



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

Research Project Report

DEPARTMENT OF MATHEMATICS



A STUDY ON ZERO DIVISOR GRAPH OF A COMMUTATIVE RING

Dissertation submitted at Holy Cross College (Autonomous) affiliated

to Manonmaniam Sundaranar University in partial fulfillment

of the requirement of the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

Submitted by

S. SUSHILA Reg. No. 2021APM318

A. KAPILAL ANTONY JESWIN Reg No. 2021APM319

Under the guidance of

Dr. L. JESUMATHAN, M.Sc., B.Ed., M.Phil., Ph.D., M.T.S.,

Assistant Professor,



PG & RESEARCH DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE (AUTONOMOUS)

ACCREDITED WITH A- GRADE (CGPA) BY IV Cycle

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY)

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NOVEMBER 2022

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CERTIFICATE

This is to certify that the dissertation titled "A STUDY ON ZELW-GIVISHAR GRAPH OF COMMUTATIVE RING" submitted by the candidate K. SURESHA (Reg No. 2011A05010) and A. RAJHEAL ANTONY JESWIN (Reg No. 2011A05010) to the Holy Cross College (Autonomous) registered affiliated to Mar Thoma Syrian University, Thrissur for the award of M.Sc. Degree in Mathematics in a branch is recorded. The Project work done by them meets the criteria.

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

Place: Manjeri

Date: 12-11-2023

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Head of the Department

Head
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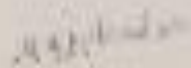
Dr. L. LEENA NILSSON, Ph.D.
Head of the Department of Assistant Course
Faculty of Education of Mar Thoma Syrian University
Manjeri - 696 004

DECLARATION

We hereby declare that the document "A STUDY ON ZEROS DIVISOR RATION OF A COMMUTATIVE MONOID" is being submitted to Holy Cross College (Autonomous), Bangalore affiliated to Manipal University, Bangalore in partial fulfillment of the requirement for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS in a reward of the completion done in a definite period of study and in supervision of Dr. L. Anantha, M.Sc., B.Ed., M.Phil., Ph.D., S.C.T. and also Principal, Department of Mathematics, Holy Cross College (Autonomous), Bangalore. This document is my own and I have not shared it with any other person.

Place: Bangalore

Date: 16.11.2022


A. RAGHAV
A 20191014


A. RAGHAV ANANTH RAO

ACKNOWLEDGEMENT

First and foremost, we wish to thank the Almighty God for the wonderful blessing towards us, all throughout this year in completing our dissertation.

We wish to express our sincere thanks and deep love of gratitude to our advisor and supervisor Dr. L. Jeyarajoo M.Sc., B.Ed., M.Phil., Ph.D., NET for suggesting this research problem and for her valuable and generous assistance, constant encouragement, advice, love, interest and an attention throughout the period of investigation.

Our sincere thanks to Dr. L. Geetha Lakshmi M.Sc., M.Phil., Ph.D., P.T., Head of Department of Mathematics and all the faculty members of P.G. & Research Department of Mathematics, Holy Cross College, Nagercoil for their valuable suggestions, encouragement and help.

We wish to express our appreciation and gratitude to our advisor Dr. G. M. Mary L.D., Principal Tir. St. K. Sankaranilai Nirmal Principal Dr. G. E. Laxmi Rani, Controller of Examinations Dr. I. Vinodh Jayapalan Mary and our Lecturers Dr. M. A. Mary Jolly, Mary Grace Mathias, Margaret for their encouragement and sincere assistance in all aspects of the project.

Finally, our heartfelt thanks to our parents and friends to give this project a timely start and help me in various phases of the project. A big thanks to all those who willingly helped me out with their efforts.

S. S. Sankar
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A. Radhika
A. RADHICALAKSHMI IPKWH

A STUDY ON FUZZINESS AND GAME THEORY

Project work submitted to Holy Cross College (Autonomous), Nagercoil in
partial fulfillment of the requirements for the award of the Degree of
MASTER OF SCIENCE IN MATHEMATICS

By

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Assistant Professor



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A STUDY ON FUZZINESS AND GAME THEORY

Project report submitted to Holy Cross College (Autonomous), Nagercoil in
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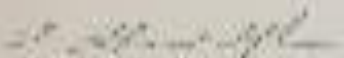
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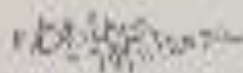
This is to certify that this project work entitled "A STUDY ON FUZZYNESS AND GAMP THEORY" submitted by Miss JAYATHREE (Reg. No. 2021AP0111), Miss SELVA SWALEE K (Reg. No. 2021AP0122), Miss KIRMINA K J (Reg. No. 2021AP0110) of B.E.D. Mathematics in Holy Cross College (Autonomous), in partial fulfillment of the requirement for the award of the Degree of MASTER OF SCIENCE IN MATHEMATICS is a bonafide record of the work done by them under my supervision and guidance.

Nagercoil

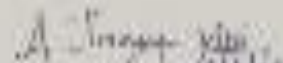
Date: 18-11-2023


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Head
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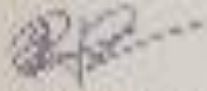
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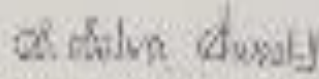
DECLARATION

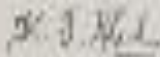
We hereby declare that this project work entitled "A STUDY ON FUZZINESS AND GAME THEORY" submitted by us for the Degree of Master of Science in Mathematics is done under the guidance of Dr. A. JANCY VINI, Assistant Professor, Department of Mathematics, Holy Cross College (Autonomous), and it has not been submitted for the award of degree, diploma, association or fellowship of any other University or Institution.

Place: Nagercoil

Date: 10 - 11 - 2022


GAYATHRI T


SILVA SWEETYS


SHOBIKA K.J

ACKNOWLEDGEMENT

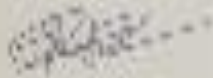
First and foremost, we wish to thank the Almighty God for his merciful blessings towards us, all throughout this year to complete our assessment.

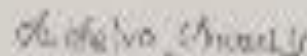
We wish to express our sincere thanks and deep sense of gratitude to our guide and supervisor, Dr. A. JANCY VINI for suggesting this research problem and for her valuable and genuine guidance, constant encouragement, advising help, keen interest and co-operation throughout the period of assessment.

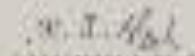
Our sincere thanks to Dr. L. SHEKRA HELEN, Head of the Department of Mathematics and all the faculty members of the PG & Research department of Mathematics, Holy Cross College, Nagercoil for their valuable suggestion, encouragement and help.

We wish to express our appreciation and gratitude to our Secretary Dr. Sr. M. MARY HILDA, Principal Dr. Sr. S. SAHAYA SELVI, Vice Principal Dr. Sr. P. LEEMA ROSE, Controller of Examinations Dr. J. VINOLIYA JOSEPHINE MARY and the Librarian Dr. Sr. A. MARY JOHNSA, Holy Cross College, Nagercoil for their arrangements and constant guidance in all aspects of the project.

Finally our sincere thanks to our parents and friends to give their support & creative ideas and help us in various projects of the course. A big thanks to all those who willingly helped us in all these activities.


DAVATHIT


KHELVA SWERTY


SHOBIKA K J

OPTIMAL SOLUTION OF TRANSPORTATION PROBLEMS IN FUZZY ENVIRONMENT.

Thesis submitted to Biju Sreenivas College (Autonomous), Regional Institute of Technology of the Government of Kerala in the partial fulfillment of the requirements for the award of the degree of
MASTER OF SCIENCE IN MATHEMATICS

BY

J. MONICA

Register No. 2021APM517

S.R. THIRUKALA

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APPROVED WITH A GRADE 'C' (PA 3.00)

RAJIVAN VILAS WANGAN VASTHUNTHANAM UNIVERSITY

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NOVEMBER 2022

OPTIMAL SOLUTION OF TRANSPORTATION PROBLEMS IN FUZZY ENVIRONMENT.

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

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K.S. JINUPSHA

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NOVEMBER 2021

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Phone: 0824 645 114.

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It is to certify that the project work entitled "Optimal Solution of Transportation Problems in Fuzzy Environment" awarded to MICHHA, Lavanya No. 2021APM017 and HANURUJA, R.R. Reg No. No. 2021APM027 of B.Sc., Mathematics, Holy Cross College (Autonomous) is passed with merit and is equivalent for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS if a student would do the work directly. Both students were diligent and genuine.

Place: Hagerpet

Date: 10/11/2023

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Ma. J. C. Mahesha

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DECLARATION

We hereby declare that the project work entitled "Optimal solution of transportation problems in fuzzy environment" submitted by us for the degree of Master of Science in Mathematics is done under the guidance of Mr. J. S. MANI, Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted in the pursuit of degree diploma, certificate or of Fellowship of any other University or Institution.

Place: Kuppam

DATE: 16-11-2022


MANI, J. S.


TINSUKHA, K. S.

ACKNOWLEDGMENT

First and foremost we thank to Allah the Almighty God for His ever-blessing assistance in all things that He has to sustain the education.

We wish to express our sincere thanks and deep sense of gratitude to our guide and supervisor Mrs. J.C. Malinda, for suggesting this research problem and for her valuable and positive guidance, constant encouragement, inspiring help, kind advice and inspiration throughout the period of investigation.

Our sincere thanks to Mrs. T. Marlene, Head of Department in Mathematics and the staff of the same department, Holy Cross College, Nagamballi for their valuable and helpful encouragement and help.

We wish to express our appreciation and gratitude to our Director Dr. Sr. M. Mary Mills, Principal Dr. Sr. S. Sankaranthi, Vice Principal Dr. Sr. P. Leema Rose, Coordinator of Curriculum Dr. J. Vasanthi, Josephine Mary and our Librarian Dr. Sr. A. Mary Joseph, Holy Cross College, Nagamballi for their constant/keen and sincere guidance in all aspects of the project.

Finally, we thank all those to our parents and friends to provide me with a successful hand and help me to realize my dream of life. A big thanks to all those who actively helped me out with their abilities.

J. C. Malinda
MUNICIPAL

[Signature]
DIRECTOR, H.C.C.

சீர்தயவு செய்து கொடுத்திருக்கிறோம்:-

பெரியபாளையம் பல்கலைக்கழகம், அகாடமிக்கல்வி மற்றும் ஆய்வுத்துறை
பெரியபாளையம், திருச்சி

பெரியபாளையம்

சீர்தயவு செய்து கொடுத்திருக்கிறோம்

to

சீர்தயவு செய்து கொடுத்திருக்கிறோம்

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சீர்தயவு செய்து கொடுத்திருக்கிறோம்

A STUDY ON EDGE MAGIC TOTAL LABELING

Project report submitted to the PG & Research Department of Mathematics, Holy Cross College
(Autonomous), Nagercoil in partial fulfillment of the requirements for
the award of the Degree of

MASTER OF SCIENCE IN MATHEMATICS

by

K.K. SHIMU

Reg. No: 2011APM109

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Reg. No: 2011APM021

Under the guidance of

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Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE (AUTONOMOUS)

(RE-ACCREDITED WITH A+ GRADE (CICPA 3.48))

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NAGERCOIL - 629004

NOVEMBER 2023

Dr. K. JAYA DAISY, M.Sc., D.Ed., M.Phil., Ph.D.

Assistant Professor,

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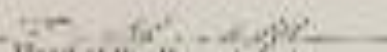
Nagercoil - 624004

CERTIFICATE

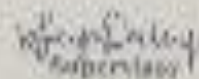
This is to certify that the project titled "A STUDY ON EDGE MAGIC TOTAL LABELING" submitted by S.S. ANITHA (Reg. No. 0214210201), L.MANITHYA (Reg. No. 0214210202) of B.Sc., Mathematics, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN MATHEMATICS is a bona fide work of the candidate by their own supervision and guidance.

Place: Nagercoil

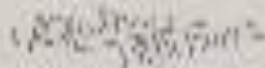
Date: 16-11-2024


Head of the Department

Head
Department of Mathematics
Holy Cross College
Nagercoil


Supervisor

Dr. K. JAYA DAISY
Assistant Professor
Department of Mathematics
Holy Cross College (Autonomous)
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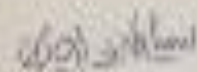
Dr. S.K. LILINA NEELSON, Ph.D.
Head of PG Department & Research Centre
Research Department of Mathematics
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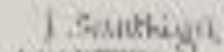
DECLARATION

We hereby declare that the project work entitled "A STUDY ON LINEAR MAGIC TOTAL LABELING" submitted by us for the Degree of Master of Science in Mathematics is done under the guidance of Dr. K. Jeya Daisy, Assistant Professor, Department of Mathematics, Holy Cross College (Autonomous) and it has not been submitted for the award of degree, diploma, associateship or fellowship in any other University or Institution.

Place, Nagore

Date: 11-11-2024


K.K. ARINCHI


J. SARITHA
SANTHIVA

ACKNOWLEDGEMENT

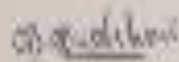
First and foremost, we wish to thank the Almighty God for his ever-blessing presence in all our thoughts this year to complete our assignments.

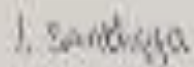
We wish to express our sincere thanks and deep sense of gratitude to our guide and supervisor Dr. K. Jaya Babu for recognizing this research problem and for his valuable and genuine guidance, sincere encouragement, untiring help, keen interest and his special attention in the project of investigation.

Our sincere thanks to Dr. T. Krishna Helen, Head of the Department of Mathematics and Head of the same department, Holy Cross College, Nagavali for their valuable suggestions, encouragement and help.

We wish to express our appreciation and gratitude to our Governor Dr. K. M. Mary Hilda, Principal Dr. M. S. Sathya Nalini, Vice Principal Dr. K. P. Laxmi Kava, Controller of Examinations Dr. J. Vinodha Josephine Mary and our Librarian Dr. Sr. A. Mary Johnson, Holy Cross College, Nagavali for their encouragement and sincere guidance in all aspects of the project.

Finally our special thanks to our parents and friends to give this perfect a creative blend and help me in various places of the project. A big thank you to those who willingly helped me out with their abilities.


S.S. ASUMI


J. SANTHYA

RELATIVELY PRIME IDEALS AND NUMBER OF
LADDER BIPARTITE AND DICRAPH

Research paper submitted to the V Cycle Self Study Report as a Final
Assignment for the award of a Postgraduate Degree in
Mathematics in the year 2021-2022

MASTER OF SCIENCE IN MATHEMATICS
Scheme III

B. ANANTH JEEVAN ANJINI

Reg. No: 2021APM006

P. L. LAKSHYA

Reg. No: 2021APM011

Under the guidance of
Dr. A. ANANTHASHEENI



RESEARCH REPORT DEPARTMENT OF MATHEMATICS,
POLYTECHNIC COLLEGE OF ENGINEERING
AND TECHNOLOGY, ANNA UNIVERSITY, CHENNAI
SUBMITTED TO SPANISH UNIVERSITY OF EXTREMADURA
FOR THE DEGREE OF M.Sc. IN MATHEMATICS
SEPTEMBER 2022

RELATIVELY PRIME DOMINATION NUMBER ON
LADDER BIPARTITE AND DIGRAPH

Dissertation submitted to Holy Cross College (Autonomous) situated
in Manonmaniam Sundaram University as partial fulfillment
of the requirement of the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

Submitted by

R. ANTO JERRIN ASTINI

Reg. No: 2021APM306

P. J. GINISHA

Reg. No: 2021APM312

Under the guidance of

Dr. A. ANAT JASLIN JINI



PG AND RESEARCH DEPARTMENT OF MATHEMATICS
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ACCREDITED WITH A+ GRADE (CGPA 3.25) IV CYCLE
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NOVEMBER 2022

Dr. A. ANAT JASLIN JINI
Assistant Professor,
Department of Mathematics,
Holy Cross College (Autonomous),
Nagercoil - 626 004.

CERTIFICATE

This is to certify that the project work entitled **RELATIVELY PRIME DOMINATION NUMBER ON LADDER BIPARTITE AND DIGRAPH** submitted by the candidate, **R. ANTO JERRIN ANJINI** (Reg. No. 2031APM306) and **P. J. GINISHA** (Reg. No. 2031APM312) to the Holy Cross College (Autonomous), Nagercoil affiliated to Mar Thoma Syrian University, Tiruvalla for the award of B.A.Sc. Degree in Mathematics in a four-semester course of the Degree 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: 16.11.2023

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Dr. A. ANAT JASLIN JINI
(Supervisor)

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F.O. & Research Department of Mathematics,
Holy Cross College (Autonomous),
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External Examiner
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Head of the Department & Teacher, Lecturer
Faculty of Mathematics of Mar Thoma Syrian
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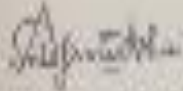
Head
Department of Mathematics
Holy Cross College
Nagercoil

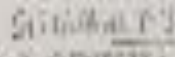
DECLARATION

We hereby declare that the dissertation **RELATIVELY PRIME DOMINATION NUMBER ON LADDER BIPARTITE AND DIGRAPH** is being submitted to Holy Cross College (Autonomous), Nagrood affiliated to Mar Thoma Syrian University, Tiruvalla. In partial fulfillment of the requirement for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** as a record of the phenomena done by us during our period of study under the supervision of **Dr. A. ANAT JAMALIN JINI**, Assistant Professor, Department of Mathematics, Holy Cross College (Autonomous), Nagrood. This dissertation of my past has not been submitted elsewhere for any other degree.

Place: Nagrood

Date: 11.05.2020


R. ANTOJERKIN ASINI


P. J. GINETHA

ACKNOWLEDGEMENT

First and foremost, we wish to thank the Almighty God for his merciful blessing towards us, all throughout this year to complete our dissertation.


We wish to express our sincere thanks and deep sense of gratitude to our supervisor Dr. A. ANAT JASLIN JINI for suggesting this research problem and for her valuable and generous guidance, constant encouragement, untiring help, keen interest and co-operation throughout the period of investigation.

Our sincere thanks to Dr. T. SHEERA HELEN, Head of the Department of Mathematics and all the faculty members of PG and Research Department of Mathematics, Holy Cross College, Nagercoil for their valuable suggestion, encouragement and help.

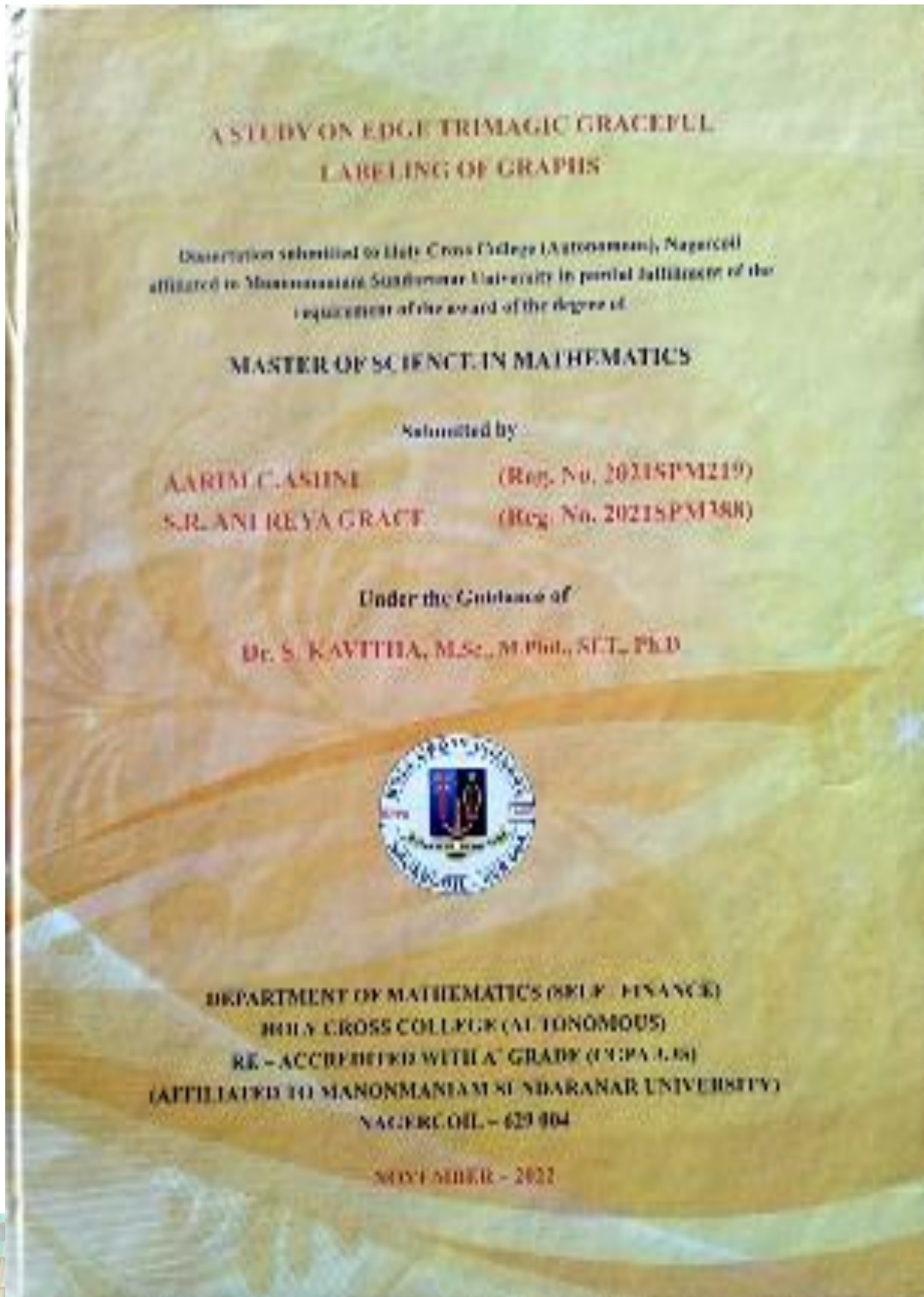
We wish to express our appreciation and gratitude to our Secretary Dr. Sr. M. MARY HILDA, Principal Dr. Sr. S. SAIJAYA SEVI, Vice principal Dr. Sr. P. LEESEA ROSE, Councilor of Examination Dr. J. VINOLIVA JOSEPHINE MARY and our Librarian Dr. Sr. MARY JOHNSY, Holy Cross College, Nagercoil for their encouragement and sincere guidance in all aspects of the project.

Finally our heartfelt thanks to our parents and friends to give this project a creative bend and help me in various phases of the project. A big thanks to all who willingly helped me out with their abilities.


B. ANTO JERRIN ASHINI


P. J. GINISHA

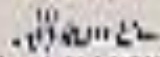
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CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON KIRKE TRIMANU: GRACEFUL LABELING OF GRAPHS" submitted by the candidate AARIMULASINI (Reg. No. 2021SPM018) AND HVVA GRACE S. R. (Reg. No. 2021SPM016) to Holy Cross College (Autonomous) affiliated to Mar Thoma Syrian University, Thrissur for the award of M.Sc. Degree in Mathematics is a bonafide record of the proper work done by them under the guidance.

Also certified that this dissertation has not previously secured the honor for the award of any Degree, Diploma or any other similar title from the same university or any other Institution.


The V. KAVITHA

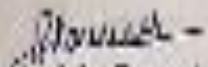
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Date: 16/11/2024


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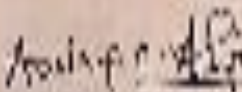
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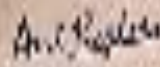
DECLARATION

We hereby declare that the dissertation entitled "A STUDY ON EDGE TRIMAGIC SURFACE LABELING OF GRAPHS" is being submitted in Holy Cross College (Autonomous) Nagasol, affiliated to Marjorine Saradasan University, Tirunelveli in partial fulfillment of the requirement for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS is a record of the dissertation done by us in the period of study under the supervision and guidance of Dr. S. KAVITHA, M.Sc., M.Phil., B.Ed., Ph.D. Assistant Professor, Head of the Department of Mathematics (A.T.) Holy Cross College (Autonomous), Nagasol. This dissertation in any form has not been submitted elsewhere for any other degree.

Place: Nagasol

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NARIMALAKSHMI


S.R. ASTREYA GRACE

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**A STUDY ON EDGE RECONSTRUCTION
PARAMETERS OF GRAPH**

*Dissertation submitted to Holy Cross College (Autonomous) affiliated
to Mar Thoma Syrian University in partial fulfillment of the
requirements of the award of the degree of*

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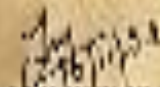
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Also certified that this dissertation has not previously formed the basis for the award of any degree, diploma or any other similar title from this or any other university or any other institution.

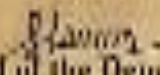

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DECLARATION

We hereby declare that the dissertation entitled "A STUDY ON EDGE RECONSTRUCTION OF PARAMETERS OF GRAPH" is being submitted to the Holy Cross College (Autonomous), Nagercoil, affiliated to Marianopolis Sandanur University, Thiruvananthapuram in partial fulfillment of the requirement of the award of the degree of MASTER OF SCIENCE IN MATHEMATICS in record of the dissertation done by us our period of study under the supervision and guidance of Dr. J. NEERA GOUDEN FLETCHER, M.Sc., B.Ed., M.Phil., Ph.D., Assistant Professor Department of Mathematics, Holy Cross College (Autonomous), Nagercoil. This dissertation on any part has not been submitted elsewhere for any other degree.

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D. Femina Norren
D.FEMINA NORREN
R. SAILAYA VINO
R. Sathya Vinu

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CHAPTER NUMBER	TITLE	PAGE NUMBER
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STUDY ON HARMONIC MEAN LABELING

Dissertation submitted to Holy Cross College (Autonomous), Nagamangalaki, affiliated to

Manonmaniam Sundaranar University in partial fulfillment of the

requirements of the award of the degree of

MASTERS OF SCIENCE IN MATHEMATICS

by

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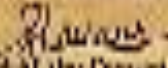
Also certified that the dissertation does not previously formed the basis for the award of any degree, diploma or any other similar title from the same university or any other institution.

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MS. V. PRINCY KALA, M.Sc., M.Phil., Ph.D.
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DECLARATION

We hereby declare that the dissertation entitled "STUDY ON HARMONIC MEAN LABELLING" is being submitted to the Holy Cross College (Autonomous) Bangalore, affiliated to Messegiar's College University, Mysore, in partial fulfillment of the requirement of the award of the degree of MASTER OF SCIENCE IN MATHEMATICS in the month of the dissertation done by us over the period of study under the supervision and guidance of DR. V. PRINIV NATA, M.Sc., M.Phil., MEd. Assistant Professor of the Department of Mathematics, Holy Cross College (Autonomous), Bangalore. This dissertation in any form has not been submitted elsewhere for any other degree.

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We hereby declare that the dissertation entitled "STUDY ON HARMONIC MEAN LABELLING" is being submitted to the Holy Cross College (Autonomous) Bangalore affiliated to MAHARAJA'S SCIENCE UNIVERSITY, THIRUVANANTHAPURAM in partial fulfillment of the requirement of the award of the degree of **MASTERSHIP IN SCIENCE IN MATHEMATICS** in the records of the University during the period of study under the registration and control of **Ms. V. PRINCY BALA, M.A., M.Phil., SET** Assistant Professor of the Department of Mathematics, Holy Cross College (Autonomous), Bangalore. This dissertation has not been submitted elsewhere for any other degree.

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LUCKY EDGE LABELING OF SOME GRAPHS

Dissertation submitted to Holy Cross College (Autonomous), Nagpur affiliated
to Marathwada State University in partial fulfillment of the
requirements of the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

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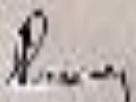
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CERTIFICATE

This is to certify that the project work entitled "THICKY EDGE LABELING OF SOME GRAPHS" submitted by C. JOSHIKA NIHMALA (Reg. No. 2021SPM227) and R.S. AKSHAYA (Reg. No. 2021SPM391) of B. Sc. Mathematics (Self-Financed) to Holy Cross College (Autonomous), Nagercoil, in partial fulfillment of the requirements for the award of the Degree of MASTER OF SCIENCE IN MATHEMATICS is a bonafide record of the work done by them under my supervision and guidance.

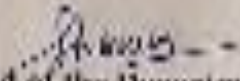
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Date: 16.11.2022


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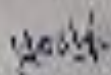
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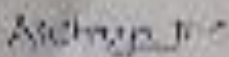
DECLARATION

We hereby declare that the dissertation entitled "LUCKY EDGE LABELING OF SOME GRAPHS" is being submitted to the Holy Cross College (Autonomous) Nagercoil, affiliated to Marianopolis Sunandanar University, Trichyvelil in partial fulfillment of the requirement of the award of the degree of MASTER OF SCIENCE IN MATHEMATICS in the record of the dissertation done by us our period of study under the supervision and guidance of Mrs. V. PRINCY KALA, M.Sc., M.Phil., SET., Assistent Professor, Department of Mathematics (Self - Financed), Holy Cross College (Autonomous) Nagercoil. This dissertation in any part has not been published elsewhere for any other degree.

Place: Nagercoil

Date: 16/11/2025


C. JOSHIKA NIRMALA


K.S. AKSHAYA

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CHAPTER NUMBER	TITLE	PAGE NUMBER
	INTRODUCTION	1
1	PRELIMINARIES	3
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A STUDY ON STRONG EDGE GRACEFUL LABELING

Thesis submitted to Holy Cross College (Autonomous), Nagercoil affiliated to
Manonmaniam Sundaranar University in partial fulfillment of the
requirements of the award of the degree of

MASTER OF SCIENCE IN MATHEMATICS

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NOVEMBER - 2022.

CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON STRONG EDGE BRACELESS LABELING" submitted by the candidates V. ADLIN JEEVA SAM (Reg. No. 2021SPM220) and S. V. RESHMA (Reg. No. 2021SPM221) to Holy Cross College (Autonomous), Nagercoil affiliated to Mar Thoma Syrian University, Thiruvananthapuram for the award of M.Sc. Degree in Mathematics is a faithful 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 said university or any other institution.

J. Anne Mary Leema

Ms. J. ANNE MARY LEEA, M.Sc., M.Ed., SFT.

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DECLARATION

We hereby declare that the dissertation entitled "A STUDY ON STRONG
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Kozhikode, affiliated to Malabar Maniar University, Kozhikode in partial fulfillment
of the requirements of the award of the degree of MASTERS OF SCIENCE IN MATHEMATICS
in a record of the dissertation done by us during the period of study under the supervision and
guidance of Mr. A. ANNE MARY LEEMA, M.Sc., M.Ed., SET., Holy Cross College
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any other degree.

Date: 10/05/2024

Page No: 10/05/2024

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W. VINLIN JETVA SAM

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H.V. RESHMA

CONTENT

CHAPTER NUMBER	TITLE	PAGE NUMBER
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01	PRELIMINARIES	2
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DEPARTMENT OF PHYSICS

PRESSURE INDUCED METALLIZATION IN CASHEW CHLORIDE

PROJECT REPORT

Submitted to Holy Cross College (Autonomous) Nagercoil, affiliated to Marianopolis
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Submitted by

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DEPARTMENT OF PHYSICS

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NAGERCOIL-629 604

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PRESSURE INDUCED METALLIZATION IN CARIUM CHLORIDE

PROJECT REPORT

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DEPARTMENT OF PHYSICS

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ABITHA.M
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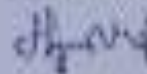
We hereby declare that this project report entitled "PRESSURE INDUCED METALLIZATION IN CAESIUM CHLORIDE" is a record of original work done by us under the guidance of Dr.C. NIRMALA LOUIS, Holy Cross College (Autonomous), Nagercoil during the academic year 2022-2023

Place: Nagercoil

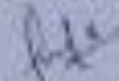
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This is to certify that this report "PRESSURE INDUCED METALLIZATION IN CALSIUM CHLORIDE" is a bonafied record of the work done by, Miss. ABITHA.M, Mrs.JERNISHA MARY.V and Miss.SAHAYA ABARNA.A of II M.Sc Physics in partial fulfillment of the degree of Master of Science in Physics, Holy Cross College (Autonomous), Nagercoil affiliated to Maastrumithum Sundamar University during the academic year 2022-2023 under my supervision.



Head of the Department of Physics,
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Signature of the Examiners



Signature of the Project Guide

**DEVELOPMENT OF $ZnFe_2O_4$ NANOFILLER
EMBEDDED EPOXY COMPOSITES**

PROJECT REPORT

Submitted to Holy Cross College (Autonomous), Nagercoil
affiliated to Marianopolis Soudanese University
in partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE IN PHYSICS

Submitted by

ANTONY SHINY, D 2021APP352

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Under the guidance of

Dr. Sr. S. SEBASTIAMMAL, M.Sc., M.Phil., Ph.D.



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B.M.Sc., Physics
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DECLARATION

We hereby declare that this project report entitled "DEVELOPMENT OF $ZnFe_2O_4$ NANOFILLER EMBEDDED EPOXY COMPOSITE" is a result of original work done by us under the guidance of Dr. Sr. S. SFRAKTIAMMAL, Holy Cross College (Autonomous), Nagamall during the academic year 2022-2023.

Place: Nagamall

Date: 17-11-2022

Signature of the Student

ANTONY SHINY D

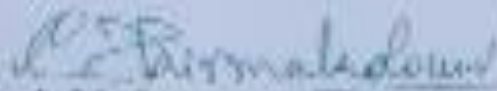
Divin Sona, A

Signature of the Student

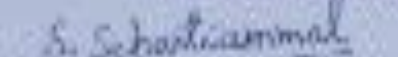
Dr. Sr. S. SEBASTIAMMAL, M.Sc., M.Phil., Ph.D.,
Assistant Professor of Physics,
Holy Cross College (Autonomous),
Nagercoil- 670004.

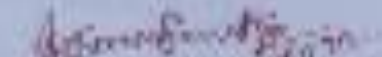
CERTIFICATE

This is to certify that the report "DEVELOPMENT OF ZnFe₂O₄ NANOFILLER EMBEDDED EPOXY COMPOSITES" is a bonafide record of the work done by, Miss ANTONY SHINYA and Miss DIVYA MONA A of B.M.Sc. Physics in partial fulfillment of the degree of Master of Science in Physics, Holy Cross College (Autonomous), Nagercoil affiliated to Mannamparamba Sindharani University during the academic year 2022-2023 under my supervision.



Head of the Department of Physics,
Holy Cross College (Autonomous),
Nagercoil- 670004.
Assistant Professor,
PG & Research Department of Physics,
Holy Cross College (Autonomous)
Nagercoil, Kanyakumari District,
Tamil Nadu. PIN- 670 004.


Signature of the Project Guide


Signature of the Examiner

DEPARTMENT OF CHEMISTRY

**PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL
ACTIVITY OF ANDROGRAPHIS PANICULATA LEAF**

*Project report submitted to Holy Cross College (Autonomous), Nagercoil
affiliated to Mahatma Jyotiba Phule University, Tirunelveli in partial
fulfillment of the requirements for the award of the degree of*

**MASTER OF SCIENCE
in
CHEMISTRY**

Submitted by

M. ANIE JENIFFER 2021SPG2219


A. ANTO NIMISHA 2021SPG1879

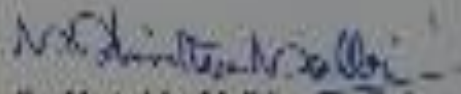


**DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL,
NOVEMBER 2022**

CERTIFICATE

This is to certify that the project entitled "PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF ANDROGRAPHIS PANICULATA LEAF" is a laudable record of work done by Mr. M. ANIE JENDER (2021SPG359) and Mr. A. ANTO NIMISHA (2021SPG379) under the guidance and supervision of Dr. M. ANITHA PRINCE E.I.A. during the academic year 2022-2023 for the partial fulfillment of the requirement for the degree of Master of Science in Chemistry at Holy Cross College (Autonomous), Nagercoil, affiliated to Marianamma Sanshodhan University, Thiruvelli.

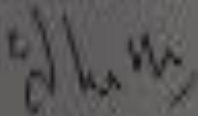

Dr. M. Anitha Prince
(Supervisor)


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

Submitted by viva Voice Examination held on

DR. M. ANITHA
M.Sc.
Assistant Professor of
HOLY CROSS CO
Nagercoil.

External Examiner

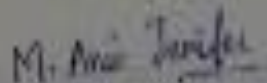


DECLARATION

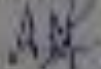
We hereby declare that the dissertation entitled "PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF ANDROGRAPHIS PANICULATA LEAF" being submitted to Marthoma Syrian University, for the award of the degree of Master of Science in Chemistry is the result of my original and independent research work carried out under the guidance of Dr. M. Anie Periera, 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, association or fellowship of any university or institution.

Place: Nagercoil

Date: 15.11.2022



M. ANIE PERIERA (2021SPG2219)



A. ANTO NIMISHA (2021SPG379)

FABRICATION OF CHITIN BASED BIOPLASTICS FROM SQUID
BONE AND BLADDERWRACK SEAWEED

*Project Report submitted to Holy Cross College (Autonomous), Nagercoil affiliated to
Maulana Abul Kalam Azad University, Trivandrum in partial fulfillment of the
requirements for the award of the degree of*

MASTER OF SCIENCE

IN

CHEMISTRY

Submitted by

G. NANTHANA (Reg. No: 2021SPG361)


L. MONICA (Reg. No: 2021SPG392)

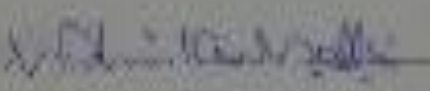


DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2022

CERTIFICATE

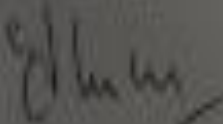
This is to certify that the project entitled "FABRICATION OF CHITIN BASED BIOPLASTICS FROM SOLID BONE AND BLADDERWRACK SEAWEED" is a bonafide record of work done by Ms. G. Nandhana (2021SPG381) and Ms. L. Meena (2021SPG392) under the supervision of Dr. Sheeba Daniel during the academic year 2022-2023 for the partial fulfillment of their requirement for the degree of Master of Science in Chemistry at Holy Cross College (Autonomous), Nagercoil, affiliated to Marianumam Sundaranar University, Thiruvananthapuram.


Dr. Sheeba Daniel
(Supervisor)


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

Dr. M. Anitha Mathi
Head of the Department &
Assistant Professor of Chemistry
Holy Cross College - Autonomous
Nagercoil - 695 014

Presented for Viva-Voce Examination held on 17/11/2022.

Incharge Director


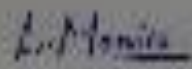
DECLARATION

We hereby declare that the dissertation entitled "FABRICATION OF CHITOSAN BASED BIODEGRADABLE HYDROGELS FROM SQUID HORN AND BLADDERWRACK SEAWEED" being submitted to Marignani Sankaranarayanan University, for the award of the degree of Master of Science in Chemistry is the result of our original and independent research work carried out under the guidance of Dr. Sheebu Daniel, Assistant Professor, Department of Chemistry, Holy Cross College, Nagercoil and it has not been submitted elsewhere for the award of any other degree or diploma, nor is it under the supervision of any University or Institution.

Place: Nagercoil


G. NANTHANA (Reg. No: 2021SPG361)

Date:


I. MONICA (Reg. No: 2021SPG392)

SYNTHESIS AND CHARACTERIZATION OF NATURAL
FIBRE REINFORCED POLYMER COMPOSITES

*Project report submitted to Holy Cross College (Autonomous), Nagercoil
affiliated to St. Ann's College of Arts and Science, Throulathur in partial
fulfillment of the requirements for the award of the Degree of*

MASTER OF SCIENCE

IN

CHEMISTRY

Submitted by

S.J. ANU GODLIN (Reg. No: 2021SPG2403)

A. NIKHIL DA ESB ALIN (Reg. No. 2021SPG2414)



DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL

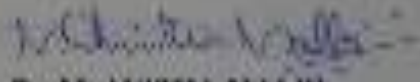
NOVEMBER 2022

CERTIFICATE

This is to certify that the project entitled "SYNTHESIS AND CHARACTERIZATION OF NATURAL FIBRE REINFORCED POLYMER COMPOSITES" is a bonafide record of work done by Ms. S.J. ANU GODLIN (2021SPG240) and Ms. S.MICKLEDA ESKALEN (2021SPG246) under the supervision of Dr.V. CHRISTABEL SHAJI, during the academic year 2022-2023 for the partial fulfillment of their requirement for the degree of Master of Science in Chemistry in Holy Cross College (Autonomous), Nagercoil, affiliated to Mar Ignatius Sardammar University, Nagercoil.



Dr. V. CHRISTABEL SHAJI
(Supervisor)

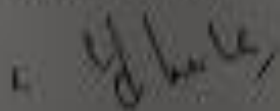


Dr. M. ANITHA MALBI
(Head of the Department)

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

Submitted for Viva-Voce Examination held on 18/06/2023

External Examiner:



1.

DECLARATION

We hereby declare that the dissertation entitled "SYNTHESIS AND CHARACTERIZATION OF NATURAL FIBRE REINFORCED POLYMER COMPOSITES" being submitted to Marathwada Sanshodhan University, for the award of the degree of Master of Science in Chemistry is the result of my original and independent research work carried out under the guidance of Dr. V. CHRISTAKKE SHAI, Assistant Professor, Department of Chemistry, Holy Cross College, Durgamud and it has not been submitted elsewhere for the award of any other degree or diploma, associateship or fellowship of any University or Institution.

S.I. ANU GODI IN

S.I. Anu Godi In

(Reg. No: 202189P2240)

Place: Nagarkoḍ

S.MUKILDA ESKALIN

S.Mukilda Eskalin

Date: 20/11/2022

(Reg No: 202189P2214)

DEPARTMENT OF BOTANY

**SCREENING OF PHYTOCHEMICAL, ANTI-BACTERIAL, AND
ANTIOXIDANT ACTIVITIES IN EXTRACTS OF SELECTED
EDIBLE FRUITS**

Thesis Submitted to the Management/Sandeshwari
University in partial fulfillment of the degree of
Master of Science in Botany

Submitted By

J.Jeslin (Reg No :2021SPH217)

M.Pricilla (Reg. No :2021SPH249)

K.Sneha (Reg No :2021SPH353)

Under the Guidance of

Dr.N. Kala Vethu-kumari, M.Sc., M.Phil., Ph.D

(Assistant Professor, Department of Botany)



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

Accredited with A+ Grade (CGPA 3.38) by NAAC

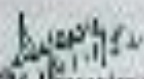
NAAC/HCC/OIL-629004

NOVEMBER - 2022

Dr.S.Krishna Yashini Kumar, M.Sc., M.Phil., Ph.D
Assistant Professor, Department of Botany,
Holy Cross College (Autonomous),
Nagpur-441 004.

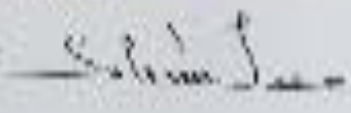
CERTIFICATE

This is to certify that the dissertation "Screening of physicochemical, antimicrobial and antioxidant activities in extracts of natural edible fruits" submitted in partial fulfillment of the requirements for the award of degree of Master of Science in Botany is a recorded original research work done by Ms. Jashni (Reg No. 20212PR047), Ms. M.Priya (Reg No. 20212PR749) and Ms. K. Sneha (Reg No. 20212PR305) during the period of August 2021 to December 2022, in the Department of Botany at Holy Cross College, Nagpur, under my supervision and guidance and the project work has the formal due credit for the award of my degree diploma awarded by our parent University.


Head of the Department


Guide / Supervisor

T. A. NARAYANAN, M.A., M.L., M.A., M.P.H.
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Nagpur-441 004

External Examiner 1: 

External Examiner 2:



Dr. X.Kala Vriha Kumar, M.Sc, M.Phil, Ph.D
Assistant Professor, Department of Botany,
Holy Cross College (Autonomous),
Nagercoil-619 004

CERTIFICATE

This is to certify that the thesis entitled "Screening of phytochemical, antibacterial and antifungal activities in extracts of selected edible fruits" submitted in partial fulfillment of the requirements for the award of degree of Master of Science in Botany is a merited original research work done by Miss. Ujjala (Reg No. 2015012019), Miss. Mahabala (Reg No. 2015012018) and Miss. K. Saritha (Reg No. 2021XPH573) during the period of August 2022 to December 2022, in the Department of Botany at Holy Cross College, Nagercoil, under my supervision and guidance and the project work has met the basis for the award of any degree of diploma certificate or any degree university.

[Signature]
Head of the Department

[Signature]
18/11/22
Guide / Supervisor

Dr. A. ANIL KUMAR, M.Sc, M.Phil, Ph.D
Assistant Professor and Head
Department of Botany,
Holy Cross College (Autonomous),
Nagercoil.

PROCTOR PRESIDENT 1:

[Signature]

PROCTOR PRESIDENT 2:

**PHYTOCHEMICAL SCREENING, ANTIOXIDANT AND
ANTIBACTERIAL ACTIVITY OF SELECTED ORNAMENTAL
FLOWERS**

THESIS SUBMITTED TO
MANGALAM RINDIRANAR UNIVERSITY
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
OF THE DEGREE OF MASTER OF SCIENCE IN BOTANY

Submitted by

V DIVYA BHABATHI (Reg. No. 2021SPB246)
M MICHEAL SAIJAYA VINILET (Reg. No. 20215PB210)

Under the Guidance of

Dr. W. VINCY, M.Sc., M.Phil., Ph.D.
(Assistant Professor, Department of Botany)



DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS),
Accredited with A+ Grade (CGPA 3.38) by NAAC
NAGERCOIL - 629004,
NOVEMBER - 2022

Dr. W. VINCY, M.Sc., M.Phil., Ph.D.

Assistant Professor

Department of Botany

Holy Cross College (Autonomous)

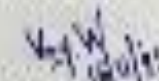
Rajampet-520004

CERTIFICATE

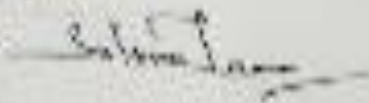
This is to certify that the book entitled "Physiological Screening, Antifeedant and Antitoxin Activity of skeletal Organismal Powers" submitted in partial fulfillment of the requirements for the award of degree in Master of Science in Botany is a recordal original research work done by Mrs. V. DIVYA BHARATHI (Reg. No. 20215FD246), Mrs. N. MOHITHA SAHAYA VINCENT (Reg. No. 20215FD245) during the period of July 2022 to November 2022 in the Department of Botany at Holy Cross College, Rajampet under my supervision and guidance and the project record work is not found the basis for the award of any degree, diploma, certificate or any degree Certificate / Diploma.


Head of the Department
Dr. A. ANNA AGOSTINELLI, M.A., M.B.A., M.Ed.
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Rajampet-520004

Guide/Supervisor


Dr. W. VINCY

External Examiner 1:



External Examiner 2:

**PHYTOCHEMICAL SCREENING, ANTIOXIDANT AND
ANTIBACTERIAL ACTIVITY OF SELECTED ORNAMENTAL
FLOWERS**

THESE SUBMITTED TO
MANDYANGLAM SUNDARANAR UNIVERSITY
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
OF THE DEGREE OF MASTER OF SCIENCE IN BOTANY.

Submitted by
Y. DIVYA BHARATHI (Reg. No. 2021SP0146)
MEMORIAL SAHAYA VINCEY (Reg. No. 2021SP0248)

Chief of Institution
Dr. W. VINCY, M.Sc., ALPHI, Ph.D.
(Assistant Professor, Department of Botany)



DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS),
Accredited with A+ Grade (CGPA 3.38) by NAAC
NAGERCOCHI - 629004
NOVEMBER - 2022

**ASSESSING THE EFFICACY OF NATURAL DYES
EXTRACTED FROM SELECT PLANTS FOR
COLOURING COTTON AND SILK FABRICS**

*Thesis Submitted to Mannammaniam Sundarambar University
in partial fulfillment of the requirements of the degree of*

MASTER OF SCIENCE IN BOTANY

Submitted by

A.ABISHA (Reg. No. 2021SPB381)

M.BRINTHA THERES (Reg. No. 2021SPB245)

R.NITHISHA (Reg. No. 2021SPB417)

Under the guidance of

Dr.J.CELIN PAPPA RANI

(Assistant Professor, Department of Botany)



**DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS),
Re- accredited with A+ Grade (CGPA 3.35) by NAAC
NAGERCOIL- 629 004**

NOVEMBER 2022

**ASSESSING THE EFFICACY OF NATURAL DYES
EXTRACTED FROM SELECT PLANTS FOR
COLOURING COTTON AND SILK FABRICS**

*Thesis Submitted to Annamalai University
in partial fulfillment of the requirements of the degree of*

MASTER OF SCIENCE IN BOTANY

Submitted by

A.AHISHA	(Reg. No. 2021SPB381)
M.BRINTHA THERES	(Reg. No. 2021SPB245)
R.NITHISHA	(Reg. No. 2021SPB117)

Under the guidance of

Dr.LUCILIN PAPPA RANI

(Assistant Professor, Department of Botany)



**DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS),
Re- accredited with A+ Grade (CGPA 3.35) by NAAC
NAGERCOIL- 629 004**

NOVEMBER 2022

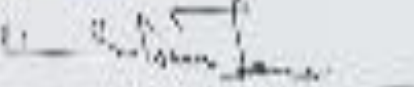
Dr. J. CELIN PAPPARANI, M.Sc., M.Phil., Ph.D.,
Assistant Professor,
Department of Botany,
Holy Cross College (Autonomous),
Nagercoil - 625 004.

CERTIFICATE

This is to certify that the thesis entitled "ASSESSING THE EFFICACY OF NATURAL DYES EXTRACTED FROM SELECT PLANTS FOR COLOURING COTTON AND SILK FIBRES" submitted in partial fulfillment of the requirements for the for the award of degree of Master of Science in Botany is a recorded original research work done by A.Aritha (Reg.No.2021596-XC), M.Jyothika Thiruv. (Reg.No.2021598-M), J.Nithisha (Reg.No.2021098417) during the period of June 2021 to November 2022 in the Department of Botany at Holy Cross College, Nagercoil under my supervision and guidance. It is a record of her/his research work that has not been submitted for the award of any degree, diploma, associate diploma, fellowship of any University/Institution.


D. A. ANNA MATHURAN, M.Sc., M.Phil., Ph.D.
Head of the Department
Department of Botany
Holy Cross College (Autonomous)
Nagercoil - 6


Guide-Supervisor
(Dr. J. Celin Pappa Rani)

External Examiner 1: 

External Examiner 2:

DEPARTMENT OF ZOOLOGY

**BIODIVERSITY OF SPIDERS IN KANYAKUMARI DISTRICT,
TAMIL NADU, INDIA**

Dissertation submitted to Holy Cross College (Autonomous), Nagercoil,
Affiliated to Marianopolis Government University in partial fulfillment of the
requirements for the award of the degree of

MASTER OF SCIENCE

IN

ZOOLOGY

BY

MERGIN NISHA S - Reg. No: 2021APZ561

JEBISHA J - Reg. No: 2021APZ432



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

NOVEMBER, 2022

Dr. S. Prakash Sheela, M.Sc., M. Phil., Ph.D., PG Dip. HRM
Assistant professor
Department of Zoology
Holy Cross College (Autonomous)
Neyyattol - 629 004

CERTIFICATE

It is to certify that the dissertation entitled, "Reproductive of Spiders in Kanyakumari District, Tamil Nadu, India", is a bonafide research work done by, Mergle Nisha S (2021AP2001) and Jithendra (2021AP2402) under my supervision during their course towards the partial fulfillment of the requirement for the award of the degree of Master of Science in Zoology at Holy Cross College (Autonomous), Neyyattol, affiliated to Mar Thoma Syrian University, Neyyattol during the academic year 2022-2023. This dissertation or any part of the same has not been submitted elsewhere for any other degree.

Place: Neyyattol
Date: 16/11/2024

S. Prakash Sheela
Signature of the Guide

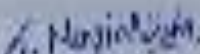
(Dr. S. PRAKASH SHEELA)

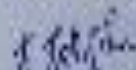
DECLARATION

We hereby declare that the dissertation entitled, "Biodiversity of Spiders in Raigarh District, Jharkhand, India", awarded to Biju Kumar College (Autonomous), Nagrota, affiliated to Meerapuri State University, Tiruchirappalli in partial fulfillment of the award of the degree of Master of Science in Zoology under Margla Nisha S (2021APZ351) and Jishita J (2021APZ357) entered into during the academic year 2021-2022 under the guidance and supervision of Dr. S. Shaksh-Saha, Assistant Professor of Zoology, Biju Kumar College, (Autonomous), Nagrota. This work has not been presented or analyzed in any other degree.

Place: Nagrota

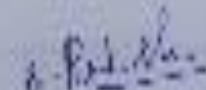
Date: 16.11.2022


MARGLA NISHA S (Reg. No. 2021APZ351)

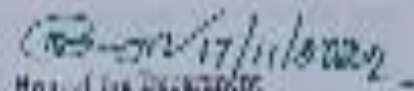

JISHITA J (Reg. No. 2021APZ357)

BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled, "Hemiparasitism of Spiders in Kanyakumari District, Tamil Nadu, India" submitted by S. Margia Nisha (2021AD2561) and J. Irishya (2021AD2442) towards the partial fulfillment of the requirements for the award of the degree of Master of Science in Zoology, is a bonafide record of the research work actually done by them during the stipulated year 2022-2023 under the guidance and supervision of Dr. S. Prakash Shetty, Associate Professor, Department of Zoology, Holy Cross College (Autonomous), Marthandapuram. The project has not been previously scored for award in the award of any Degree, Diploma, Award/Scholarship, Fellowship or any other certificate.

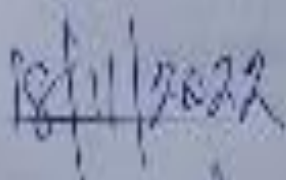

Supervisor

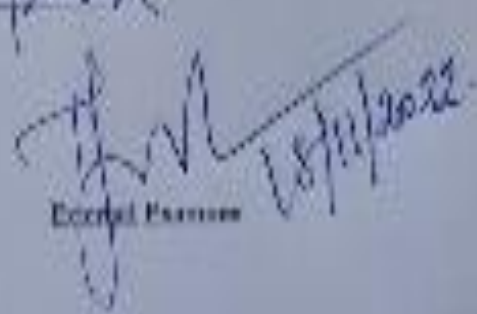
Dr. S. Prakash Shetty


Head of the Department

Dr. P. ANISHA RENUKA
HOD - Department of Zoology
Holy Cross College
Marthandapuram - 625 004

Submitted for viva voce examination on 18/11/2022


18/11/2022


18/11/2022
External Examiner

ACKNOWLEDGEMENT

It gives us immense pleasure to thank the God Almighty for his abundant blessing showered upon us.

We thank Dr. Sr. Kofunso Solubi, the Principal, Holy Cross College (Aradunmorin), Niger State for giving us an opportunity to do our PG degree program in this esteemed institution.

We express our sincere gratitude and thanks to Dr. F. Binta Basaga, Head of the Department of Zoology and all the staff members of the Department of Zoology for providing necessary facilities for our Project.

We register our heartfelt gratitude to Dr. S. Patrick Nwaka, Assistant Professor, Department of Zoology for her guidance, support and encouragement, without which we could not have completed our project work successfully.

We also wish to express our hearty thanks to all the teachers and non-teaching staff, Department of Zoology for their valuable support during the course of this work.

We express our heartfelt thanks to our parents, relatives and friends for their moral support for the successful completion of our project work.

Meghin Nisha S
Meghin Nisha S

Reg. No.: 2021APZ361

Jadhav A
Jadhav A

Reg. No.: 2021APZ432

**ANALYSIS OF ALPHA AND BETA RADIATION IN THE SOIL AND
WATER SAMPLES OF SELECTED COASTAL AREAS OF SOUTH
TAMILNADU**

*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Alagappa University, Tirunelveli
in partial fulfilment of the requirements for the award of the degree of*

MASTER OF SCIENCE

in

ZOOLOGY

By

JENIFER V

Reg. No.: 2021APZ358

SHERIN SHEEBA SHALINI P

Reg. No.: 2021APZ364



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

November 2022

Dr. X. Venci Candida,
Assistant Professor,
Department of Zoology,
Holy Cross College (Autonomous),
Nagercoil – 629 004.

CERTIFICATE

This is to certify that the dissertation entitled "Analysis of alpha and beta radiation in the soil and water samples of selected coastal areas of South Tamilnadu" is a bonafide record of the research work done by Jenifer V (Reg. No.: 2021APZ358) and Sherin Shreya Shallni P (Reg. No.: 2021APZ364) under my supervision during their tenure towards the partial fulfilment of the requirement for the award of the degree of Master of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Mar Thoma Syrian University, Tirunelveli during the academic year 2022-2023. This dissertation or any part of this has not been submitted elsewhere for any other degree.

X Venci Candida
Dr. X. Venci Candida

Place: Nagercoil

HONORIFICE CERTIFICATE

This is to certify that the dissertation entitled "Analysis of alpha and beta radiation in the soil and water samples of selected coastal areas of South Tamil Nadu" submitted by **Jasline V** (Reg. No - 2021APZ356) and **Shruti Sneha Shalini P** (Reg. No - 2021APZ354) towards the partial fulfillment of the requirements for the award of the degree of **Master of Science in Zoology**, is a bonafide record of the research work carried out by them during the academic year 2022-2023 under the guidance and supervision of **Dr. X. Vasni Candida**, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil and that this project has not been previously funded for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title.

[Signature]
Head of the Department of Zoology

[Signature]
Dr. X. Vasni Candida

Dr. F. KRISTHA MENUDA
HCC - Department of Zoology
Holy Cross College
Nagercoil - 625 004

Submitted for Viva Voice Examination held on

[Signature]
8/11/2022

[Signature]
External Examiner

DECLARATION

We do hereby affirm that the dissertation entitled "Analysis of alpha and beta radiation in the soil and water samples of selected coastal areas of South Tamilnadu" being submitted to Holy Cross College (Autonomous), Nagarcovil, affiliated to Mar Thoma Syrian University, Tirunelveli, in partial fulfillment of the award of the degree of Master of Science in Zoology is based on our (Jennifer V (Reg. No.: 2021APZ358) and Sherin Sheeba Shalini P (Reg. No.: 2021APZ364)) research work carried out by us under the guidance of Dr. X. Venci Candida, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagarcovil during the academic year 2022-2023 and this work has not been submitted elsewhere for any other degree.

Place: Nagarcovil

Date: 16/11/2022

Jennifer V

Sherin Sheeba Shalini P

Jennifer V

Sherin Sheeba Shalini P

Reg. No.: 2021APZ358

Reg. No.: 2021APZ364

**A STUDY ON DIVERSITY OF INSECTS (ARTHROPODA: INSECTA) FAUNA
IN AND AROUND OF HOLY CROSS COLLEGE (AUTONOMOUS),
NAGERCOIL, INDIA.**

*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Marianum Mission Kaniyapuram University, Thrissur
in partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE

IN

ZOOLOGY

by

ANANTHI B (Reg. No.: 2011AFZ420)

IRUDHAYA KRESIVA S (Reg. No.: 2011AFZ398)



DEPARTMENT OF ZOOLOGY

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 627 011

NOVEMBER - 2017

Dr. C. Anitha, 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 dissertation entitled "A study on diversity of insects (Arthropoda: Insecta) fauna in and around of Holy Cross College (Autonomous), Nagercoil, India" is a bonafide record of research work done by Ananthi. R (Reg. No: 2021APZ438) and Irudhaya Selviya. S (Reg. No: 2021APZ598) under my supervision during their tenure towards the partial fulfillment of the requirement for the award of the degree of Master of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Marcellianum Brothers' University, Thuvattal during the academic year 2021-2022. This dissertation or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 16-11-2022


(Dr. C. Anitha)

DECLARATION

We do hereby affirm that the dissertation entitled "A study on diversity of insects (Arthropoda: Insecta) fauna in and around of Holy Cross College (Autonomous), Nagpur, India" being submitted to Holy Cross College (Autonomous), Nagpur, affiliated to Maharashtra State University, Tirunelveli, in partial fulfillment of the degree of Master of Science in Zoology is based on the Ananthi. R (Reg. No.: 2021AF2438) and Iradhya Saha, S (Reg. No.: 2021AF2456) research work carried out by us under the guidance of Dr. C. Anitha, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagpur during the academic year 2022-2023 and the work has not been submitted elsewhere for any other degree.

Place: Nagpur

Date: 16-1-2024

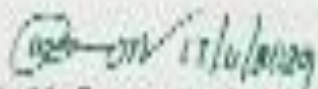
Ananthi. R (Reg. No.: 2021AF2438)

Iradhya Saha, S (Reg. No.: 2021AF2456)

Ananthi-R
Saha

BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "A study on diversity of insects (Arthropoda: Insecta) fauna in and around of Holy Cross College (Autonomous), Nagercoil, India" submitted by Anandhi, K (Reg. No: 2021APZ438) and Indhaya Selbya, S (Reg. No: 2021APZ356), towards the partial fulfillment of the requirements for the degree of Master of Science in Zoology, is a bonafide record of the research work carried out by them during the academic year 2022-2023 under the guidance and supervision of Dr. C. Anitha, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil and that this project has not been previously found the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title.



Head of the Department of Zoology

Dr. F. BRISCA RENJIGA
HOD - Department of Zoology
Holy Cross College
Nagercoil - 628 004

Supervisor



Dr. C. Anitha

Submitted for Viva Voce Examination held on 12.11.2023



External Examiner

**A COMPARATIVE STUDY ON THE WATER QUALITY AND
POTABILITY OF WATER BODIES IN KURUSADY VILLAGE,
KANYAKUMARI DISTRICT**

*Project report submitted to Holy Cross College (Autonomous), Nagercoil affiliated to
Mannamattam Sankaranarayanan University, Tiruvanchi in partial fulfillment of the requirements
for the award of the Degree of*

MASTER OF SCIENCE

IN

ZOOLOGY

submitted by

N. HARSHMA 2071APZ431

K. VINISHA PRIYA 2011APZ413



Department of Zoology
Holy Cross College (Autonomous)

Nagercoil

November 2013

Dr. Jeei Chandar Palua, M.Sc, M.A., B.Ed, M.Phil, SET, Ph.D.

Asst. Professor

Department of Zoology

Holy Cross College (Autonomous)

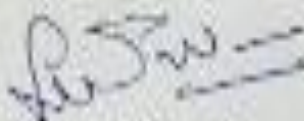
Nagercoil

CERTIFICATE

This is to certify that this dissertation entitled "A COMPARATIVE STUDY ON THE WATER QUALITY AND POTABILITY OF WATER BODIES IN KURUSADY VILLAGE, KANYAKUMARI DISTRICT" is a record of bonafide work done by Ms. N. Harishree (2021AP2411) and Ms. K. Vidhan Priya (2021AP2453) during the academic year 2021 – 2022 under my guidance and supervision and it has not been submitted for the award of any degree, diploma, associationship or fellowship of any University or institution.

Place: Nagercoil

Date: 16/11/22


Signature of the guide


Signature of the Head of the Department

Signature of the Head of the Department



DECLARATION

We hereby declare that the dissertation entitled "A COMPARATIVE STUDY ON THE WATER QUALITY AND POTABILITY OF WATER BODIES IN KURUSADY VILLAGE, KANYAKUMARI DISTRICT" being submitted to Mazonmaniam Sundaranar University, for the award of the degree of Master of Science in Zoology is the record of our original and independent research work carried out under the guidance of Dr. Jess Chandar Padua M.Sc., M.A., M.Ed., M.Phil., SET, Ph.D, Asst. Professor, Department of Zoology, Holy Cross College, Nagercoil and it has not been submitted elsewhere for the award of any other degree or diploma, associateship or fellowship of any University or Institution

N. HARISHMA

2021APZ431

Harishma J

K. VISHNU PRIYA

2021APZ433

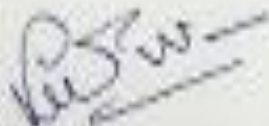
Vishnu Priya K

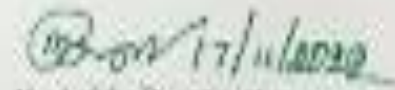
Place: Nagercoil

Date: 16/11/22

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A COMPARATIVE STUDY ON THE WATER QUALITY AND POTABILITY OF WATER BODIES IN KURUSADY VILLAGE, KANYAKUMARI DISTRICT" is a bonafide record of work done by Ms. N. Harishma (2021APZ431) and Ms. K. Vinaha Priya (2021APZ457) under the guidance and supervision of Dr. Jera Chandar Padua, during their course towards the partial fulfillment of their requirements for the degree of Master of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Marianopolis Students' University, Trivandrum.


Supervisor


Head of the Department

Dr. F. BRISCA RENUKA
HOD - Department of Zoology
Holy Cross College
Nagercoil - 629 004

Submitted for Viva Voce Examination held on


External Examiner

ACKNOWLEDGEMENT

It gives us immense pleasure to thank the God Almighty for his abundant blessing showered upon us. We express our heartfelt thanks to our parents, relatives for giving the blessing and moral support for the successful completion of our project work.

We thank Dr. R. Kalyani Devi, the principal, Holy Cross College, Nagrocoil for giving us the freedom to do our projects to our interest.

We express our sincere gratitude and thanks to Dr. P. Indira Kumari, Head of the Department of Zoology for providing necessary facilities.

We register our heartfelt gratitude to Dr. Santhosh Padua, Assistant Professor, Department of Zoology for her guidance, support and encouragement, without which we could not have complete our project work.

With great pleasure, I record our indebtedness to the elderly for their kind Co-operation in collecting the necessary data.

Place: Nagrocoil

Date: 16/11/20

N. HARISHMA

2021AP2431

Harishma

K. VISHNU PRIYA

2021AP2415

Vishnu Priya

DEPARTMENT OF ENGLISH

Falling Away: Social Fragmentation in Select Modern

Telugu Short Stories

PROJECT SUBMITTED TO

Holy Cross College (Autonomous)

Nagarcoll

(Affiliated to Maranmatham Sundaranar University)

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE AWARD OF DEGREE OF

MASTER OF ARTS

Submitted by

H. Abhishek (Reg No. 2021APE276)
P. Guneshika (Reg No. 2021APE277)

Under the guidance of

Dr. Sultha Kumarpally



PG & Research Department of English (Aided)

Holy Cross College (Autonomous)

Nagarcoll

November 2023

S. S. S.
12/11/23
External Examiner



DECLARATION

This project entitled "Falling Army: Social Fragmentation in Robert Merrett Tolson's 'Hate Speeches'" is an original and independent work, done under the guidance of Dr. Kishor Gajapally, Assistant Professor of English and is submitted to the Department of English, Holy Cross College (Autonomous), affiliated to Maricourtman Xavier's University, in partial fulfillment of the requirements for the M.A. Degree in English Literature. We hereby declare that the files are genuine and are not based on any other research work.

Name

Reg. No

Signature

B. Ashish

2021APEJ70

B. Ashish

P. Gowthika

2021APEJ07

P. Gowthika

Place: Nagavalli

Date: November 2027



Charic Existence:

A Sociological Study of Girish Karnad's *Wedding Album*

PROJECT SUBMITTED TO

Holy Cross College (Autonomous)

Nagercoil

(Affiliated to Maromaunam Sundararam University)

IN PARTIAL FULFILMENT OF THE REQUIREMENTS

FOR THE AWARD OF DEGREE OF

MASTED OF ARTS

Submitted by

F. Anisha (Reg No. 2021APE376)

S. Kalpana (Reg No. 2021APE392)

Under the guidance of

Dr. M.F. Anu Ford, M.A., B. Ed., M.Phil., Ph.D



PG & Research Department of English (Aided)

Holy Cross College (Autonomous)

Nagercoil

November 2022

External Examiner



Dr. M.F. Anne Perli,
Assistant Professor,
Department of English,
Holy Cross College,
Nagercoil – 629004.

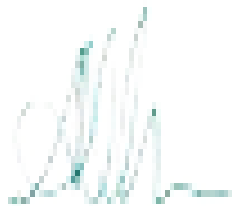
CERTIFICATE

This is to certify that the project report entitled “Chaotic Existence: A Sociological Study of Ghosh Kumar’s *Widdow Abban*” submitted by P. Anitha and S. Kalpana is a bonafide research work done during 2022-2023 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, vocationship, fellowship or any other similar title.

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

Place: Nagercoil.

Date: November 2023



Head of the Department

(Dr. Alby George)



Guide

(Dr. M.F. Anne Perli)



DECLARATION

This project entitled "Chaotic Existence: A Sociological Study of Girish Karnad's *Weekend Update*" is our original and independent work, done under the guidance of Dr. M.F. Anne Peril, Assistant Professor of English and is submitted to the Department of English, Holy Cross College (Autonomous), affiliated to Marjoriniam Sankararaj University, in partial fulfilment of the requirements for the M.A Degree in English Literature. We hereby declare that the facts are genuine and are not based on any other research work.

Name

Reg. No

Signature

P. Anisha

2021APE375

P. Anisha

S. Kalpana

2021APL392

S. Kalpana

Place: Nagercoil

Date: November 2022



**Representation of War and Victimhood: A Study of Nayomi Munaweera's
*Island of a Thousand Mirrors***

PROJECT SUBMITTED TO

HOLY CROSS COLLEGE (AUTONOMOUS)

IN PARTIAL FULFILLMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

Master of Arts

By

Name
Ann Mol. F
Fianna Joshi. A

Reg. no.
2021APE378
2021APE386

Under the guidance of
Ms. A. Anshya Doshi, M.A., SFT₁



PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS)

NAJIBUDDI.

NOVEMBER 2022

[Signature]
External Examiner



Ms. A. Anishyn Danti, M.A., SLET.,
Assistant Professor of English,
Holy Cross College (Autonomous),
Nagregod- 629804

CERTIFICATE

This is to certify that the project "**Representation of War and Victimhood: A Study of Nayana Munawara's *Island of a Thousand Mirrors***" submitted by Anil Mol. F and Piona Joshi.A, is a bonafide project work done during 2022-2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagregod

Date : November 2022



Head of the Department
(Dr. Alby Grace)



Guide
(Ms. A. Anishyn Danti)



DECLARATION

We hereby declare that this project entitled "Representation of War and Victimhood: A Study of Nayomi Munawera's *Island of a Thousand Mirrors*" is a bonafide record of work done by us under the guidance of Ms. A. Anishya Dani, 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.

Anu Mol F

2021APE378



Fiona Joshi. A

2021APE386



Place: Nagercoil

Date: November 2022



**Emotions Intertwined with Culinary Skills: An Insight into
Laura Esquivel's *Like Water for Chocolate***

**PROJECT SUBMITTED TO
Holy Cross College (Autonomous), Nagarcoll
(Affiliated to Mannammaniam Sundaranar University)**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF DEGREE OF
MASTER OF ARTS**

Submitted by

**C. M. Angel Khiley (Reg No. 2021APP374)
R. L. ROXY DEVA (Reg No. 2022LAP395)**

Under the guidance of

Dr. H. Jimmy Ashu

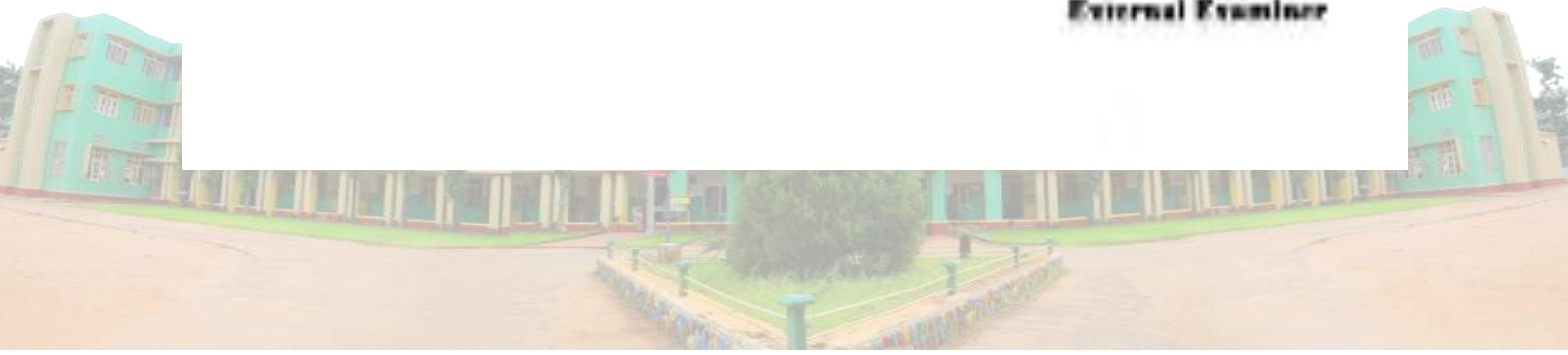


**PG & Research Department of English (Aided)
Holy Cross College (Autonomous)**

Nagarcoll

November 2022

External Examiner
External Examiner



Dr. H. Jincy Anba,
Assistant Professor,
Department of English,
Holy Cross College,
Nagercoil – 629004.

CERTIFICATE

This is to certify that the project entitled "Erasmus Interwined with Culinary Skills: An Insight into Laura Taqveel's *Love Home for Cherrise*" submitted by C. M. Anjali Shiny & R. L. Rosy Decna is a beneficial research work done during 2022-2023 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, associateship, fellowship or any other similar title.

I also certify that this project represents complete independent work of the candidate.

Place: Nagercoil.

Date: November 2023



Head of the Department
(Dr. Alby Grace)



Guide
(Dr. H. Jincy Anba)

DECLARATION

This project entitled "Emotions Intertwined with Culinary Skills: An insight into Laura Esquivel's *Like Water for Chocolate*" is our original and independent work, done under the guidance of Dr. Jimmy Asha, Assistant Professor of English and is submitted to the Department of English, Holy Cross College (Autonomous), affiliated to Maracroma Sankarana University, in partial fulfillment of the requirements for the M.A Degree in English Literature. We hereby declare that the facts are genuine and are not based on any other research work.

Name	Reg. No	Signature
C. M. Angel Shiny	2021APE374	
R. L. Romy Ilana	2021APE395	

Place: Nagercoil

Date: November 2022



Assignment through Agency:

A Study of Fyodor Dostoevsky's *Crime and Punishment*

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

Master of Arts

By

Name	Reg.no.
<i>Abhinav J</i>	2021APC271
<i>Reema Jay. S</i>	2021APC281

Under the guidance of

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



PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL

NOVEMBER 2022

[Signature]
19/11/22
External Examiner



Mrs. 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 "Atonement through Agency: A Study of Dostoevsky's *Crime and Punishment*" submitted by Abishol and Beema Joy S is a bonafide project work done during 2022-2023 under my guidance and supervision and that the project has not previously formed the basis for the award in the candidate of any Degree, Diploma or any other similar title.

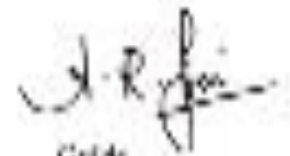
Place: Nagercoil

Date: November 2022



Head of the Department

(Dr. Alby Cross)



Guide

Mrs. A.R. Jemi



DECLARATION

We hereby declare that this project report entitled "Atonement through Agony: A Study of Fyodor Dostoevsky's Crime and Punishment" is a bonafide record of work done by us under the guidance of Mrs. 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

Abisha J

2021APE371



Hesma Joy. S

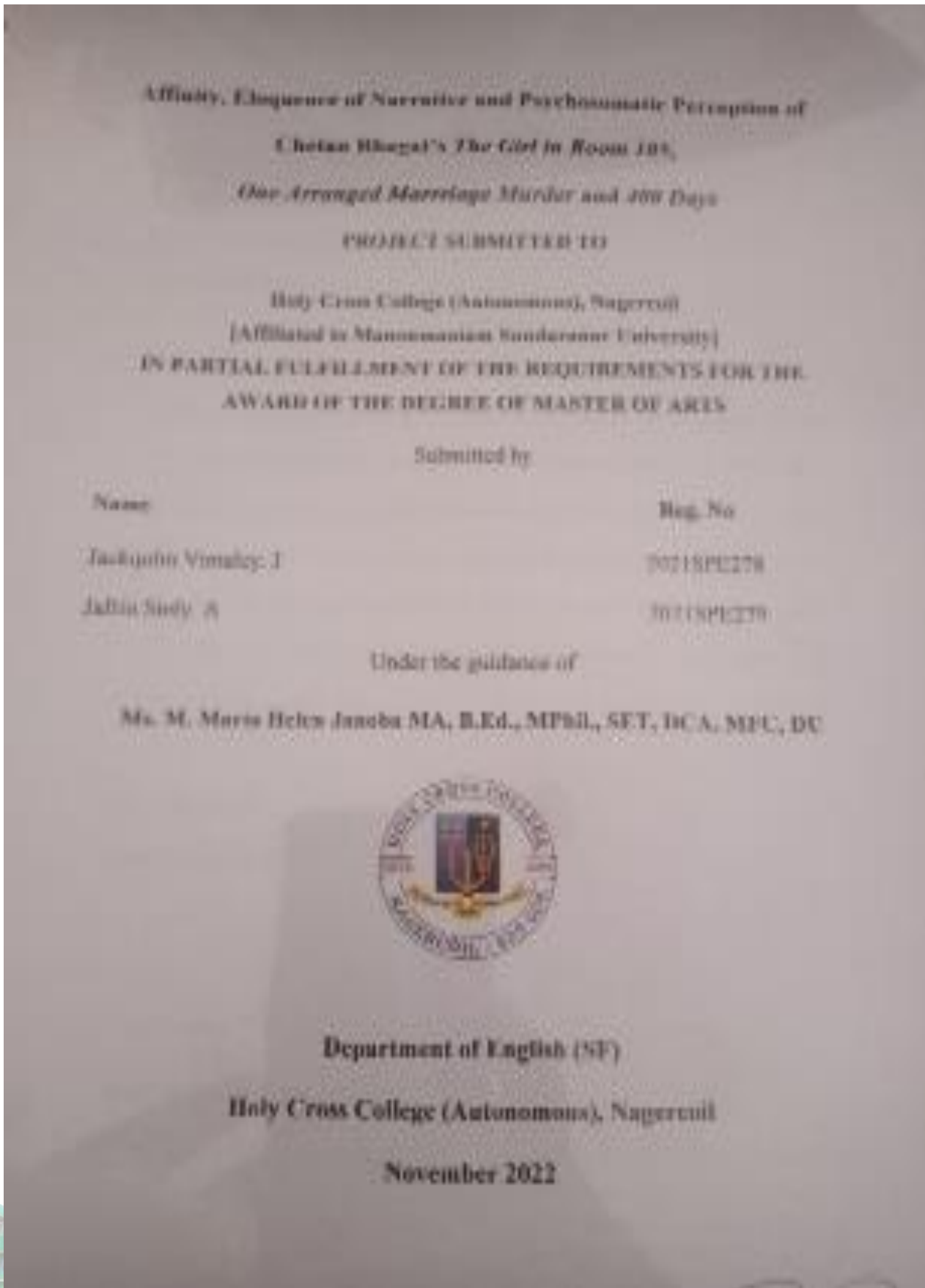
2021APE381



Place : Nagercoil.

Date : November 2022.

DEPARTMENT OF ENGLISH (S.F)




Ms. M. Maria Helen Joseph MA, B.Ed., MPhil, MEd, DCA, MFC, DLI
Department of English,
Holy Cross College (Autonomous),
Nagercoil-628004.

CERTIFICATE

This is to certify that the project entitled *Affinity, Disaffinity of Narrative and Psychoanalytic Perception of Laxman Bhagat's The Girl in Room 105, The Arranged Marriage Murder and 450 Days* submitted by Jashodhara Vimala, B.A. and Jashin Nishy, A is a sincere research work done during 2021-2022 under my guidance and supervision and that the project has not previously formed the basis for the award in the conferring of any degree, diploma, fellowship or any other similar title. I also certify that this project represents complete independent work on the part of the candidates.

Place: Nagercoil

Date: November 2022


Head of the Department
Department of English (S.S.)
Holy Cross College (Autonomous),
Nagercoil-628004.


Guide
(Ms. M. Maria Helen Joseph)

Decoding the Niche in Susan Marty's

Three Thousand Stitches

PROJECT SUBMITTED TO

Holy Cross College (Autonomous) Nagercoil

Affiliated To Mar Thoma Syrian University, Tiruvananthapuram

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

MASTER OF ARTS

Submitted by

Nashra. H

202182PE295

Thara Lakshmi. J.

202182PE296

Under the guidance of

Mrs. Nirmala A.M.A, MPhil.



Department of English (86)

Holy Cross College (Autonomous), Nagercoil

November 2022

CERTIFICATE


This is to certify that the project report entitled *Decoding the Niche in Sadha Murty's Three Thousand Sketches* submitted by Sadha. H and Thana Lakshmi. L is a genuine research work done during 2022-2023 under my supervision and guidance and that the project has not previously formed the basis for the award to the candidate of any Degree, Diploma, Fellowship or any other similar title.

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

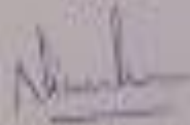
Place: Nagercoil

Date: November 2022

Head of the Department


Department of English (H.I.)
Government College Nagercoil
(Mrs. Maria Helen Inobu)

Guide


(Mrs. Nimesha. A)

Choices: Barriers or Boons in a Person's Life A Psychological Analysis

on Gayle FURBER'S

If I Stay

PROJECT SUBMITTED TO

Holy Cross College (Autonomous), Nagercoil

Affiliated To Marianopolis Soudanese University, Darnahail

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS

FOR THE AWARD OF THE DEGREE OF

MASTER OF ARTS

Submitted by

Ahmed, A. K.

2021SPE708

Ahmed, S. S.

2021SPE200

Under the guidance of

Ms. Amalishma Roshiba, B MA, MPhil., DMM



Department of English (SF)

Holy Cross College (Autonomous), Nagercoil

November 2022

CERTIFICATE

This is to certify that the project report entitled *Cherish: Barriers or Blessings in a Person's Life A Psychological Analysis on Gayle Fursman's If I Stay* submitted by Abhishek A. K and Abhinav Sankar, is a bonafide research work done during 2022-2023 under my supervision and guidance and that the project has not previously formed the basis for the award to the candidate of any Degree, Diploma, Fellowship or any other similar title.

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

Place: Nagercoil

Date: November 2022

Head of the Department

Department of English (S.S.)
[Mrs. Meera Hameed] (S.S.)
Nagercoil - 724 224

(Ms. Ashritha Roshita R)

*Racial and Ethnic Discrimination: An Analytical Study of Paul
Beatty's The Yellow*

PROJECT SUBMITTED TO

Holy Cross College (Autonomous) Nagercoil

Affiliated to Marianopolis Soudanese University, Jerusalem

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

Submitted by

Name

Reg. No.

Hiranjana S.P

2011SP02188

Pami Sthanini S

2011SP02190

Under the guidance of

Mrs. C. Christal Jami M.A. M.Phil. D.J.C. NET



Department of English (SE)
Holy Cross College (Autonomous), Nagercoil
November 2022

CERTIFICATE


This is to certify that the project entitled **Racial and Ethnic Discrimination: An Analytical Study of Paul Beatty's The Sublime** submitted by Niranjana.S.P and Poojitha.S.A bona fide research work done during 2022-2023 under my supervision and guidance and that the project has not previously formed the basis for the award to the candidate of any Degree, Diploma, Fellowship or any other similar title.

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

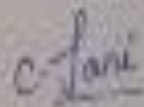
Place: Nagpet

Date: November 2022

Head of the Department


(Mrs. Manikant Jambhale)
HOD, English Department
Nagpet College

Guide


(Mrs. C. Christal Jini)

Script to Screen: A Study of Ransom Riggs' *Miss
Peregrine's Home for Peculiar Children*

PROJECT SUBMITTED TO

Holy Cross College (Autonomous), Nagersoil
[Affiliated to Marathwada Sahakarana University]

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

Submitted by

Name	Reg. No
Euni Barbara P	2021SP0274
Ferni Bevashtum	2021SP0275

Under the guidance of

Mrs. A. Nimesha M.A, MPhil



Department of English (SP)
Holy Cross College (Autonomous), Nagersoil

November 2022

CERTIFICATE


This is to certify that the project entitled *Script in Kannada: A Study of Ranganatha Ranga Purnagiri's House for Orphan Children* submitted by **Farah Rehana, First Year B.A. English** is a research work done during 2022-2023 under my supervision and guidance and that the project has not previously formed the basis for the award to the candidate of any degree, diploma, fellowship or any other similar title.

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

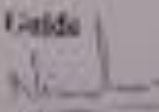
PLACE: Nagroli

DATE: November 2023

Head of the Department


(Mrs. M. Maria Helen Josepha)

Guide


(Mrs. Nimesha A)

DEPARTMENT OF HISTORY

**ILLUSTRIOUS CELEBRITIES OF KANYA KUMARI
DISTRICT SPECIAL REFERENCE TO
AGASTHEESWARAM AND KALKULAM TALUK**

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

MASTER OF ARTS IN HISTORY

Submitted by

N. MICHEL REYHIL - 2021SPH1419

C.NANISREE - 2021SPH1254

**Under the Guidance of
Dr. K.BABY**



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

NAGERCOIL - 629 004

NOVEMBER - 2023

CERTIFICATE

This is to certify that this project work entitled "ILLUSTRIOUS
CONTRIBUTION OF KANYA KUMARI DISTRICT SPECIAL REFERENCE TO
AGASTHEESWARAM AND KALKULAM TALUK "done by the second year
M.A. History students N.Mithal Koyhal and C.Nandren during the academic year
2021-2022 for the degree of Master of Arts in History, under my supervision and
guidance. Further, it has not been submitted for any other degree or fellowship or
awardship in any other university or institutions of higher education.

Place: Nagercoil

Date: 16-11-2022


Signature of the Guide

Signature of Internal Examiner
Dr. V.S. PRASANTH, M.A., M.Phil., M.L.S.,
HOD of History
Kalyanapuri College of Arts and Science,
Kanyar Templekudal District Teriduvai
Email: vsp@kalyanarths.ac.in


Signature of the H.O.D.
Dr. S. JALAJA NIRMALI
Assistant Professor & Head
Department of History
Holy Cross College (Autonomous)
Nagercoil - 789314



GROWTH OF WOMEN EDUCATION IN KANYONKOMARI DISTRICT - A STUDY

Dr. Jyoti Chitambar, Ph.D. (M.A.)
Associate Professor, Department of Education,
Kanyanagar College, Kanyanagar

MASTERS IN EDUCATION

Scholarship

16.000000000000000

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15.000000000000000

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Dr. Jyoti Chitambar
Kanyanagar College



DEPARTMENT OF EDUCATION

KANYANAGAR COLLEGE (Autonomous)

KANYANAGAR - 422001

KANYANAGAR - 2022

CERTIFICATE

This is to certify that this project work entitled **GROWTH OF WOMEN EDUCATION IN KANYAKUMARI DISTRICT - A STUDY** done by the second year M.A. History students, R.Sangeetha, K.Vinsha during the academic year 2022-2023 for the degree of Master of Arts in History, under my supervision and guidance. Further, it has not been submitted for any other degree or fellowship of awardship in any other university or institutions of higher education.

Place: Nagercoil

Date: 10.11.2024

[Handwritten Signature]
Signature of the Guide

Signature of External

[Handwritten Signature]
Dr. V.S. PRASANTH, M.A., M.Phil., Ph.D.
HEAD of History
Letchaipattam College of Arts and Science
Neyyur Kappalamedu Campus, Thuvakudi
Email: vaiprasanthm@gmail.com

Signature of the H.O.D

[Handwritten Signature]
Dr. I. JALAJA KUMARI
Assistant Professor & Head
Department of History
Holy Cross College (Autonomous)
Nagercoil - 870004

**CONTRIBUTION OF PANDYAS TO ANCIENT
TAMILAGAM**

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

MASTER OF ARTS IN HISTORY

Submitted by

G. RACHEL LIBI JANITHA	2021SPH255
J. JEEVA	2021SPH418

Under the Guidance of

Dr. R. SUJI



**DEPARTMENT OF HISTORY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 064
NOVEMBER 2022**

CERTIFICATE

This is to certify that this project work entitled Contribution of Pandiyas to Ancient Tamilagam done by the second year M.A. History students, G. Rachel Uthi Janisha and A. Jeeva during the academic year 2022-2023 for the degree of Master of Arts in History, under my supervision and guidance. Further, it has not been submitted for any other degree or fellowship or association in any other university or Institutions of higher education.

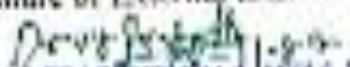
Place: Nagercoil

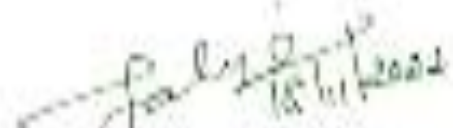
Date: 16 - 11 - 2023



Signature of the Guide

Signature of External Examiner


Dr. V.S. PRASANTHEEM A. M.Phil, Ph.D.,
HOD of History
Lekshmapatan College of Arts and Science
Neyyoor Kanyakumari District Tamilnadu
Email: aivprasantheem@gmail.com



Signature of the HOD

Dr. L. JALAJA KUMARI
Assistant Professor & Head
Department of History
Holy Cross College (Autonomous)
Nagercoil - 629004

Education Condition of Kulasekharam –A Study

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

MASTER OF ARTS IN HISTORY

Submitted by

Dominic Abell, X 20215PH251
Jenifer, J 20215PH252

**Under the Guidance of
Dr. R. Suji**



DEPARTMENT OF HISTORY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004
NOVEMBER, 2022



CERTIFICATE

This is to verify that this project work entitled Education Condition of Kulothkannan –A Study done by the second year M.A. History students, Hemini Abell, A and Jennifer, J during the academic year 2022-2023 for the degree of Master of Arts in History, under my supervision and guidance. Further, it has not been submitted for any other degree or fellowship or association in any other university or institutions of higher education.

Place: Nagercoll

Date: 16/11/2022

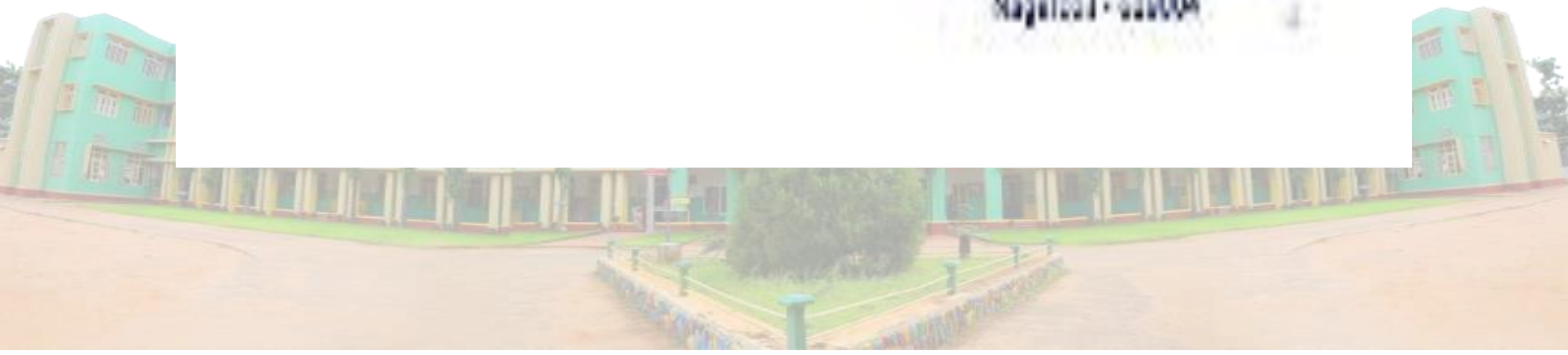
Signature of the Guide

Signature of External Examiner

Dr. V. PRASANTH, M.A., M.Phil., Ph.D.,
HOD of History
Lakshminarayan College of Arts and Science
Koyote Kottalamai Street, Tirukuda
Pondicherry-605004

Signature of the H.O.D

Dr. L. JALAJA KUNAKI
Assistant Professor & Head of
Department of History
HAY GUSS College (Autonomous)
Nagercoil - 626004



DEPARTMENT OF ECONOMICS

**PROBLEMS AND PROSPECTS OF SINGLE PARENTS WITH SPECIAL
REFERENCE TO NAGERCOIL CORPORATION**

*Dissertation Submitted to Holy Cross College (Autonomous) Nagercoil in
Partial fulfillment for the award of the degree of*
MASTER OF ECONOMICS

Under the guidance of

Dr. J. MEYNTITHA CHARLES, M.A., M.Phil., Ph.D.

Submitted by,

Ms. P. J. Habzillah -

2021SP1260



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

NAGERCOIL - 629004


CERTIFICATE

I hereby certify that the project report entitled "PROBLEMS AND PROSPECTS OF SINGLE PARENTS WITH SPECIAL REFERENCE TO NAGERCOIL CORPORATION" submitted by P.L.Helalbah to Holy Cross College (Autonomous), Nagercoil for the award of Master of Arts in Economics is a bonafide record work done by under my supervision. The report represents entirely an independent original work of the candidate.

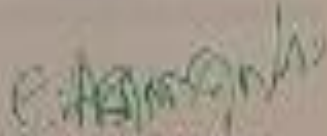
Place: Nagercoil

Date: 14.11.2022


Supervisor


Head of the Department

Dr. N. Vinod Delli, M.A., M.Phil., M.D.
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil


External Examiner

Dr. C.R. DEBAN HANNAH, M.A., M.Phil., M.D.
Assistant Professor of Economics
Post Graduate Studies Centre
N.T. Haveli College, Nagercoil - 421 002
Nainital District
Tamil Nadu.

**"A STUDY ON CONSUMER PREFERENCE OF TOOTHPASTE IN NAGERCOIL OF
KANYAKUMARI DISTRICT"**

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

MASTER OF ECONOMICS

Under the guidance of

Dr. A. SAMEEMA, M.A, M.Phil, H.D.C.A., Ph.D.

Submitted By,

Ms. S. Sowmiya

Reg. No. 2013PH413



DEPARTMENT OF ECONOMICS

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629 004

2022-2023

AN ECONOMIC STUDY OF WOMEN UNORGANIZED WORKERS
IN NAGERCOIL.

*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil,
in partial fulfillment for the award of the degree of
MASTER OF ECONOMICS*

Under the Guidance of

Dr. A. Babila Kingsly, M.A., M.Phil., Ph.D.,

Submitted by

A. Sabiya Gayathri

Reg.No. 2021SPF414



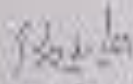
DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 619 004

2021 - 2023

CERTIFICATE

I hereby certify that the project report entitled "AN ECONOMIC STUDY OF WOMEN UNORGANIZED WORKERS IN NAGERCOIL" was done by A. SATHYA GAYATHRI in Holy Cross College (Autonomous), Nagercoil, for the award of Master of Economics is a bonafide and work done by her under my supervision. The report represents entirely an independent original work of the candidate.


Supervisor

Place: Nagercoil

Date: 12/1/2022



Head of the Department

Dr. S. Vimala Devi, M.A., M.Phil.,
Head of the Department
Department of Economics
Holy Cross College (Autonomous)
Nagercoil


External Examiner
Dr. C.A. Rajan Prasad, M.A., M.Phil.,
Associate Professor of Economics
Holy Cross College, Nagercoil - 791
X7, Holy Cross College, Nagercoil - 791
Nagercoil District
Lakshadweep

THE SOCIO ECONOMIC CONDITIONS OF OLDAGE PEOPLE OF
NAGERCOIL CORPORATION IN KANNIYAKUMARI DISTRICT

Dissertation submitted to Holy Cross College (Autonomous) Nagercoil in

Partial fulfillment for the award of the degree of

MASTER OF ECONOMICS

Under the guidance of

Dr. J. MLVINITHA CHARLES, M.A., ALPBI, Ph.D.

Submitted By,

Ms R. Kavayya

2021SPF260



DEPARTMENT OF ECONOMICS

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629004

2022-2023

CERTIFICATE

I hereby certify that the project report entitled "THE SOCIO ECONOMIC CONDITIONS OF OLDAGE PEOPLE OF NAGERCOIL CORPORATION IN KANNIYAKUMARI DISTRICT" submitted by W. Pradya to Holy Cross College (Autonomous), Nagercoil for the award of Master of Arts in Economics is a bonafide, original work done by under my supervision. The report represents entirely an independent original work of the candidate.

Place: Nagercoil

Date: 16.11.2021


Supervisor



Head of the Department

B. A. Vinod Datta, M.A., M.Phil., Ph.D.
Head of the Department,
Department of Economics,
Holy Cross College (Autonomous),
Nagercoil


External Examiner

Dr. U.A. Prasad, M.A., M.Phil., Ph.D.
Assistant Professor of Economics II,
Periyar Government Arts and Science College,
P.T. 16344, Calicut, Post No. - 670332,
Kanniyakumari District,
Tamil Nadu.

A STUDY ON SOCIO-ECONOMIC CONDITIONS OF STUDENT
ENTREPRENEURS IN KANNIYAKUMARI DISTRICT WITH
SPECIAL REFERENCE TO NAGERCOIL CORPORATION

Thesis submitted to Holy Cross College (Autonomous), Nagercoil
in partial fulfillment for the award of the degree of
MASTER OF ECONOMICS

Under the guidance of
Ms. M. Sahaya Venila M.A., M.Phil., M.Ed., DED, SET

Submitted by
Ms. S. SONA PREYADAKSHINI
Reg. No. 2018PP246



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

DEPARTMENT OF COMMERCE (S.F-I)

A STUDY ON IMPACT OF SOCIAL MEDIA ON CONSUMER BEHAVIOUR

Submitted by

Holy Cross College (Autonomous), Nagercoil.

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

MASTER OF COMMERCE

Submitted by

LANISHA 2021SPA302

ANNA FRANCINE 2021SPA309

Under the Guidance of

Dr. P. M. Sivanmalarajam M.Com., B.Ed., M.Phil., Ph.D



DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629004

November - 2022

Dr. P.M. Srinivasa Rao M.Com, B.Ed, M.Phil, Ph.D
Assistant Professor of Commerce,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil-629004

CERTIFICATE

This is to certify that the project work entitled "A STUDY ON IMPACT OF SOCIAL MEDIA ON CONSUMER BEHAVIOUR" is a bonafide record of the work done by F. ANISHA and ANNA FRANCIS under my supervision and guidance and submitted in partial fulfillment of the requirement for the degree of Master of Commerce. It has not been submitted for the award of any degree, diploma, or any similar title.

Place: Nagercoil

Date: 16/11/2020

Head of the Department

Dr. R. Evelyn Latha, M.Com, B.Ed, Ph.D
Head of the Department of Commerce (30-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

Supervisor

Examiner

**YOUNG CONSUMER PREFERENCE OF MOBILE
WALLETS GATEWAY FOR CASHLESS PAYMENT
IN NAGERCOIL TOWN**

Project report submitted to
Holy Cross College (Autonomous), Nagercoil
Affiliated to Mar Thoma Syrian Church University, Tirunelveli
In partial fulfillment of the requirement for the award of the degree of

MASTER OF COMMERCE

Submitted by

AKISHIMA L.	2021SPA300
ANANTHI A.	2021SPA701

Under the guidance of

Mrs. S. JAMELI A, M.Com., M.Phil.



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

NOVEMBER - 2022

Mrs. S. JAMEEL A. M. Com., M.Phil.
Assistant Professor of Commerce,
Holy Cross College (Autonomous),
Nagavalli - 522 004

CERTIFICATE

This is to certify that the project report entitled "VOLUME CUSTOMER PREFERENCE OF MOBILE WALLETS GATEWAY FOR CASHLESS PAYMENT IN NALKHICOLL TOWN" is a bonafide record of research work done by AKISHMA L and ANANTHIA under my supervision and guidance and submitted in partial fulfillment of the requirement for the degree of Master of Commerce. It has not been submitted for the award of any degree, diploma, or any similar title.

Place Nagavalli
Date: 16.11.2023

HEAD OF THE DEPARTMENT

SUPERVISOR
EXTERNAL EXAMINER

G. R. Eswar Lakshmi, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (B-1)
Holy Cross College (Autonomous)
Nagavalli - 522 004

**A STUDY ON USAGE OF E-BANKING SERVICES
AMONG COLLEGE STUDENTS IN NAGERCOIL TOWN**

Submitted to

Holy Cross College (Autonomous), Nagercoil,
Affiliated to Mamburam Sundaranar University, Tirunelveli
In partial fulfillment of the requirement for the award the degree of
MASTER OF COMMERCE

Submitted by

S.VESMILIYA	2021SPA327
N.NISHIBA	2021SPA395

Under the Guidance of

Dr. M. CHARLES DAYANA, M.Com, MPhil, Ph.D.



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

NOVEMBER - 2022

Dr. M. Charles Dayana, M.Com., M.Phil., Ph.D.
Assistant Professor in Commerce,
Holy Cross College (Autonomous),
Nagercoil-479004

CERTIFICATE

This is to certify that the project work entitled "A STUDY ON USAGE OF E-BANKING SERVICES AMONG COLLEGE STUDENTS IN NAGERCOIL TOWN," is a bonafide record of the work done by S.VERMILYA and N. NISHIRA under my supervision and guidance and submitted in partial fulfillment of the requirement for the Degree of Master of Commerce. It has not been submitted for the award of any other degree, diploma, or any similar title.

Place: Nagercoil

Date: 16.11.2023

M. Dayal
Supervisor


Head of the Department

Dr. R. Evelyn Latha, M.Com., M.Phil., Ph.D.
Head of the Department of Commerce (2F-3)
Holy Cross College (Autonomous)
Nagercoil - 479 004


External Examiner


Mrs. A. FRANKLIN HAGILA, M.C.S., M.Com., M.Phil., M.Ed.
Assistant Professor of Commerce,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil 629004.

CERTIFICATE

This is to certify that the project work entitled "A STUDY ON CONSUMERS PERCEIVED RISKS IN ONLINE SHOPPING;" is a record of research work done by G. MATHALIN ALSA and J. MARIA THERESE KINSILA under my supervision and guidance. The report is submitted in partial fulfillment of the requirements for the degree of Master of Commerce. The report represents entirely an original work of the candidates.

Place: Nagercoil

Date: 16/11/2021


SUPERVISOR


HEAD OF THE DEPARTMENT

Dr. R. Franklin Hagila, M.Com., M.Phil., M.Ed.
Head of the Department of Commerce (SF-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004


EXTERNAL EXAMINER

**A STUDY ON CONSUMERS PERCEIVED RISKS
IN ONLINE SHOPPING**

Project report submitted to
Holy Cross College (Autonomous) Nagercoil
Affiliated to Marjoriniam Sureshwar University, Tirunelveli
In partial fulfillment of the requirements for the award of degree of

MASTER OF COMMERCE

Submitted by

G. MAUTHALIN ALSA	2021SPA314
J. MARIA THERESE KINSILA	2021SPA316

Under the Guidance of

Mrs. A. FRANKLIN RAJILA, M.C.S., M.Com., M.Phil., NET



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

NOVEMBER – 2022

**A STUDY ON CUSTOMER SATISFACTION OF
FASTTRACK PRODUCTS PROJECT REPORT**

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

MASTER OF COMMERCE

Submitted by

<i>Name</i>	<i>Reg. No.</i>
DEV SHALINI. K	2021SPA310
FATHIMA SHARMINA.M.S	2021SPA311

Under the guidance of

Mrs. A. FRANKLIN RAGILA, M.C.S., M.Com., M.Phil., NET



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

NOVEMBER - 2022

Mrs. A. FRANKLIN RAJILA, M.C.A., M.Com., M.Phil., NET,
Assistant Professor,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report entitled " is a bonafide record of project work by" DEV SHALINI K and FATHIMA SHAHMINA, M. B under my supervision and guidance. The report is submitted in partial fulfillment of the requirements for the degree of Master of Commerce. The report represents entirely an original work of the candidates.

Place: Nagercoil

Date: 11.11.2022.

Frank
Supervisor

[Signature]
Head of the Department

[Signature]
External Examiner

Dr. R. Evelyn Latha, M.Com, M.Phil, Ph.D
Head of the Department of Commerce (2F-1)
Holy Cross College (Autonomous)
Nagercoil - 629 004

[Signature]
12/11/2022

Department Of M.S.W

**A PHYSICAL, AND PSYCHOLOGICAL STUDY ON THE PROBLEMS FACED BY
THE EMPLOYEES WORKING IN THE IT SECTOR WITH REFERENCE TO
(CHENNAI)**

Dissertation submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to

Mar Thoma Syrian University, Tiruvananthapuram in partial fulfillment of the

requirements for the award of the degree of

MASTER OF SOCIAL WORK

Submitted by

MR. A.DEVA DHARSHINI

REG: NH 2021SPW397

Under the guidance of

MS.S.PONSUNTHARI

ASSISTANT PROFESSOR, P.G. DEPARTMENT OF SOCIAL WORK



P.G. DEPARTMENT OF SOCIAL WORK

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-629004

NOVEMBER 2022

BONAFIDE CERTIFICATE

This is to certify that the research entitled "A PHYSICAL AND PSYCHOLOGICAL STUDY ON THE PROBLEMS FACED BY THE EMPLOYEES WORKING IN IT SECTOR-WITH REFERENCE TO CHENNAI", Submitted to Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirements for award of Degree of Master of Social Work is a bonafide research work done by Ms. A. DEVA DILAKSHINI (Reg. No. 2021SPW307) under the guidance of Mrs. S. PON SUNDARI, entitled as part of this research has been submitted for the award of any other Degree/ Diploma/fellowship to any University/ Institution.

S. Pon Sundari
18/11/2022
External Examiner,

S. Pon Sundari
18/11/2022
Faculty Guide,

(Ms.S. Pon Sundari)

Department of Social Work
Holy Cross College (Autonomous)
Nagercoil

J. Mary Deeba
18/11/22
Head of the Department

(Ms. J. Mary Deeba)

HOD
Dept. of Social Work
Holy Cross College (Autonomous)
Nagercoil

BONAFIDE CERTIFICATE

This is to certify that the research entitled "A STUDY ON STUDENTS MENTAL HEALTH WITH REFERENCE TO GOVERNMENT SCHOOL", submitted to Holy Cross College (Autonomous) Nagavail, partial fulfillment of the requirements to the award of Degree of Master of Social work is a bonafide research work done by A. INFANT CAMBALMENT (Reg. No. 2021NPW332) under the guidance of Dr. E. KATHIA RAJ, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ fellowship to any University/ Institution.

M. S. D. S.
External Examiner

E. Kathia Raj
Faculty Guide
(Dr. E. Kathia Raj)

Department of Social Work
Holy Cross College (Autonomous)
Nagavail

J. Mary Deeba
Head of the Department
(Mrs. J. Mary Deeba)

HOD
Dept. of Social Work
Holy Cross College (Autonomous)
Nagavail

**A STUDY ON MENTAL HEALTH AMONG STUDENTS WITH SPECIAL
REFERENCE TO GOVT SCHOOLS.**

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

MASTER OF SOCIAL WORK

Submitted by

A. INFANT CAMBAL MENTI

REG. NO. 2021SPW002

UNDER THE GUIDANCE OF

Dr. E. SATHIA RAJ

(Assistant Professor, P.G. DEPARTMENT OF SOCIAL WORK)



**P.G. DEPARTMENT OF SOCIAL WORK
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL – 629 001.

November - 2022

A STUDY ON WOMEN AFFECTED WITH PCOD WITH DIMENSIONS OF HEALTH IN HOLY
CROSS COLLEGE , NAGERCOIL.

*Dissertation 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*

MASTER OF SOCIAL WORK

Submitted by

Ms. J. SELVA DISALINE

RPG. NO. 2021SPW225

UNDER THE GUIDANCE OF

Ms. J. MARY DEBBA

(HEAD, P. G. DEPARTMENT OF SOCIAL WORK)



**P.G DEPARTMENT OF SOCIAL WORK
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL - 629 001.

November - 2022

**A PSYCHOLOGICAL STUDY ON ONLINE GAME ADDICTION
AMONG ADULTS IN KOTTAR**

*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil
Affiliated to Mar Thoma Syrian University, Thrissur, in partial
fulfilment of the requirement for the award of the degree of*

MASTER OF SOCIAL WORK

Submitted by

Ms. S. Aarthi

REG. NO. 2021SPW396

UNDER THE GUIDANCE OF

DR. E. SATHIA RAJ

(Assistant professor P.G. DEPARTMENT OF SOCIAL WORK)



**P.G DEPARTMENT OF SOCIAL WORK
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL- 629004

NOVEMBER -2022

INTERNAL CERTIFICATE

This is to certify that the research entitled "A PSYCHOLOGICAL STUDY ON ONLINE GAME ADDICTION AMONG ADULTS IN KOTTAR", submitted to Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirement to the award of Degree of Master of Social Work is a bonafide research work done by Ms. S. AARTHI (2021SPW396) under the guidance of Dr. E. SATHIA RAJ, and that no part of this research and submitted for the award of any other Degree/Diploma/Fellowship in any university/institution.

[Signature]
EXTERNAL EXAMINER

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HEAD OF THE DEPARTMENT
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Dept. of Social Work
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(DR. E. SATHIA RAJ)
FACULTY GUIDE

Department of Social Work
Holy Cross College (Autonomous)
Nagercoil

BONAFIDE CERTIFICATE

This is to certify that the research entitled "A STUDY ON WOMEN AFFECTED WITH PCOD WITH DIMENSIONS OF HEALTH IN HOLY CROSS COLLEGE, NAGERCOIL." submitted in Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirement to the award of Degree of Master of Social work is a bonafide research work done by Ms. J. BELVA DISALINI (Reg. No. 2021SPW335) under the guidance of Ms. J. MARY DEEBA, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ fellowship to any University/ Institution.

J. Mary Deeba
18/11/22
External Examiner

J. Mary Deeba
18/11/22
Head of the Department &
Faculty Guide.

(Ms. J. Mary Deeba)

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Dept. of Social Work
Holy Cross College (Autonomous)
Nagercoil

MINOR THE CERTIFICATE

This is to certify that the research entitled "A STUDY ON MENTAL HEALTH PROBLEM FACED BY COASTAL AREA PEOPLE DUE TO THEIR WAY OF LIVING CONDITIONS", submitted in Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirement to the award of Degree of Master of Social work is a successful research work done by S. Divya (Reg. No. 202182PW300) under the guidance of Dr. K. Sathya Raj, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ Fellowship to any University/ Institution.

[Handwritten Signature]
External Examiner

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Faculty Guide
(Dr. K. Sathya Raj)

Department of Social Work
Holy Cross College (Autonomous)
Nagercoil

[Handwritten Signature]
Head of the Department

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Dept. of Social Work
Holy Cross College (Autonomous)
Nagercoil

**A STUDY ON MENTAL HEALTH PROBLEM FACED BY COASTAL AREA
PEOPLE DUE TO THEIR WAY OF LIVING CONDITIONS**

*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil,
affiliated to Mambalam Saint Thomas University, Trivandrum, in partial
fulfilment of the requirement for the award of the degree of*

MASTER OF SOCIAL WORK

Submitted by

A. Ihsay

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UNDER THE GUIDANCE OF

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P.G DEPARTMENT OF SOCIAL WORK

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL - 629 001.

November - 2022

**A PHYSICAL AND PSYCHOLOGICAL STUDY ON THE PROBLEMS FACED BY
THE EMPLOYEES WORKING IN THE IT SECTOR-WITH REFERENCE TO
CHENNAI**

*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil, affiliated to
Mannamkulam Swamikal University, Tiruvananthapuram, in partial fulfillment of the
requirements for the award of the Degree of*

MASTER OF SOCIAL WORK

Submitted by

MS. ADHYA DEVARSHINI

REG. NO: 2021SPW397

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ASSISTANT PROFESSOR, P.O. DEPARTMENT OF SOCIAL WORK



P.G. DEPARTMENT OF SOCIAL WORK

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NAGERCOIL-629064

NOVEMBER-2022

HONAFIDE CERTIFICATE

This is to certify that the research entitled "A PHYSICAL AND PSYCHOLOGICAL STUDY ON THE PROBLEMS FACED BY THE EMPLOYEES WORKING IN IT SECTOR- WITH REFERENCE TO CHENNAI", Submitted to Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirements for the award of Degree of Master of Social Work is a bonafide research work done by Ms. A. DEVA DHARSHINI (Reg. No. 2021SPW307) under the guidance of Mrs. S. PON SUNDARI, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ Fellowship to any University/ Institution.

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External Examiner,

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18/11/2022
Faculty Guide,
(Ms.S. Ponnaschetti)

Department of Social Work
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Nagercoil

[Handwritten Signature]
18/11/22
Head of the Department
(Ms. J. Mary Deeba)

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Dept. of Social Work
Holy Cross College (Autonomous)
Nagercoil

BONAFIDE CERTIFICATE

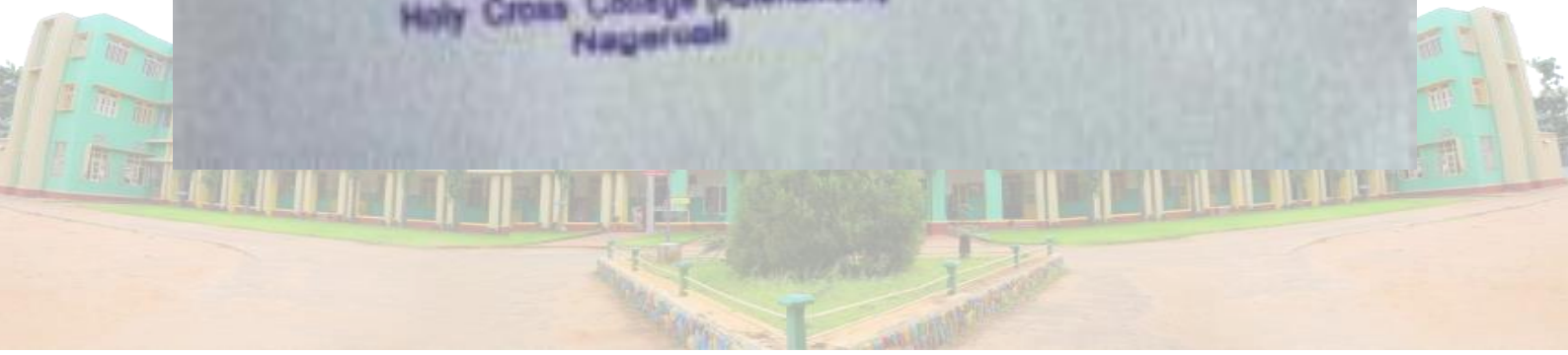
This is to certify that the research entitled "A STUDY ON STUDENTS MENTAL HEALTH WITH REFERENCE TO GOVERNMENT SCHOOL", submitted to Holy Cross College (Autonomous) Naguruail, partial fulfillment of the requirements to the award of Degree of Master of Social work is a bonafide research work done by A. INFANT CAMBALMENT (Reg. No. 2021NPW332) under the guidance of Dr. E. KATHIA RAJ, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ fellowship to any University/ Institution.

M. S. ...
12/11/22
External Examiner

E. Kathia Raj
12/11/22
Faculty Guide
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Department of Social Work
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J. Mary Deeba
13/11/22
Head of the Department
(Mrs. J. Mary Deeba)

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A STUDY ON WOMEN AFFECTED WITH PCOD WITH DIMENSIONS OF HEALTH IN HOLY
CROSS COLLEGE , NAGERCOIL.

*Dissertation 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*

MASTER OF SOCIAL WORK

Submitted by

Ms. J. SELVA DISALINI

RPG. NO. 2021SPW225

UNDER THE GUIDANCE OF

Ms. J. MARY DEBBA

(HEAD, P.G. DEPARTMENT OF SOCIAL WORK)



**P.G DEPARTMENT OF SOCIAL WORK
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL - 629 001.

November - 2022

**A PSYCHOLOGICAL STUDY ON ONLINE GAME ADDICTION
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*Dissertation submitted to Holy Cross College (Autonomous), Nagercoil
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Fulfillment of the requirement for the award of the degree of*

MASTER OF SOCIAL WORK

Submitted by

Ms. S. Anithi

REG. NO. 2021SPW396

UNDER THE GUIDANCE OF

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**P.G DEPARTMENT OF SOCIAL WORK
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NAGERCOIL- 629004

NOVEMBER -2022

BONAFIDE CERTIFICATE

This is to certify that the research entitled "A PSYCHOLOGICAL STUDY ON ONLINE GAME ADDICTION AMONG ADULTS IN KOTTAR", submitted to Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirements in the award of Degree of Master of Social Work is a bonafide research work done by Ms. S. AARTHI (2021SPW396) under the guidance of Dr. E. SATHIA RAJ, and that no part of this research and submitted for the award of any other Degree/Diploma/Fellowship in my university/institution.

M. J. Mary Deeba
EXTERNAL EXAMINER

J. Mary Deeba
(Ms. J. Mary Deeba)
HEAD OF THE DEPARTMENT
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E. Sathia Raj
(DR. E. SATHIA RAJ)
FACULTY GUIDE

Department of Social Work
Holy Cross College (Autonomous)
Nagercoil

MUNAFIDE CERTIFICATE

I wish to certify that the research entitled "A STUDY ON WOMEN AFFECTED WITH FOOD WITH DIMENSION OF HEALTH IN HOLY CROSS COLLEGE, NAGERCOIL," submitted to Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirement to the award of Degree of Master of Social Work is a bonafide research work done by Ms. J. SELVA DISALINI (Reg. No. 202 MRW005) under the guidance of Ms. J. MARY DEEBO, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ Fellowship to any University/ Institution.

Ms. Selva Disalini
Student

J. Mary Deebo
Head of the Department &
Faculty Guide.

(Ms. J. Mary Deebo)

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Holy Cross College (Autonomous)
Nagercoil

BONAFIDE CERTIFICATE

This is to certify that the research entitled "A STUDY ON MENTAL HEALTH PROBLEM FACED BY COASTAL AREA PEOPLE DUE TO THEIR WAY OF LIVING CONDITIONS", submitted to Holy Cross College (Autonomous) Nagercoil, partial fulfillment of the requirement to the award of Degree of Master of Social work as a bonafide research work done by S. Dissy (Reg. No. 10215FW330) under the guidance of Dr. K. Kalitha Raj, and that no part of this research has been submitted for the award of any other Degree/ Diploma/ Fellowship to any University/ Institute.

M. S. Dissanayake
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