கப்படவில்லை என்றும் சான்றளிக்கிறேன்.

இடம்: நாகர்கோவில்

நாள்: 30.10.2023

Regi
30/10/2023
நெறியாளர்

(முனைவர் ச. ரெஜி)

Dr. REGI, S.,
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முகலாயர்களின் கலை மற்றும் கட்டிடக்கலையின்

சிறப்பியல்புகள்

திருச்சிலுவைக் கல்லூரிக்கு
இளங்கலை வரலாறு
பட்டத்திற்காக சமர்ப்பிக்கப்படும் ஆய்வேடு

ஆய்வாளர்கள்

க. ஸ்ரீமதி	2021AUH163
மு. தனுஷியா	2021AUH164
த. ஆன்றோ நிஷா	2021AUH409
மோ. மோனிஷா	2021AUH411

நெறியாளர்

முனைவர். வி. பிரதீபா



வரலாற்றுத்துறை

திருச்சிலுவைக் கல்லூரி (தன்னாட்சி)

நாகர்கோவில் -629-004

அக்டோபர் -2023

ஆய்வாளர்கள் உறுதிமொழி

திருச்சிலுவைக் கல்லூரியில் மூன்றாமாண்டு இளங்களை வரலாறு பயிலும் க.ஸ்ரீமதி, மு. தனுஷியா, த. ஆன்றோ நிஷா , மோ. மோனிஷா ஆகிய மூன்றாம் ஆண்டு வரலாற்று மாணவிகள் சமர்ப்பித்துள்ள இவ்வாய்வேடு, இளங்கலை வரலாறு பட்டத்திற்காக முகலாயர்களின் கலை மற்றும் கட்டிடக்கலையின் சிறப்பியல்புகள் வரலாறு என்னும் தலைப்பில் வரலாற்றுத்துறை பேராசிரியை முனைவர் வி.பிரதீபா அவர்களின் வழிகாட்டுதலின்படி எங்களது சொந்த முயற்சியில் உருவானது என்றும் இவ்வாய்வேடு இதற்கு முன் வேறு எந்த ஆராய்ச்சுப் பட்டத்திற்கும் சமர்ப்பிக்கப்படவில்லை என்றும் உறுதி அளிக்கிறோம்.

இவண்

இடம் : நாகர்கோவில்

நாள் : 27-10-2023

ஆய்வாளர்கள்	பதிவெண்	கையொப்பம்
க. ஸ்ரீமதி	2021AUH163	க.ஸ்ரீமதி
மு. தனுஷியா	2021AUH164	மு.தனுஷியா
த. ஆன்றோ நிஷா	2021AUH409	ஆன்றோ நிஷா .ந
மோ. மோனிஷா	2021AUH411	மோ • மோனிஷா

உறுதி கையொப்பம்


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 Nagercoil - 629 001.

ஒப்புகை

இவ்வாய்வேடு குறிப்பிட்ட கால எல்லைக்குள் முடியவும், சிறப்பாக அமையவும் அருள் புரிந்த எல்லாம் வல்ல இறைவனுக்கு நன்றியை முதற்கண் சமர்ப்பிக்கின்றோம்.

இளங்கலை பட்டத்திற்காக ஆய்வினை அறிமுகம் செய்த எம் திருச்சிலுவைக் கல்லூரி நிர்வாகத்திற்கும், முன்னாள் இன்னால் செயலர்கள் முன்னாள் இன்னால் முதல்வர்கள் மற்றும் எம் வரலாற்றுத்துறைக்கும் எம் இதயம் கனிந்த நன்றியினை சமர்ப்பிக்கின்றோம்.

இவ்வாய்விற்கான ஆய்வுப் பொருளை தேர்ந்தெடுக்கத் துணை புரிந்து, நெறிபடுத்தி வழிகாட்டியதோடு, ஆக்கமும் ஊக்கமும் தந்த நாகர்கோயில் திருச்சிலுவைக் கல்லூரி (தன்னாட்சி) வரலாற்றுத்துறை பேராசிரியை முனைவர் வி.பிரதீபா அவர்களுக்கும் எம் உளப்பூர்வமான நன்றியை உரித்தாக்குகின்றோம்.

மேலும் அவ்வபோது தேவையான உதவியும் ஊக்குவிப்பும் தந்த எம் துறைப் பேராசிரியர்கள் ஒவ்வொருவரையும் யாம் இவ்வேளையில் நன்றியோடு நினைவு கூர்கின்றோம் அது தவிர இவ்வாய்வேட்டிற்கான ஆதரங்களையும் தரவுகளையும் திரட்ட நேரடியாகவும் மறைமுகமாகவும் உதவிய அனைத்து நல் உள்ளங்களுக்கும் எம் நன்றியைக் காணிக்கையாக்குகிறோம்.

குறிப்பாக கல்லூரி நூலகத்திலிருந்து எல்லா நூல்களையும் பெற உதவி செய்த எம் கல்லூரி நூலகர் மற்றும் நூலகா பணியாளர்கள் ஒவ்வொருவருக்கும் எம் சிரம் தாழ்ந்த நன்றியினை தெரிவித்துக் கொள்கிறோம்.

மேலும் இவ்வாய்வேடு நல்ல முறையில் சமர்ப்பிக்கப்பட எங்களுக்கு உறுதுணையாக இருந்த எம் பெற்றோருக்கும், எம் சகோதர சகோதரிகளுக்கும் மனமார்ந்த நன்றியினை தெரிவித்துக் கொள்கிறோம்.

இவ்வாய்வேட்டை நேர்த்தியான முறையில் தட்டச்சு உதவிய பிரைம்ன் கணினி நிறுவனத்தாருக்கும் எம் நன்றியினை தெரிவித்துக் கொள்கிறோம்.

இவண்

இடம் : நாகர்கோவில்

நாள் : 27-10-2023

ஆய்வாளர்கள்	பதிவெண்	கையொப்பம்
க. ஸ்ரீமதி	2021AUH163	க. பரீமதி
மு. தனுஷியா	2021AUH164	மு. தனுஷியா
த. ஆன்றோ நிஷா	2021AUH409	ஆன்றோ நிஷா
மோ. மோனிஷா	2021AUH411	மோ. மோனிஷா

DEPARTMENT OF ECONOMICS

**A STUDY ON PRADHAN MANTRI AWAAS YOJANA GRAMIN IN
KANYAKUMARI DISTRICT**

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

BACHELOR OF ARTS

Under the guidance of

Dr. S. PANIMAYA MERCY, M.A, M. Phil, SET, PhD

Project Team

Name	Reg. No
A. Megha	2021AUF171
S. Ponlakshmi	2021AUF172
K. Rishma Jahan	2021AUF173
J. Sahaya Maclin Annie	2021AUF174
M. Santhiya	2021AUF175



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

2023-2024



CERTIFICATE

I hereby certify that the project report entitled 'A STUDY ON PRADHAN MANTRI AWAS YOJANA GRAMIN IN KANYAKUMARI DISTRICT' submitted by A. Megha, S.Ponlakshmi, K.Rishma Jahan, J. Sahaya Maclin Annie and M.Santhiya to Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniyam Sundaranar University, Tirunelveli is the bonafide record of research work done by them under my supervision during 2023-2024 . It has not been previously submitted for any other degree, diploma or any other similar title. The report represents an original and independent work of the candidates.

Place: Nagercoil

Date: 30-10-2023


External Examiner


Head of the Department


Supervisor


D.S. Janti Sanjana
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil.

DECLARATION

We hereby declare that the project work entitled 'A STUDY ON PRADHAN MANTRI AWAS YOJANA GRAMIN IN KANYAKUMARI DISTRICT' is Submitted by A. Megha, S.Ponlakshmi, K.Rishma Jahan, J. Sahaya Maclin Annie and M.Santhiya to Holy Cross College (Autonomous), Nagercoil, for the third year undergraduate study. It is an original work done by us under the guidance of Dr. S. Panimaya Mercy, M.A, M.PHIL.SET, Ph.D, Assistant Professor of Economics, Holy Cross College (Autonomous), Nagercoil. It has not been previously submitted for the award of any other degree, fellowship or diploma or any other similar titles.

Place: Nagercoil

Date: 30-10-2023

A. Megha Megha A.

S. Ponlakshmi S. ponlakshmi

K. Rishma Jahan K. Rishma

J. Sahaya Maclin Annie J. Maclin

M. Santhiya M. Santhiya

ACKNOWLEDGMENT

We submit our heartfelt gratitude to God almighty for the abundant blessings throughout the preparation of this project. We take this opportunity to thank Dr. Sr. S. Sahaya Selvi, M.Com, M.Phil., Ph.D., NET, PGDCAB, Principal of our college for her valuable support and suggestion to carry out our study. We take this opportunity to place on record our deep sense of gratitude to Dr. S. Panimaya Mercy, M.A, M.PHIL. SET, Ph.D, for having provided necessary guidance in our work. Our thanks are due to Dr. S. Jeni Sanjana, Head of the Department and all the staff members of the Department of Economics for their help and co-operation.

A. Megha

S. Ponlakshmi

K. Rishma Jahan

J. Sahaya Maclin Annie

M.Santhiya

**AN ECONOMIC STUDY OF AGRICULTURAL WORKERS IN
KARAIYIRUPPU IN TIRUNELVELI DISTRICT**

**A project report submitted to
Holy Cross College (Autonomous) Nagercoil
Affiliated to Manonmaniam Sundaranar University
In partial fulfilment 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.

Project Team

Names	Register No
1.A.Saranya	2021AUF176
2.M.Seetha Lakshmi	2021AUF177
3.P.Suruthi	2021AUF178
4.V.Swathiga	2021AUF179
5.B.S.Aarthi	2021AUF413
6.S.K.Abisha	2021AUF414



Holy Cross College(Autonomous)

Nagercoil-629 004

2023-2024

CERTIFICATE

I hereby certify that the project report entitled "An Economic study of Agricultural workers in karaiyiruppu in Tirunelveli District" submitted by A. Saranya, M.SeethaLakshmi, P.Suruthi, V.Swathiga, B.S.Aarthi S.K.Abisha to Holy Cross College(Autonomous),affiliated to Manonmaniam Sundaranar University for the III year under graduate students is a bonafide record of research work done by them under my supervision during 2023-2024. It has never been submitted for the award of any other similar titles. The report represents entire independent and original work of the candidates.

Place: Nagercoil

Date: 30/10/23


Supervisor


30/10/23

Head of the Department

Dr.S.Jeni Sanjana
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil.


External examiner

DECLARATION

We here by declare that the project work done on “ **An Economic Study of Agricultural Workers in Karaiyiruppu in Tirunelveli District** ” is original work done by our team. We here by declare that the facts are genuine and are not based on any research project.

Place : Nagercoil

Date: 30/10/23

Signature of the Candidates

A.SARANYA

A. Saranya

M.SEETHA LAKSHMI

M. Seetha Lakshmi

P.SURUTHI

P. Suruthi

V.SWATHIGA

V. Swathiga

B.S.AARTHI

B. S. Aarthi

S.K.ABISHA

S.k. Abisha

ACKNOWLEDGEMENT

We submit our heartfelt gratitude to good almighty for guiding us throughout the preparation of his project.

Next we take this opportunity to place on record our deep sense of gratitude to Dr. S. Jeni Sanjana, M.A, M.Phil., M.B.A.,H.D.C.A., and Ph.D. for having provided necessary guidance in our work. Our thanks are due to all the staff members of the Economics department for their help and cooperation. I take this opportunity to thank Dr. . S. Jeni Sanjana, M.A, M.Phil., M.B.A.,H.D.C.A., Ph.D. head of department in Economics for their valuable support and suggestion to carry out my studies.

A.SARANYA

M.SEETHA LAKSHMI

P.SURUTHI

V.SWATHIGA

B.S.AARTHI

S.K.ABISHA

**AN ECONOMIC STUDY OF WOMEN WORKERS IN GLOVES INDUSTRY OF
KONAM VILLAGE IN KANYAKUMARI DISTRICT**

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

BACHELOR OF ARTS

Under the guidance of

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

Project Team

NAMES	REGISTER NUMBER
K. GOPIKA	2021AUF 415
J. JOHN ASHMITHA	2021AUF 416
I. MARIA MELSHA	2021AUF 417
A.V. PHEBE	2021AUF 418
L. RINTHIYA	2021AUF 419



**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
2023 - 2024**

CERTIFICATE

I hereby certify that the project report entitled "AN ECONOMIC STUDY OF WOMEN WORKERS IN GLOVES INDUSTRY OF KONAM VILLAGE IN KANYAKUMARI DISTRICT" submitted by K. Gopika, J. John Ashmitha, M. Maria Melsha, P. Phebe, L. Rinthiya to Holy Cross College (Autonomous), Nagercoil affiliated to Mar Thomanian Sudaranar University for the III Year under Graduate students is a bonafide record of research work done by them under my supervision during 2023-2024. It has never been submitted for the award of any other similar titles. The report represents entire independent and original work of the candidates.

Place: Nagercoil

Date: 30.10.2023

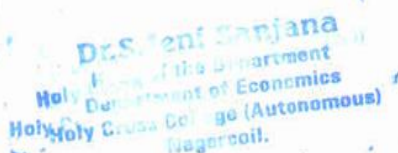

Supervisor


30/10/23

Head of the Department



External Examiner


Dr. S. Veni Sanjana
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil.

DECLARATION

We hereby declare that the project work done on “AN ECONOMIC STUDY OF WOMEN WORKERS IN GLOVES INDUSTRY OF KONAM VILLAGE IN KANYAKUMARI DISTRICT” is an 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: 30.10.2023

K. GOPIKA

K. Gopika

J. JOHN ASHMITHA J. John Asmitha

I. MARIA MELSHA I. Maria Melsha

A.V. PHEBE A.V. Phebe

L. RINITHYA L. Rinithya

ACKNOWLEDGEMENT

We submit our heartfelt gratitude to God Almighty for guiding us throughout the preparation of this project.

Next, we take this opportunity to place on record our deep sense of gratitude to Dr. Vimal Dolli, M.A, M.Phil., Ph.D for having provide necessary guidance in our work. I take this opportunity to thank Dr. S. Jeni Sanjana, M.A, M.Phil., Ph.D., Head of the Department in Economics for their valuable support and suggestion to carry out my studies.

We sincerely record our deep sense of gratitude to all the staff members of the Department of Economics for their help and co-operation. Last, we thank all those who helped us in completing this project.

K. Gopika K. Gopika

J. John Ashmitha J. John Ashmitha

I. Maria Melsha I. Maria Melsha

A. V. Phebe A. V. Phebe

L. Rinthiya L. Rinthiya

**AN ECONOMIC STUDY ON ISRO EMPLOYEES IN MAHENDRAGIRI OF
TIRUNELVELI DISTRICT**

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

Under the guidance of

Mrs. J. Josephine Shiny, M.Phil, B.Ed

Submitted by

Names	Reg. No.
P. SOWMIYA	2021AUF421
N. VIJAYA LAKSHMI	2021AUF422
D. DHANU SHAKANI	2021AUF445
B. JEROFIYA	2021AUF446



**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
2023 - 2024**

DECLARATION

We hereby declare that the project work entitled "AN ECONOMIC STUDY ON ISRO EMPLOYEES IN MAHENDRAGIRI OF TIRUNELVELI DISTRICT", P. Sowmiya, N. Vijaya Lakshmi, D. Dhanu Shakani, B. Jerofiya, to Holy Cross College (Autonomous), Nagercoil, for the third year undergraduate study. It is an original work done under the guidance of Mrs.J.Josephine Shiny, M.Phil, B.Ed Assistant Professor of Economics, Holy Cross College (Autonomous), Nagercoil. It has not been previously submitted for the award of any other degree, fellowship or diploma or any other similar titles.

Place: Nagercoil

Date: 30 - 10 - 2023

Signature of candidates

P. Sowmiya P. Sowmiya

N. Vijaya Lakshmi N. Vijaya Lakshmi

D. Dhanu Shakani D. Dhanu Shakani

B. Jerofiya B. Jerofiya

ACKNOWLEDGEMENT

First of all, we submitted our heartfelt gratitude to God almighty for guiding us throughout the preparation of this project. Next, we take this opportunity to place on record our deep sense of gratitude to Mrs.J. Josephine Shiny, M.Phil, B.Ed., for giving us this opportunity to make us do and complete a project successfully. Our sincere thanks to our department staffs for their guidance and support throughout the project completion. We also thank our team members for cooperating with us for the successful completion of this project.

P. Sowmiya

N.Vijaya Lakshmi

D.Dhanu Shakani

B. Jerofiya

**A STUDY ON SOCIO ECONOMIC-CONDITIONS OF WEAVING
WORKERS IN NAGERCOIL CORPORATION OF KANYAKUMARI
DISTRICT**

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

BACHELOR OF ARTS

Under the guidance of

Mrs. J. Josephine Shiny, M.Phil, B.Ed

Submitted by

Names	Reg. No.
ALSHAF A R.H	2021AUF165
BEMISHA. A	2021AUF167
JERIGA SHERLY. A	2021AUF169
KOHILA. R	2021AUF170
SAHAYA ABITHA. J	2021AUF420



**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS),
NAGERCOIL-629004
2023-2024**


CERTIFICATE

I, hereby certify that the field work report entitled "SOCIO ECONOMIC CONDITIONS OF WEAVING WORKERS IN NAGERCOIL CORPORATION OF KANYAKUMARI DISTRICT", submitted by R.H.Alshafa, A.Bemisha, A.Jeriga Sherly, R.Kohila, J.Sahaya Abitha 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 2023-2024. 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: 30/10/2023


Supervisor


Head of the Department


External Examiner

Dr.S.Jeni Sanjana
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil.

DECLARATION

We hereby declare that the project work entitled "SOCIO ECONOMIC CONDITIONS OF WEAVING WORKERS IN NAGERCOIL CORPORATION OF KANYAKUMARI DISTRICT", is submitted by R.H.Alshafa, A.Bemisha, A.Jeriga Sherly, R.Kohila, J.Sahaya Abitha to Holy Cross College (Autonomous), Nagercoil, for the third year undergraduate study. It is an original work done under the guidance of Mrs.J.Josephine Shiny, M.Phil, B.Ed Assistant Professor of Economics, Holy Cross College (Autonomous), Nagercoil. It has not been previously submitted for the award of any other degree, fellowship or diploma or any other similar titles.

Place: Nagercoil

Date: 30/10/2023

Signature of candidates

Alshafa.R.H Alshafa R. H

Bemisha. A Bemisha. A

Jeriga Sherly. A Jeriga Sherly

Kohila.R Kohila. R

Sahaya Abitha.J Sahaya Abitha. J

ACKNOWLEDGEMENT

First of all, we submitted our heartfelt gratitude to God almighty for guiding us throughout the preparation of this project.

Next, we take this opportunity to place on record our deep sense of gratitude to **Mrs.J. Josephine Shiny, M.Phil, B.Ed Assistant Professor, Department of Economics, Holy cross college, Nagercoil** for having provided the necessary guidance in our work. Next, we would like to extend our sincere thanks to our Head of Department of Economics, **Dr. S. Jeni Sanjana, M.A., M.Phil., M.B.A., Ph.D.**, for giving us this opportunity to make us do and complete a project successfully. Our sincere thanks to our department staffs for their guidance and support throughout the project completion. We also thank our team members for cooperating with us for the successful completion of this project.

Alshafa.R.H Alshafa R. H
Bemisha. A Bemisha. A.
Jeriga Sherly. A A. Jeriga sherly
Kohila.R Kohila.R
Sahaya Abitha.J J. Sahaya Abitha

DEPARTMENT OF COMMERCE

**CUSTOMER PERCEPTION ON MOTOR VEHICLE INSURANCE
CLAIMS MANAGEMENT IN NAGERCOIL TOWN**

PROJECT REPORT

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

BACHELOR OF COMMERCE

Submitted by

2021AUA272

M. JOE RENILDA

2021AUA278

L. LARA JASMIN

2021AUA295

R. SAHAYA SARINA

2021AUA296

C. SARU THISHANI

2021AUA300

V. S. SRITHANYA

Under the Guidance of

Dr. G. Hesil Jerda, M. Com., M. Phil., Ph. D.



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629004

OCTOBER – 2023

Dr. G. HESIL JERDA, M. Com., M. Phil., Ph. D.

Assistant Professor of commerce,
Holy Cross College (Autonomous)
Nagercoil-629004

CERTIFICATE

This study certify that the project work entitled 'A Study On Customer Perception Towards Motor Vehicle Insurance Claims In Nagercoil Town' is a bonafide record of work done by M. Joe Renilda, L. Lara Jasmin, R.Sahaya Sarina, C. Saru Thisani, V.S. Sri Thanya 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 :

G. Hesil Jerda
21/10/2023
SUPERVISOR

[Signature]
EXTERNAL EXAMINAR

[Signature]
HEAD OF THE DEPARTMENT

Dr.S.MARY PEARLY SUMATHI, M.Com.B.Ed.M.Phil.Ph.D.
HEAD OF THE DEPARTMENT
PG AND RESEARCH DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004

DECLARATION

We, M. Joe Renilda, L. Lara Jasmin, R. Sahaya Sarina, C. Saru Thishani, V. S. Sri Thanya declare that the project work entitled 'A Study On Customer Perception Towards Motor Vehicle Insurance Claims In Nagercoil Town' submitted to Holy Cross College (Autonomous) Nagercoil for the third year under graduate study is and original work done under the guidance of Dr. G. Hesil Jerda, Assistant professor in commerce, Holy Cross College (Autonomous), Nagercoil. It has not been previously done for the award of the any other degree.

Reg. no	Project Team Members	Signature
2021AUA272	M. Joe Renilda	M. Joe Renilda
2021AUA278	L. Lara Jasmin	L. Lara Jasmin
2021AUA295	R. Sahaya Sarina	R. Sahaya Sarina
2021AUA296	C. Saru Thishani	C. Saru Thishani
2021AUA300	V.S. Srithanya	V.S. Srithanya

Place: Nagercoil

Date:

ACKNOWLEDGEMENT

We, the project team members wish to express our heartfelt thanks to the Lord Almighty who has helped us with His blessing and made this project a successful one.

We specially thank to **Holy Cross College (Autonomous)**, for giving this wonderful opportunity to do the project work. We also wish to extend our special thanks to our Principal, **Dr. Sr. S. Sahaya Selvi** for helping us to do the project work.

We wish to express our deep gratitude to the Head of the Department, **Dr. S. Mary Pearly Sumathi** for her great support.

We also wish to thank the faculty members **Dr. C. Braba** and **Dr. G. Sahayashiny** in the Department of Commerce for their support.

We are grateful to **Dr. G. Hesil jerda** for her excellent assistance, motivation and guidance throughout our project work.

We express our deep sense of gratitude to our **parents, friends and relatives** who have given moral support and timely help throughout our project work.

We thank the **respondents** for spending their precious time to give details based on questionnaire schedule.

2021AUA272

2021AUA278

2021AUA295

2021AUA296

2021AUA300

M.JOE RENILDA

L. LARA JASMIN

R. SAHAYA SARINA

C. SARU THISANI

V.S SRITHANYA

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**A STUDY ON CONSUMER'S KNOWLEDGE, ATTITUDE AND
PURCHASE INTENTION TOWARDS GREEN FOOD PRODUCTS**

**A Study Report Submitted to
Holy Cross College (Autonomous), Nagercoil
in partial fulfillment of the degree of
BACHELOR OF COMMERCE**

Submitted by

2021AUA250

Anitha Rani. J

2021AUA253

Arockiya Faustina. A

2021AUA270

Jerlin Joshi.S.F

2021AUA283

Nitheesha. E

2021AUA287

Rabina Malini. M

2021AUA297

Sarumathi. K.U

**Under the Guidance of
Dr. G.Hesil Jerda, M.com., M.Phil., Ph.D.**



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629004
OCTOBER – 2023**

Dr. G. Hesil Jerda, 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'S KNOWLEDGE, ATTITUDE AND PURCHASE INTENTION TOWARDS GREEN FOOD PRODUCTS' is a bonafide record of work done by Anitha Rani.J, Arockiya Faustina.A, Jerlin Joshi.S.F, Nitheesha.E, Rabina Malini., M Sarumathi.K.U 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: 31-10-2023

Hesil Jerda
31/10/2023
SUPERVISOR

MS

HEAD OF THE DEPARTMENT

Dr.S.MARY PEARLY SUMATHI, M.Com, B.Ed, M.Phil, Ph.D.
HEAD OF THE DEPARTMENT
PG AND RESEARCH DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004

U.Sanjay
31/10/23
EXTERNAL EXAMINER

DECLARATION

We, Anitha Rani. J, Arockiya Faustina.A, Jerlin Joshi.S.F, Nitheesha. E, Raina Malini.M, Sarumathi.K.U.declare that the project work and '**A STUDY ON CONSUMER'S KNOWLEDGE, ATTITUDE AND PURCHASE INTENTION TOWARDS GREEN FOOD PRODUCTS**' Submitted to Holy Cross College (Autonomous), Nagercoil for the third year under graduate study is an original work done under the guidance of Dr. G. Hesil Jerda Assistant Professor in commerce. Holy Cross College (Autonomous). It has not been previously done for the award of the any other degree.

Project team members

Anitha Rani. J

Arockiya Faustina. A

Jerlin Joshi.S.F

Nitheesha. E

Rabina Malini. M

Sarumathi. K.U

Signature

J. Anitha Rani

A. Faustina

S.F. Jerlin Joshi

Nitheesha E

Sarumathi K.U

Place: Nagercoil

Date: 31.10.2023

ACKNOWLEDGEMENT

We, the project team members wish to express our heartfelt thanks to the Lord Almighty who has helped us with His blessing and made this project a successful one.

We specially thank to **Holy Cross College (Autonomous)**, for giving this wonderful opportunity to do the project work. We also wish to extend our special thanks to our principal **Dr. Sr. S. Sahaya Selvi** for helping us to do the project work.

We wish to express our deep gratitude to the Head of the Department **Dr. S. Mary Pearly Sumathi** for her great support.

We also wish to thank the faculty members **Dr. C. Braba and Dr. G. Sahaya Shiny** in the Department of Commerce for their support.

We are grateful to **Dr. G. Hesil Jerda** for her excellent assistance, motivation and guidance throughout our project work.

We express our deep sense of gratitude to our **parents, friends and relatives** who have given moral support and timely help throughout our project work.

We thank the **respondents** for spending their precious time to give details based on questionnaire schedule.

We also thank Infant Jesus for aligning and printing out our project in a neat and presentable format.

2021AUA250	Anitha Rani. J
2021AUA253	Arockiya Faustina. A
2021AUA270	Jerlin Joshi.S.F
2021AUA283	Nitheesha. E
2021AUA287	Rabina Malini. M
2021AUA297	Sarumathi. K.U

**A STUDY ON PROBLEMS AND PROSPECTS OF WOMEN COIR
WORKERS IN KANNIYA KUMARI DISTRICT**

PROJECT REPORT

Submitted to Holy Cross College (Autonomous) Nagercoil.

Affiliated to Manonmaniam Sundaranar University Thirunelveli.

In partial fulfillment of the requirement for the award degree of

BACHELOR OF COMMERCE

Submitted by

NAME	REG.NO.
ANUSHIYA .A	2021AUA251
AROCKIA JENI .S	2021AUA252
BENISHA MOL .C	2021AUA258
CHANDANA GEORGE SHARMI .V	2021AUA259
KANAGA VENI .T	2021AUA275

Under the Guidance of

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



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

NAGERCOIL - 629004

OCTOBER – 2023

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

Assistant Professor in Commerce,
Holy Cross College (Autonomous),
Nagercoil-629004.

CERTIFICATE

This is to certify that the project work entitled 'A STUDY ON PROBLEMS AND PROSPECTS OF WOMEN COIR WORKERS IN KANNIYA KUMARI DISTRICT' is a bonafide record of work done by ANUSHIYA .A, AROCKIA JENI .S, BENISHA MOL .C, CHANDANA GEORGE SHARMI .V, KANAGA VENI.T 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 other similar title.

Place: Nagercoil

Date: 31-10-2023

G. Sahaya Shiny
31/10/23
SUPERVISOR

MCS

HEAD OF THE DEPARTMENT

Dr.S.MARY PEARLY SUMATHI, M.Com, B.Ed, M.Phil, Ph.D.
HEAD OF THE DEPARTMENT
PG AND RESEARCH DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004

J. Paul
31/10/23
EXTERNAL EXAMINER

DECLARATION

We, ANUSHIYA .A, AROCKIA JENI .S, BENISHA MOL .C, CHANDANA GEORGE SHARMI .V, KANAGA VENI. T , hereby declare that the project work entitled '**A STUDY ON PROBLEMS AND PROSPECTS OF WOMEN COIR WORKERS IN KANNIYA KUMARI DISTRICT**' Submitted to Holy Cross College (Autonomous), Nagercoil for the third year under graduate study is an original work done under the guidance of Dr. G. Sahaya Shiny Assistant Professor in commerce. Holy Cross College (Autonomous). It has not been previously done for the award of the any other degree.

PROJECT TEAM MEMBERS

REG.NO

SIGNATURE

ANUSHIYA .A

2021AUA251

A. Anush *Anush*

AROCKIA JENI .S

2021AUA252

A. Arockia *Arockia Jeni*

BENISHA MOL .C

2021AUA258

Benisha . C

CHANDANA GEORGE SHARMI .V

2021AUA259

V. Sharmi

KANAGA VENI .T

2021AUA251

T. Kanaga Veni

Place: Nagercoil

Date: 31/10/2023

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**A STUDY ON WOMEN ENTREPRENEURSHIP IN
MICRO ENTERPRISES
PROJECT REPORT**

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

BACHELOR OF COMMERCE

Submitted by

NAME	REG. NO.
ABISHA.S.R.	2021AUA243
ANGEL JENISHA.C	2021AUA247
DIVYA.R	2021AUA260
HANOONA	2021AUA266
RASMI MOL. R	2021AUA288

Under the Guidance of

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



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL- 629004
OCTOBER- 2023**

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 WOMEN ENTREPRENEURSHIP IN MICRO ENTERPRISES**” is a bonafide record of work by **Abisha. S. R, Angel Jenisha. C, Divya. R, Hanoona, Rasmi Mol. R**, under my supervision and guidance is submitted in partial fulfillment of the requirement for the Degree of Bachelor of Commerce. It has not been submitted for the award of any other degree, diploma or any other similar titles.

Place: Nagercoil

Date: 31-10-2023

G. Sahaya Shiny
31/10/23
SUPERVISOR

[Signature]

HEAD OF THE DEPARTMENT

Dr.S.MARY PEARLY SUMATHI, M.Com. B.Ed. M.Phil., Ph.D.
HEAD OF THE DEPARTMENT
PG AND RESEARCH DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004

[Signature]
EXTERNAL EXAMINER

DECLARATION

We, Abisha. S. R, Angel Jenisha. C, Divya. R, Hanoona, Rasmi Mol. R, here by declare that, the project work entitled, "A STUDY ON WOMEN ENTREPRENEURSHIP IN MICRO ENTERPRISES", submitted to Holy Cross College (Autonomous), Nagercoil for the third-year undergraduate study is an original work done under the guidance of **Dr. G. Sahaya Shiny** of the Commerce Department. It has not been previously done for the award of any other degree or diploma.

PROJECT TEAM MEMBERS	REG. NO.	SIGNATURE
ABISHA. S.R.	2021AUA243	<i>Abisha .S.R</i>
ANGEL JENISHA. C.	2021AUA247	<i>Angel Jenisha. C</i>
DIVYA. R.	2021AUA260	<i>Divya</i>
HANOONA	2021AUA266	<i>Hanoona</i>
RASMI MOL. R.	2021AUA288	<i>Rasmi Mol. R</i>

Place: Nagercoil

Date: 31-10-2023

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**A STUDY ON WOMEN EMPOWERMENT THROUGH FREE BUS SCHEME IN
KANIYAKUMARI DISTRICT**

A Study Report Submitted to

Holy Cross College (Autonomous), Nagercoil

in partial fulfillment of the degree of

BACHELOR OF COMMERCE

Submitted by

2021AUA256

G. ASWITHA

2021AUA279

M. MARIA PREETHI

2021AUA289

K. RILA

2021AUA303

S. VINU VARSHINI

2021AUA426

J. DONA

Under the Guidance of

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



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629004

OCTOBER - 2023

Dr. S. Mary Pearly Sumathi, M.Com., B.Ed., M.Phil., Ph.D.,

Head of the Department of Commerce,

Holy Cross College (Autonomous),

Nagercoil-629004.

CERTIFICATE

This is to certify that the project work entitled 'A STUDY ON WOMEN EMPOWERMENT THROUGH FREE BUS SCHEME IN KANYAKUMARI DISTRICT' is a record of work done by **G. ASWITHA, M. MARIA PREETHI, K. RILA, S. VINU VARSHINI, J. DONA** 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: 31.10.2023

Ms
31/10/23
SUPERVISOR

Ms

HEAD OF THE DEPARTMENT

Dr.S.MARY PEARLY SUMATHI, M.Com. B.Ed. M.Phil. Ph.D.
HEAD OF THE DEPARTMENT
PG AND RESEARCH DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004

Asw
31/10/23
EXTERNAL EXAMINER

DECLARATION

We, G. Aswitha, M. Maria Preethi, K. Rila, S. Vinu Varshini, J. Dona declare that the project work 'A STUDY ON WOMEN EMPOWERMENT THROUGH FREE BUS SCHEME IN KANYAKUMARI DISTRICT' submitted to Holy Cross College (Autonomous), Nagercoil for the third year under graduate study is an original work done under the guidance of Dr. S. Mary Pearly Sumathi, Head of the Department of Commerce. Holy Cross College (Autonomous), Nagercoil. It has not been previously done for the award of the any other degree.

Project Team Members

Signature

G. Aswitha (2021AUA256)

Aswitha.G

M. Maria Preethi (2021AUA279)

M. Maria Preethi

K. Rila (2021AUA289)

K. Rila

S. Vinu Varshini (2021AUA303)

S. Vinu Varshini

J. DONA (2021AUA426)

J. Dona

Place: Nagercoil

Date: 31.10.2023

ACKNOWLEDGEMENT

We, the project team members wish to express our heartfelt thanks to the Lord Almighty who has helped us with His blessing and made this project a successful one.

We specially thank **Holy Cross College (Autonomous) Nagercoil**, for giving this wonderful opportunity to do this project work. We also wish to extend our special thanks to our principal **Dr. Sr. S. Sahayaselvi** for helping us to do this project work.

We also wish to thank the faculty members **Dr. C. Braba, Dr. G. Hesil Jerda, Dr. G. Sahaya Shiny** in the Department of Commerce for their support.

We are grateful to **Dr .S. Mary Pearly Sumathi** for her excellent assistance, motivation and guidance throughout our project work.

We express our deep sense of gratitude to our **parents, friends and relatives** who have given moral support and timely help throughout our project work.

We thank the **respondents** for spending their precious time to give details based on questionnaire schedule.

We also thank Speed Browsing Centre, Colachel for aligning and printing out our project in a neat and presentable format.

2021AUA256

G. Aswitha

2021AUA279

M. Maria Preethi

2021AUA289

K. Rila

2021AUA303

S. Vinu Varshini

2021AUA426

J. Dona

DEPARTMENT OF COMMERCE (S.F-I)

**A STUDY ON BUYING BEHAVIOUR OF YOUNGSTERS
REGARDING FAST FOOD IN KANYAKUMARI DISTRICT**

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

BACHELOR OF COMMERCE

Submitted by

HARINI A	2021SUA348
JASLIN S	2021SUA349
NAMEETHAA	2021SUA350
PRIYADARSHINI A S	2021SUA351
RENISHAR	2021SUA352

Under the guidance of

Ms. S. Jameela M.Com., M.Phil.,



Department of Commerce

Holy Cross College (Autonomous)

Nagercoil – 629004

October - 2023

Ms.S.JAMEELA, M.Com, M.Phil .

Assistant Professor

Department of Commerce

Holy Cross College (Autonomous)

Nagercoil-629004

CERTIFICATE

This is to certify that the dissertation entitled “A STUDY ON BUYING BEHAVIOUR OF YOUNGSTERS REGARDING FAST FOOD IN KANYAKUMARI DISTRICT” is a bonafide research work done by HARINIA, JASLIN.S, NAMEETHA.A, PRIYADARSHINI.A.S, RENISHA.R our supervision, guidance and submitted in partial fulfillment of the requirements 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: 30.10.23

S. Jameela
Supervisor

[Signature]
Head of the Department

Litha
31.10.2023
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

DECLARATION

We hereby declare that, the project work entitled "A STUDY ON BUYING BEHAVIOUR OF YOUNGSTERS REGARDING FAST FOOD IN KANYAKUMARI DISTRICT" submitted to Holy Cross College (Autonomous), Nagercoil for the third year graduate study is an original work done under the supervision and guidance of Ms.S.JAMEELA M.com, M.Phil. Assistant Professor, Department of Commerce, Holy Cross College (Autonomous), Nagercoil. It has not been previously prepared for the award of any other degree or diploma or any other similar title.

Place : Nagercoil

Date : 30/10/23

Submitted by

HARINI A *Harini A*

JASLIN S *Jaslin S*

NAMEETHA A *Namee A*

PRIYADARSHINI A S *Priya*

RENISHA R *Renisha R*

**A STUDY ON THE IMPACT OF ONLINE FOOD DELIVERY SERVICES
AMONG THE RESIDENTS OF 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:

ASWINI. A	- 2021SUA120
CHANDNI. M	- 2021SUA121
FASTINA RINCY. E	- 2021SUA123
FLOSY. P	- 2021SUA125
GOWSHIKA. G	- 2021SUA126

Under the guidance of

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



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL – 629004
OCTOBER - 2023**

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

Assistant Professor,

Department of Commerce,

Holy Cross College (Autonomous)

Nagercoil – 629004

CERTIFICATE

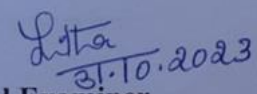
This is to certify that the project report entitled “A STUDY ON THE IMPACT OF ONLINE FOOD DELIVERY SERVICES AMONG THE RESIDENTS OF NAGERCOIL ” submitted by ASWINIA, CHANDNI.M, FASTINA RINCY.E, FLOSP.Y, GOWSHIKA.G of III B.COM SF-I, Holy Cross College (Autonomous) in partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce is a bonafied record of the work done by them under my supervision and guidance. It has not formed the basis of any degree, diploma, or any title.

Place: Nagercoil

Date: 30-10-2023


Supervisor


Head of the Department


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

DECLARATION

We hereby declare that the project report entitled "A STUDY ON THE IMPACT OF ONLINE FOOD DELIVERY SERVICES AMONG THE RESIDENTS OF NAGERCOIL " submitted by us for the Degree of Bachelor of Commerce to the Holy Cross College (Autonomous), Nagercoil, done under the guidance of **Dr. R. SREEDEVI, M.Com., M.Phil., Ph.D**, Assistant Professor, Department of Commerce, Holy Cross College (Autonomous) Nagercoil 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.

Submitted by

ASWINI.A

Aswini.A

CHANDNI.M

Chandni

FASTINA RINCY.E

Rincy

FLOSY.P

Flosy

GOWSHIKA.G

Gowshika

Dr. R. Sreedevi

Supervisor

Place : Nagercoil

Date : 30/10/2023

**A STUDY ON COUSTOMER SATISFACTION TOWARDS DAIRY
PRODUCTS IN NAGERCOIL TOWN**

Project Submitted to

Holy Cross College (Autonomous) Nagercoil

In partial fulfilment of the requirement

BACHELOR OF COMMERCE

By

Jesika .T	2021SUA134
Lijace . R	2021SUA135
MariyaLisoni . A	2021SUA136
Nagalakshmi .I	2021SUA137
Navya. B	2021SUA138

Under the guidance of

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



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
OCTOBER-2023**

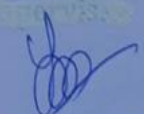
Dr. R. EvalinLatha, M.Com., M.Phil., Ph.D
Head of the Department,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

This is to certify that the project work entitled, "A STUDY ON COUSTOMER SATISFACTION TOWARDS DAIRY PRODUCTS IN NAGERCOIL TOWN" is a bonafide research work done by Jesika .T , Lijace . R, Mariya Lisoni . A, Nagalakshmi .I, Navya. B. Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of Bachelorof Commerce is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

Date: 30/10/2023


Dr. R. EvalinLatha


Head of the Department

Dr. R. EvalinLatha


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

DECLARATION

We hereby declare that the project work on titled "A STUDY ON COUSTOMER SATISFACTION TOWARDS DAIRY PRODUCTS IN NAGERCOIL TOWN" submitted by us for the degree of Bachelor of Commerce done under the guidance Dr. R.Evalin Latha, M.Com., M.Phil., Ph.D Head of the Department (Commerce) Holy Cross College (Autonomous) Nagercoil, 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.

Project Team Members

Jesika .T

Lijace . R

MariyaLisoni. A

Nagalakshmi .I

Navya. B

Signature

T. Jesika

Lijace .

A. Lisoni

Nagalakshmi .I

Navya. B

**A STUDY ON CUSTOMER'S PREFERENCE TOWARDS SMART
WATCH IN NAGERCOIL**

Submitted to

Holy Cross College (Autonomous), Nagercoil in partial fulfilment of the
requirements for the award of degree of

BACHELOR OF COMMERCE

Nehemi Dioni.J	2021SUA139
Nithya Shree.E	2021SUA140
Oviya Bennette.A	2021SUA141
Ranjana.K	2021SUA143
Sahaya Regitha.N	2021SUA145

Under the Guidance of

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



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

NAGERCOIL – 629004

OCTOBER – 2023

Dr.C.K. SUNITHA, M. Com, M.Phil., HDCM, HDCA, Ph.D.,
Assistant Professor of Commerce,
Department of Commerce,
Holy Cross College (Autonomous) Nagercoil – 629004.

CERTIFICATE

This is to certify that the project entitled “**A STUDY ON CUSTOMER’S PREFERENCE TOWARDS SMART WATCHES IN NAGERCOIL**” is a bonafide research work done by **Nehemi Dioni.J, Nithya Shree.E, Oviya Bennette.A, Ranjana.K, Sahaya Regitha.N** under my supervision, guidance and submitted in partial fulfillment of the requirements 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

C.K. Sunitha
Supervisor

Date: 30/10/2023



Head of the Department

Litha
31.10.2023

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

DECLARATION

We hereby declare that, the project work entitled "A STUDY ON CUSTOMER'S PREFERENCE TOWARDS SMART WATCHES IN KANYAKUMARI DISTRICT" submitted to Holy Cross College (Autonomous), Nagercoil for the third year under graduate study is an original work done under the guidance of Dr.C.K. SUNITHA, M. Com, M.Phil., HDCM, HDCA, Ph.D.,Commerce Department, Holy Cross College (Autonomous), Nagercoil. It has not been previously prepared for the award of any other degree or diploma or any other similar title.

Place: Nagercoil

Submitted by

Date: 30/10/2023

Nehemi Dioni.J J. Nehemi Dioni

Nithya Shree.E E. Nithya Shree

Oviya Bennette.A Oviya Bennette .A

Ranjana.K Ranjana .k

Sahaya Regitha.N Regi .

**A STUDY ON EDUCATIONAL STATUS OF FISHERMEN
COMMUNITY IN RAJAKAMANGLAM THURAI
VILLAGE IN KANYAKUMARI DISTRICT**

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

SAJONA. J	2021SUA146
SANTH THASNAVIS DENCIA. A	2021SUA147
SATHIA. N	2021SUA148
SELDRIN SEHI. S	2021SUA149
SHERIN. A	2021SUA150

Under the guidance of
Dr. M. CHARLES DAYANA, M.Com, M.Phil., Ph.D.



**DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-4**

OCTOBER - 2023

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 EDUCATIONAL STATUS OF FISHERMAN COMMUNITY IN RAJAKAMANGALAM THURAI” is a bonafide research work done by SAJONA J, SANTH THASNAVIS DENCIA A, SATHIA N, SELDRIN SEHI S, SHERIN A under my supervision and guidance. The report is submitted in partial fulfilment of the requirements for the degree of Bachelor of Commerce. The report represents entirely an original work of the candidates.

Place: Nagercoil

Date: 30.10.2023

M. Dayana
Supervisor



Head of the Department

R. Evalin Latha
31.10.2023
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

DECLARATION

We hereby declare that, the project work entitled "A STUDY ON EDUCATIONAL STATUS OF FISHERMAN COMMUNITY IN RAJAKAMANGALAM THURAI" submitted to Holy Cross College (Autonomous), Nagercoil for the Bachelor of Commerce is the result of our original work done and independent work, carried out under the supervision and guidance of Dr. M. CHARLES DAYANA, M.Com., M.Phil., Ph.D., Assistant professor of Commerce, Holy Cross College (Autonomous), Nagercoil. It has not been previously prepared for the award of any other degree or diploma or any other similar title.

Project team members

SAJONA J

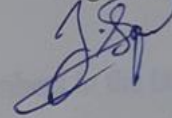
SANTH THASNAVIS DENCIA A

SATHIA N

SELDRIN SEHI S

SHERIN A

Signature



Dancia

Sathia

S. Sehi

Sherin A

Place: Nagercoil

Date: 30.10.2023

DEPARTMENT OF COMMERCE (S.F-II)

CONSUMER AWARENESS AND ATTITUDE TOWARDS CONSUMER PROTECTION MEASURE

Project submitted to Holy Cross College (Autonomous), Nagercoil 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
T. MARIA TINALIN	2021SUA191
S. MARIYA PRUIT SUBIKSHA	2021SUA192
S. NAGESWARI	2021SUA193
C. NANDHINI	2021SUA194
M. NISHMA ASLAM	2021SUA195

Under the guidance of

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



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL-629004

Accredited with A⁺ Grade (CGPA 3.35 – IV Cycle) by NAAC Affiliated to Manonmaniam Sundaranar University, Tirunelveli

2023-2024

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

Head of the department in Commerce,

Department of Commerce,

Holy Cross College (Autonomous),

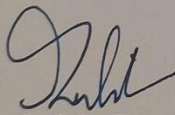
Nagercoil-629004.

CERTIFICATE

This is to certify that the project entitled, "CONSUMER AWARENESS AND ATTITUDE TOWARDS CONSUMER PROTECTION MEASURE" is a bonafide record of work done by, T. MARIA TINALIN, S. MARIYA PRUIT SUBIKSHA, S. NAGESWARI, C. NANDHINI, M. NISHMA ASLAM under my supervision and guidance and submitted in partial fulfilment of the requirement of the degree of Bachelor of Commerce. This report represents entirely an independent original work of the candidates.

Place:

Date:

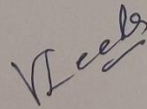


Head of the Department



Supervisor

Dr. M. GNANA MUHILA
Head & Assistant Professor
Department Of Commerce (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 004.



External Examiner

Dr. V. LEELA, M.Com., M.Phil., Ph.D.
Assistant Professor of Commerce,
Head of the Department of Commerce (B.Section),
S.T. Hindu College (S.S.), Nagercoil - 629 002.
Mobile : 9677610652
e.mail: vleela81j@gmail.com

DECLARATION

We hereby declare the project work entitled, "CONSUMER AWARENESS ON CONSUMER PROTECTION ACT (2013)" submitted to Holy Cross College (Autonomous), Nagercoil for the third year the undergraduate study is an original work done under the guidance of Dr. M. Gnana Muhila, Head of the department in Holy Cross College (Autonomous) Nagercoil. It has not been previously done for the award of the any other degree.

Name	Reg. No	Signature
T. MARIA TINALIN	2021SUA191	T. Maria Tinalin
S. MARIYA PRUIT SUBIKSHA	2021SUA192	S. Mariya pruit subiksha
S. NAGESWARI	2021SUA193	S. Nageswari
C. NANDHINI	2021SUA194	C. Nanthini
M. NISHMA ASLAM	2021SUA195	M. Nishma Aslam

Place: Nagercoil

Date: 31/10/2023

**A STUDY ABOUT RESILIENCE AMONG PROFESSORS DURING THE
PANDEMIC WITH SPECIAL REFERENCE TO NAGERCOIL**

SUBMITTED TO

Holy Cross College (Autonomous), Nagercoil

In the partial fulfillment for the award of the degree of

BACHELOR OF COMMERCE

Submitted by

J.RESHANI

2021SUA196

A.RINCY

2021SUA197

A.ROSALUE

2021SUA198

S.SAFNA SAFRIN

2021SUA199

P.SAGAYA JENIFER

2021SUA200

Under the guidance of

Dr. X. Maria Muthu Shanthini, M.Com, M.Phil., Ph.D.



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

NAGERCOIL – 629004

2023 – 2024

Dr.X.Maria Muthu Shanthini, M.com., M.Phil., Ph.D.

Assistant Professor

Department of Commerce,

Holy Cross College (Autonomous),

Nagercoil-629004

CERTIFICATE

This is certify that the project entitled, "A STUDY ABOUT RESILIENCE AMONG PROFESSORS DURING THE PANDEMIC WITH SPECIAL REFERENCE TO NAGERCOIL" is a bonafied research work done by **J. Reshani, A. Rincy, A. Rosalue, S. Safna Safrin, and P. Sagaya Jenifer** under my supervision and guidance have submitted in partial fulfillment of the requirement of the degree of Bachelor of Commerce. This report represents entirely an independent original work of the candidates.

Place: *Nagercoil*

Date: *31/10/2023*

[Signature]

Head of the Department

Dr. M. GNANA MUHILA
Head & Assistant Professor
Department Of Commerce (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 004,

X. Shanthini
31/10/2023

Supervisor

[Signature]

External Examiner

Dr. V. LEELA, M.Com., M.Phil., Ph.D.,
Assistant Professor of Commerce,
Head of the Department of Commerce (B.Section),
S.T. Hindu College (S.S.), Nagercoil - 629 002.
Mobile : 9677810052
e.mail: vleela81@gmail.com

DECLARATION

We hereby declare the project work entitled “**A STUDY ABOUT RESILIENCE AMONG PROFESSORS DURING THE PANDEMIC WITH SPECIAL REFERENCE TO NAGERCOIL**” submitted in partial fulfillment of the requirement for the award of Bachelor of Commerce is and original work done as. It has not been previously done for the award of the any other degree during 2022-2023.

Place: Nagercoil

Date: 31/10/2023

Name & Signature of Candidates

J. Reshani *J. Reshani*

A. Rincy *Rincy*

A. Rosalue *A. Rosalue*

S. SafnaSafrin *Safna*

P. Sagaya Jenifer *P. Sagaya Jenifer*

**A STUDY ON EFFECTIVENESS OF SOCIAL MEDIA AMONG THE
YOUNGSTERS WITH SPECIAL REFERENCE TO NAGERCOIL TOWN**

SUBMITTED TO

Holy Cross College (Autonomous), Nagercoil

In the partial fulfillment for the award of the degree of

BACHELOR OF COMMERCE

Submitted by

N.K.SREEJA	2021SUA211
S.SREEMATHI	2021SUA212
M.SRUTHI	2021SUA213
S.SUBANA	2021SUA214
S.SUJILIN BALA	2021SUA215

Under the guidance of

Dr. X. Maria Muthu Shanthini, M.Com., M.Phil., Ph.D.



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629004

2023 - 2024

Dr.X.Maria Muthu Shanthini M.com., M.Phil., Ph.D

Assistant Professor

Department of Commerce,

Holy Cross College (Autonomous),

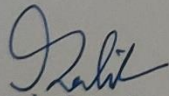
Nagercoil-629004

CERTIFICATE

This is certify that the project entitled, "A STUDY ON EFFECTIVENESS OF SOCIAL MEDIA AMONG THE YOUNGSTERS WITH SPECIAL REFERENCE TO NAGERCOIL TOWN" is a bonafide research work done by N.K.Sreeja, S.Sreemathi, M.Sruthi, S.Subana, and S.Sujilin Bala. Under my supervision and guidance and submitted in partial fulfilment of the requirement of Degree of Bachelor of Commerce. The report represents entirely in independent original work of candidates.

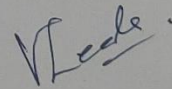
Place: 31-10-2023

Date: Nagercoil



Head of the Department

Dr. M. GNANA MUHILA
Head & Assistant Professor
Department Of Commerce (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 004.



External Examiner

Dr. V. LEELA, M.Com., Ph.D.,
Assistant Professor of Commerce
Head of the Department of Commerce (S.Serina),
S.T. Hindu College (S.S.), Nagercoil - 629 002.
Mobile : 9677910032
e.mail: vleela813@gmail.com

X. Shanthini
31/10/2023

Supervisor

DECLARATION

We here by declaration that, the project work entitled "A STUDY ON EFFECTIVENESS OF SOCIAL MEDIA AMONG THE YOUNGSTERS WITH SPECIAL REFERENCE TO NAGERCOIL TOWN" has been submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Commerce is an original work done by us during 2022-2023, and it has not been formed the basis for the award of any other Degree, Diploma or any other similar title.

Place: *Nagercoil*

Date: *31-10-2023*

Name & Signature of Candidates

N.K. Sreeja



S. Sreemathi



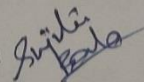
M. Sruthi



S. Subana

S. Subana

S. Sujilin bala



PRIORITIES OF GEN Z ON SOCIAL-ECONOMIC ISSUES

Research 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 COMMERCE**

Submitted by

S.A. Aslin Nuha	2021SUA169
K. Atchaya	2021SUA170
T. Daya Saravan	2021SUA173
J.S. Dharshini	2021SUA174
N. Subasree	2021SUA354

Under the guidance of

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



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL – 629004

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

2023 – 2024

OCTOBER-2023

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

Assistant Professor,

Department of Commerce,

Holy Cross College (Autonomous),

Nagercoil-629004

CERTIFICATE

This is certify that the project entitled, "PRIORITIES OF GEN Z ON SOCIAL-ECONOMIC ISSUES" is a bonafide research work done by S.A. Aslin Nuha, K. Atchaya, T. Daya Saravan, J.S. Dharshini, N. Subasree under my guidance & supervision and submitted in partial fulfillment 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: 30.10.2023.

GUIDE & SUPERVISOR

EXTERNAL EXAMINER



HEAD OF THE DEPARTMENT

Dr. M. GNANA MUTHILA
Head & Assistant Professor
Department Of Commerce (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

DECLARATION

We hereby declare that, the project work entitled "PRIORITIES OF GEN Z ON SOCIAL-ECONOMIC ISSUES" has been submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Commerce is an original work done by us during 2022-2023, and it has not been formed the basis for the award of any other Degree, Diploma, Associateship, or any other similar title.

Place: Nagewil

Date: 30.10.2023.

Name & Signature of Candidates

S.A. Aslin Nuha

S. A. Aslin Nuha.

K. Atchaya

K. Atchaya

T. Daya Saravan

T. Daya Saravan.

J.S. Dharshini

Dharshini

N. Subasree

N. Suba Sree

**A STUDY ON WORK LIFE BALANCE IMPACT ON JOB SATISFACTION
OF SCHOOL TEACHERS IN RADHAPURAM TALUK**

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

BACHELOR OF COMMERCE

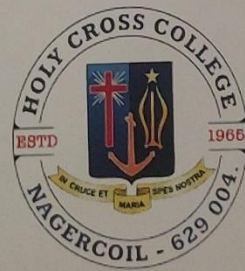
Submitted by

Name	Reg.No
Jose Thanuja T	2021SUA186
Kitheri Bestina A	2021SUA187
Limina Smilin K	2021SUA188
Maharufa M A	2021SUA189
Maria Sharan Rose S	2021SUA190

Under the guidance of

Dr.J. Jani Mercy Bai,M.com.,M.Phil.,Ph.D.

Assistant Professor



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL – 629004

Accredited with A⁺ Grade (CGPA 3.35 – IV Cycle) by NAAC Affiliated to Manonmaniam Sundaranar University

Tirunelveli

2023-2024

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

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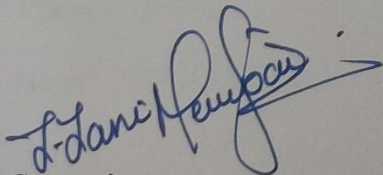
Nagercoil 629004.

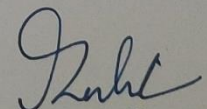
CERTIFICATE

This is to certify that the project report entitled "A STUDY ON WORK LIFE BALANCE IMPACT ON JOB SATISFACTION OF SCHOOL TEACHERS IN RADHAPURAM TALUK "is bonafide record of project work done by JOSE THANUJA T, KITHERI BESTINA A, LIMINA SMILIN K, MAHARUFA M.A AND MARIA SHARAN ROSE S under 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.

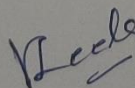
Place:Nagercoil

Date: 30/10/2023


Supervisor


Head of the Department

Dr. M. GNANA MUHIL
Head & Assistant Professor
Department Of Commerce (S
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Nagercoil - 629 004,



Examiner

Dr. V. LEELA, M.Com., M.Phil., Ph.D.,
Assistant Professor of Commerce

DECLARATION

We hereby declare that the project report entitled “ A STUDY ON WORK LIFE BALANCE IMPACT ON JOB SATISFACTION OF SCHOOL TEACHERS IN RADHAPURAM TALUK” submitted to the Holy Cross College (Autonomous) Nagercoil, for the final year under graduate study is an original work done under the guidance of **Dr. J. Jani Mercybai, M.Com., M.Phil., Ph.D.** Department of commerce, Holy Cross College (Autonomous), Nagercoil. It has not been previously prepared for the ward of any other degree or diploma.

Submitted By,

Name	Reg.No	Signature
Jose Thanuja T	2021SUA186	T. Thanuja
Kitheri Bestina A	2021SUA187	Kitheri Bestina A
Limina Smilin. K	2021SUA188	Smilin. K
Maharufa M A	2021SUA189	Maharufa
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Place: Nagercoil

Date: 30/10/2023