



Holy Cross College (Autonomous) Nagercoil – 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle
An ISO 9001:2015 Certified Institution

SSR
2019-2020
to
2023-2024

Project Report

DEPARTMENT OF MATHEMATICS

A STUDY ON VERTEX COLORING OF A GRAPH AND ITS APPLICATIONS

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

BACHELOR OF SCIENCE IN MATHEMATICS

By

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DEPARTMENT OF MATHEMATICS (AIDED)

HOLY CROSS COLLEGE (AUTONOMOUS)

(RE-ACCREDITED WITH A+ GRADE (CGPA 3.35))

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY)

NAGERCOIL – 629 004.

NOVEMBER 2020

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Place: Nagercoil

Date: 24.11.2020

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We hereby declare that this project work entitled "A STUDY ON VERTEX COLORING OF A GRAPH AND ITS APPLICATIONS" submitted by us for the Degree of Bachelor of Science in Mathematics is done under the guidance of Ms. A. Jancy Vini, Assistant Professor, Department of Mathematics (Aided), Holy Cross College (Autonomous), and it has not been submitted for the award of degree, diploma, associateship or fellowship of any other University or Institution.

Place: Nagercoil.

Date: 24. 11. 2020

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ACKNOWLEDGEMENT

First and foremost, we thank God Almighty for giving us the strength, knowledge, ability and opportunity to undertake this project and to persevere and complete it satisfactorily. Without his blessings, this project would not have been possible.

Next we thank our college Secretary **Dr. Sr. Gerardin Jayam**, Principal **Dr. Sr. S. Anne Perpet Sophy**, Controller of Examinations **Dr. J. Vinoliya Josephine Mary** and our Librarian **Dr. Sr. A. Mary Johnsy** for allowing us to utilize the facilities of the college for the project work and also for their well wishes.

Our sincere thanks to our project guide **Ms. A. Jancy Vini**, Assistant Professor of Mathematics, Holy Cross College (Autonomous), Nagercoil for the valuable suggestions, guidance and help rendered by her during the course of our work.

We are also thankful to the other faculty members of the Department of Mathematics (Aided) for their encouragement and help.

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PYTHAGOREAN TRIPLES

Project report submitted to Holy Cross College (Autonomous), Nagercoil
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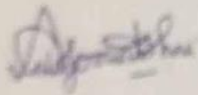
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We hereby declare that this project work entitled "PYTHAGOREAN TRIPLES" submitted by us for the Degree of Bachelor of Science in Mathematics is done under the guidance of Dr. V. M. Arul Flower Mary, Associate Professor & Head, Department of Mathematics (Aided), Holy Cross College (Autonomous) and it has not been submitted for the award of degree, diploma, associateship or fellowship of any other University or Institution.

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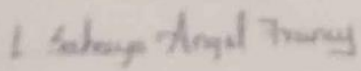
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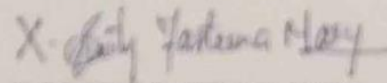
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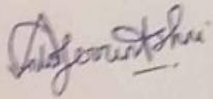
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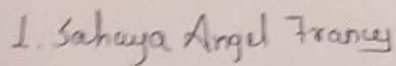
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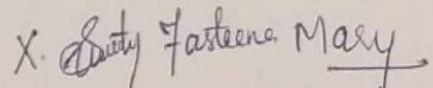
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NAAC V Cycle Self Study Report (SSR)

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A STUDY ON MARKOV CHAINS

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

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ACKNOWLEDGEMENT

First and foremost, we thank God Almighty for giving us the strength, knowledge, ability and opportunity to undertake this project and to persevere and complete it satisfactorily. Without His blessings, this project would not have been possible.

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NAAC V Cycle Self Study Report (SSR)

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DIFFERENTIATION AND ITS APPLICATIONS

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

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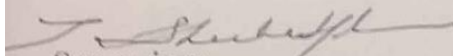
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ACKNOWLEDGEMENT

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Our sincere thanks to our project guide Ms. T. Sheeba Helen, Assistant Professor of Mathematics, Holy Cross College (Autonomous), Nagercoil for the valuable suggestions, guidance and help rendered by her during the course of our work.

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A STUDY ON VERTEX MAGIC TOTAL LABELING

Project report submitted to the UG & Research Department of Mathematics, Holy Cross College
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BACHELOR OF SCIENCE IN MATHEMATICS

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DEPARTMENT OF MATHEMATICS (S.F)

A STUDY ON DIFFERENCE CORDIAL LABELING

Project submitted to Holy Cross College (Autonomous), Nagercoil in partial
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NOVEMBER 2020

CERTIFICATE

This is to certify that the project entitled “ A STUDY ON DIFFERENCE CORDIAL LABELING ” submitted by the Candidates ASHIKA.T.K (2018058), RENISHA.V (2018077), SINTHIYA.S (2018086), SIVAKAMI.M (2018087) and TINUESHA.S.S (2018089) to The HolyCross College(Autonomous) affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the independent project work done by them under our guidance.

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

Mrs.G.Arockia Amala Sherly,M.Sc.,B.Ed.,M.Phil.,

Place : Nagercoil

Date: 23-11-2020.

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

J. Anne Mary Leema
R.N. Rajalekshmi
External Examiner
Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

for
J. Anne Mary Leema
Supervisor

STUDY ON SOFT GROUPS

Dissertation submitted to

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

*Affiliated to Manonmaniam Sundaranar University in partial
fulfillment of the requirements for the award of the degree of*

Bachelor of Science in Mathematics

Submitted by

Sr.M.ANNIE PRIYA (Reg.No:2018055)

J.CROSS KITHERI ASHMI (Reg.No:2018062)

J.MARY JEBA(Reg.No:2018070)

A.SAHAYA RESHMI (Reg.No:2018080)

A.SELVAM (Reg.No:2018084)

Under the guidance of

Dr. C. JENILA, M.Sc., B.Ed., M.Phil.,Ph.D.



DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE(AUTONOMOUS)

NAGERCOIL - 629004

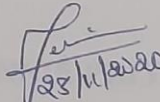
NOVEMBER - 2020

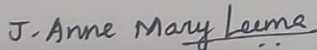
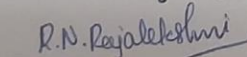
CERTIFICATE

This is to certify that the dissertation entitled “STUDY ON SOFT GROUPS” submitted by the candidates Sr.M.ANNIE PRIYA (Reg.No:2018055), J.CROSS KITHERI ASHMI (Reg.No:2018062), J.MARY JEBA(Reg.No:2018070), A.SAHAYA RESHMI (Reg.No:2018080), and A.SELVAM (Reg.No:2018084) to the Holy Cross College(Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the project work done by them under my guidance.

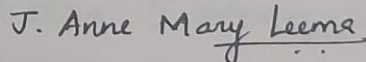
Also certified that this dissertation has not previously formed the basis for the award of any degree, diploma or any other similar title from the same university or any other institution.

Place:Nagercoil
Date: 23-11-2020


Dr. C. JENILA, M.Sc., B.Ed., M.Phil., Ph.D.
(Guide and Supervisor)



External Examiner

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


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

A STUDY ON MATHEMATICAL LOGIC

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

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

A. Christal Novina (Reg No. 2018061)

A. Jenish Fathima (Reg No. 2018067)

P. Phajis Mol (Reg No. 2018073)

N. Praveena (Reg No. 2018074)

S.Yasira Rihana (Reg No.2018091)

Under the guidance of

Mrs. Anne Mary Leema , M.Sc.,B.Ed

Assistant Professor & Head



DEPARTMENT OF MATHEMATICS (SF)

HOLY CROSS COLLEGE (AUTONOMOUS)

RE-ACCREDITED WITH A+ GRADE(CGPA 3.35) IV Cycle

(AFFILIATED TO MANONMANIAN SUNDRANAR UNIVERSITY)

NAGERCOIL-629 004

NOVEMBER 2020

CERTIFICATE

This is to certify that the dissertation entitled "A Study on Mathematical Logic" submitted by the candidates A. Christal Novina (Reg No. 2018061), A. Jenish Fathima (Reg No. 2018067), P. Phajis Mol (Reg No. 2018073), N. Praveena (Reg No. 2018074) and S.Yasira Rihana (Reg No.2018091) to the Holy Cross College (Autonomous) affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the independent project work done by them under our guidance.

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

Mrs. Anne Mary Leema , M.Sc.,B.Ed

J. Anne Mary Leema

Place: Nagercoil

Date: 23-11-2020

P.N. Rajalekshmi
External Examiner
Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

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

J. Anne Mary Leema
Supervisor

SUPER ROOT SQUARE MEAN LABELING OF GRAPHS

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

Bachelor of Science in Mathematics

Submitted by

AARIM.C.ASHNI	(Reg. No.:2018048)
R.S. AKSHAYA	(Reg. No.:2018053)
E. ANTO JEONY	(Reg. No.:2018056)
C.K. ASWITHA	(Reg. No.:2018059)
J. SELVA DISALINI	(Reg. No.:2018083)
M. SHAJINI HALOS	(Reg. No.:2018085)

Under the guidance of

Mrs. V.PRINCY KALA, M.Sc., M.Phil., SET



DEPARTMENT OF MATHEMATICS
HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629004

NOVEMBER - 2020

CERTIFICATE

This is to certify that the dissertation entitled "SUPER ROOT SQUARE MEAN LABELING OF GRAPHS" submitted by the candidate AARIM.C.ASHNI (Reg. No.:2018048), R.S.AKSHAYA(Reg. No.:2018053), E. ANTO JEONY (Reg. No.:2018056), C.K.ASWITHA (Reg. No.:2018059), J.SELVA DISALINI(Reg. No.:2018083), M.SHAJINI HALOS (Reg. No.:2018085) to Holy Cross College (Autonomous) affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafied record of the project work done by them under our guidance.

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

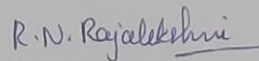

Mrs. V.PRINCY KALA

(Guide and Supervisor)

Place: Nagercoil

Date: 23 - 11 - 2020





External Examiner

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



Head of the Department

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

POLYNOMIAL RINGS

Dissertation submitted to

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

Affiliated to Manonmaniam Sundaranar University in partial fulfillment of the requirements for the award of the degree of

Bachelor of Science in Mathematics

Submitted by

A.V.Ajinsha (Reg.No:2018052)

M. Elizabeth Bojaxia (Reg.No:2018063)

M.Narkees Ibthihaj Fatima Sana(Reg.No:2018072)

G.Sabisha Jerlin Mary (Reg.No:2018078)

S.Sreeneesha (Reg.No:2018088)

Under the guidance of

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



DEPARTMENT OF MATHEMATICS

HOLY CROSS COLLEGE(AUTONOMOUS)

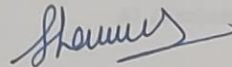
NAGERCOIL - 629004

NOVEMBER - 2020

CERTIFICATE

This to certify that the dissertation entitles "POLYNOMIAL RINGS" submitted by the candidate A.V.Ajinsha (Reg. No. 2018052); M.Elizabeth Bojaxia (Reg.no.2018063); M.Narkees Ibthihaj Fatima Sana (Reg.no.2018072); G.Sabisha Jerlin Mary(Reg.no.2018078); S.Sreeneesha(Reg.no.2018088) to the Holy Cross College (Autonomous) Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the project work done by them Under our guidance.

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

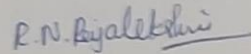
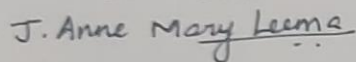


Dr.S.KAVITHA, M.Sc.,M.Phil.,Ph.D.,SET


(Guide and Supervisor)

Place: Nagercoil

Date: 23-11-2020



External Examiner



Head of the Department

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

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

A STUDY ON SUM DIVISOR CORDIAL LABELING

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

Bachelor of Science in Mathematics

Submitted by

L.Abinisha	(Reg no: 2018049)
J.Cecily	(Reg no :2018060)
S.Lekshmi kayathri	(Reg no: 2018069)
B.Nabila Rahuma	(Reg no: 2018071)
J.R.Sahaya darni	(Reg no: 2018079)
G. Selsiya	(Reg no: 2018082)

Under the guidance of

Mrs.R.N.Rajalekshmi,M.Sc.,B.Ed.,M.phil.,



DEPARTMENT OF MATHEMATICES

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL -629004

NOVEMBER -2020

CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON SUM DIVISOR CORDIAL LABELING" submitted by the candidates L.Abinisha (Reg.No:2018049), J.Cecily (Reg.No:2018060), S.Lekshmi Kayathri (Reg.No:2018069), B.Nabila Rahuma (Reg.No:2018071), J.R.Sahaya darni (Reg.No: 2018079) and G. Selsiya (Reg.No: 2018082) to the Holy Cross College(Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli for the award of B.Sc. Degree in Mathematics is a bonafide record of the project work done by them under my guidance.

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

Place: Nagercoil

Date: 23/11/2020

J. Anne Mary Leema

R.N. Rajalekshmi

External Examiner

Department of Mathematics (S.F.)

Holy Cross College (Autonomous)

Nagercoil - 629 004.

R.N. Rajalekshmi

Mrs. R.N. Rajalekshmi, M.Sc., B.Ed., M.Phil.,

(Guide and Supervisor)

J. Anne Mary Leema

Head of the Department

Department of Mathematics (S.F.)

Department of Mathematics (S.F.)

Holy Cross College (Autonomous)

Nagercoil - 629 004.

DEPARTMENT OF PHYSICS

**SPECIFIC HEAT CAPACITY OF DETERMINATION
FOR DIFFERENT LIQUIDS**

*Skill Based Course- Project Report submitted for the
Fulfillment of the requirements for the award of the
Degree of Bachelor of Science in Physics of
Holy Cross College (Autonomous)*

*Affiliated to
Manonmaniam Sundaranar University*

<i>Submitted by</i>	
ABISHA.R	2018094
BEAULIN SHOJA.S	2018104
PRAMILIN JEBISHA.P.J	2018122
SRI SIVASAKTHI.G.	2018131

Guided by
Ms .M .Abila Jeba Queen M.Sc., M.Phil., SET.



DEPARTMENT OF PHYSICS
Holy Cross College (Autonomous)
Nagercoil-629 004



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

CERTIFICATE

This is to certify that this project work entitle
“SPECIFIC HEAT CAPACITY OF DETERMINATION FOR DIFFERENT
LIQUIDS” is the bonafied work done by

ABISHA.R	2018094
BEAULIN SHOJA.S.	2018104
PRAMILIN JEBISHA.P.J	2018122
SRI SIVASAKTHI.G	2018131

in partial fulfillment for the award of Bachelor of Science in Physics
of Holy Cross College (Autonomous) affiliated to Manonmanium Sundaranar
University during the academic year 2019-2020.

DEPARTMENT OF CHEMISTRY

**VARIATION IN THE CONCENTRATION OF MAJOR IONS IN
BRINE DURING SALT PRODUCTION PROCESS AND SALT
QUALITY IN THE SALTPANS OF RAMANADU AND
KANYAKUMARI DISTRICT**

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

BACHELOR OF SCIENCE IN CHEMISTRY

By

Name of the student	Register Number
A. Aarthi	2018137
C. Abarna Josephin	2018138
T. Ajinsha	2018139
G. Akshaya	2018140
M. Anie Jenifer	2018142
A. Antony Edsha	2017143

*Under the Guidance of
Dr. G. Leema Rose*



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

[Re-Accredited With A* Grade (CGPA 3.35)]
NAGERCOIL – 629 004

MARCH - 2021

Dr. G. Leema Rose,
Associate Professor and Head
PG & Research Department of Chemistry,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

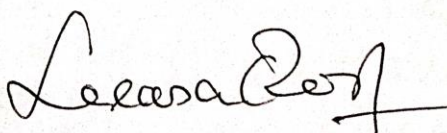
CERTIFICATE

This is to certify that this project work entitled “VARIATION IN THE CONCENTRATION OF MAJOR IONS IN BRINE DURING SALT PRODUCTION PROCESS AND SALT QUALITY IN THE SALTPANS OF RAMANADU AND KANYAKUMARI DISTRICT” submitted by A. Aarthi, C. Abarna Josephin, T. Ajinsha, G. Akshaya, M. Anie Jenifer, A. Antony Edsha of III. B.Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil
Date: 28.12.2020

Supervisor


Examiner


Head of the Department

**COMPARATIVE STUDY OF ANTI BACTERIAL
ACTIVITIES OF Cu (II), Zn (II) and Fe (II) METAL
COMPLEXES**

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

BACHELOR OF SCIENCE IN CHEMISTRY

By

Asha Priya Dharshini M	2018149
Anu S Raj	2018145
Anusiya G	2018146
Anu Godlin S J	2018144
Ashmitha Mol V	2018150
Anustiya A	2018147
Astlein Geo	2018151



**DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL – 629004
MARCH – 2021**

Dr. M. ANITHA MALBI

Assistant Professor,

Department of Chemistry,

Holy Cross College (Autonomous),

Nagercoil- 629 004.

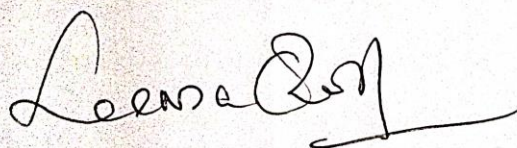
CERTIFICATE

This is to certify that this project work entitled “**COMPARATIVE STUDY OF ANTI BACTERIAL ACTIVITIES OF Cu (II), Zn (II) and Fe (II) METAL COMPLEXES**” submitted by Asha Priya Dharshini M, Anu S Raj, Anusiya G, Anu Godlin S J, Ashmitha Mol V, Anustiya A, Astlein Geo of III. B.Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of **Bachelor of Science in Chemistry** is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

Date:


External Examiner



Head of the Department

Supervisor

COMPARATIVE STUDY OF SEASONAL VARIATION IN COIR RETTING AREAS

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

By

Name of the student	Register Number
G. Beemils	2018152
S.P. Bejancy	2018153
S.L. Bersha Shamlin	2018154
D. Desiba	2018155
A. N. Dharshini	2018156
S. Dinoshia	2018157
J. Femima Therese	2018158

Under the Guidance of

Dr. R. Gladis Latha



**PG & RESEARCH DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)**
[RE-ACCREDITED WITH A* GRADE (CGPA 3.35)]
NAGERCOIL – 629 004
MARCH-2021

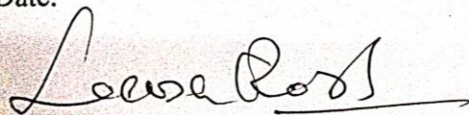
Dr.R.Gladis Latha,
Assistant Professor,
PG & Research Department of Chemistry,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

This is to certify that this project work entitled “**COMPARATIVE STUDY OF SEASONAL VARIATION IN COIR RETTING AREAS**” submitted by G. Beemils, S. P. Bejancy, S. L. Bersha Shamlin, D. Desiba, A. N. Dharshini, S. Dinosh, J.Femima Therese of III. B.Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

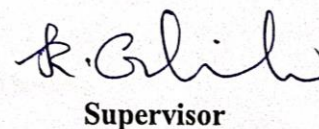
Date:



Head of the Department



Examiner



Supervisor

ESTIMATION OF ASCORBIC ACID IN SELECT FRUITS AND VEGETABLES

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

BACHELOR OF SCIENCE IN CHEMISTRY

By

Name of the student	Register Number
George Anitha.T	2018159
Goldin Sneha.S	2018160
Gowsalya.A.M	2018161
JacreetShamina.V.S	2018162
Jenisha Bai .J	2018163
Jersha.I	2018164
Marrium Shibu	2018165

*Under the Guidance of
Sr. Francy*



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

[Re-Accredited With A* Grade (CGPA 3.35)]

NAGERCOIL – 629 004

MARCH - 2021


Sr. Francy,
Assistant Professor,
PG & Research Department of Chemistry,
Holy Cross College (Autonomous),
Nagercoil- 629 004.

CERTIFICATE

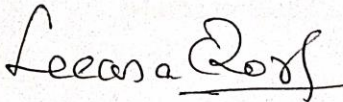
This project work entitled “Estimation of Ascorbic acid in select fruits and vegetables” submitted by **George Anitha. T, Goldin Sneha.S, Gowsalya. A.M, Jacreet Shamina. V.S, Jenisha Bai. J, Jersha. I, Marrium Shibu** of III. B.Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfilment of the requirement for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

Date: 23-03-2021


Supervisor


Examiner


Head of the Department

**STUDY ON THE BIOLOGICAL ACTIVITY OF BIOGENIC SILVER
NANOPARTICLES SYNTHESISED FROM SELECTED PLANT
EXTRACTS BY GREEN SYNTHESIS METHOD**

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

BACHELOR OF SCIENCE IN CHEMISTRY

By

Name of the student	Register Number
R.Mary Riniksha	2018166
S.Mickilda Eskalin	2018167
D. Misogini Girinisha	2018168
S.Nishanthini	2018169
R.V.Nithya Shri	2018170
L.Rethinam	2018171
R.Sahaya Mary Shajini	2018172

Under the Guidance of

Dr.S.Ajith Sinthuja



PG & RESEARCH DEPARTMENT OF CHEMISTRY

HOLY CROSS COLLEGE (AUTONOMOUS)

[RE-ACCREDITED WITH A+ GRADE (CGPA 3.35)]

NAGERCOIL – 4

MARCH-2021

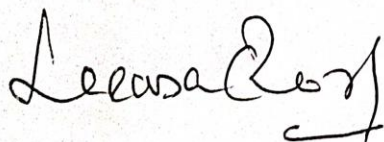
Dr.S.Ajith Sinthuja,
Assistant Professor,
PG & Research Department of Chemistry,
Holy Cross College (Autonomous),
Nagercoil- 629 004.

CERTIFICATE


This is to certify that this project work entitled “**STUDY ON THE BIOLOGICAL ACTIVITY OF BIOGENIC SILVER NANOPARTICLES SYNTHESISED FROM SELECTED PLANT EXTRACTS BY GREEN SYNTHESIS METHOD**” submitted by R.Mary Riniksha, S.Mickilda Eskalin, D. Misogini Girinisha, S.Nishanthini, R.V.Nithya Shri, L.Rethinam and R.Sahaya Mary Shajini of III. B.Sc. Chemistry, Holy Cross College (Autonomous) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of the work done by them under my supervision and guidance.

Place: Nagercoil

Date:



Head of the Department



Examiner

Supervisor

DEPARTMENT BOTANY

HERBAL FACE CARE PRODUCTS

Project report submitted to the

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
affiliated to Manonmaniam Sundaranar University, Tirunelveli
in partial fulfillment of the requirements for the award of the degree of
BACHELOR OF BOTANY

Submitted by

Gowsalya K	2018195
Adlin Melba A	2018182
Santhiya M	2018214
Linya K	2018202
Davin Abisha D	2018191
Sangeetha R	2017206

Under the Guidance of
Dr. A. R. Florence, Ph.D.,
Assistant Professor, Department of Botany,
Holy Cross College (Autonomous)



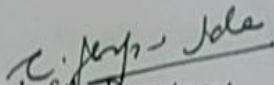
DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
APRIL -2021

CERTIFICATE

This is to certify that the project work entitled “Herbal Face Care products” is the bona fide record of the group project work done by Gowsalya K, Adlin Melba A, Santhiya M, Linya K, Davin Abisha D, Sangeetha under my supervision and guidance during the academic year 2020-2021. I further certify that this project is true and original work of the candidates submitted in partial fulfilment of the requirement for the Degree of Bachelor of Botany and has not been previously done by any other candidate for the award of any degree or diploma.

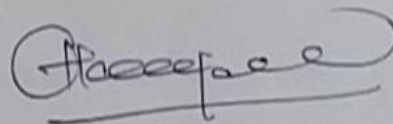
Place: Nagercoil
Date : 12.4.2021
Ph.D.,]

Signature of the Guide,
[Dr. A.R. Florence,


Head of the Department

Dr. C. JESPIN IDA, M.Sc., Ph.D.,
Associate Professor and Head,
Department of Botany,
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Nagercoil - 629 004.

External Examiners

1. 
12/4/2021

2. N. Banit Madhug.
12.4.21

DECLARATION

We Gowsalya K, Adlin Melba A, Santhiya M, Linya K, Davin Abisha D, Sangeetha R hereby declare that the project work entitled "**Herbal Face Care products**" is a record of original work done by us under the guidance and supervision of **Dr. A.R. Florence, Ph.D., Assistant Professor, Department of Botany**, submitted to the Holy Cross College (Autonomous), Nagercoil. This report has not been submitted elsewhere for any degree or diploma.

NAME	REG.NO	SIGNATURE
Gowsalya K	2018195	
Adlin Melba A	2018182	
Santhiya M	2018214	
Linya K	2018202	
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Sangeetha R	2017206	

Dr. A. R. Florence, Ph.D.,
Assistant Professor,
Department of Botany,
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DEPARTMENT OF ZOOLOGY

**EVALUATION OF ANTIMICROBIAL ACTIVITY OF DIFFERENT
SOLVENT EXTRACTS OF *PENNISETUM PEDICELLATUM***

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

**BACHELOR OF SCIENCE
IN
ZOOLOGY**

Submitted By

NAME	REGISTER NUMBER
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Arockia Shami, J.	2018228
Cathrin Nishiba, S.	2018233
Harishma, N.	2018238
Pavithra, S.K.	2018698
Swathy, S.	2018251



DEPARTMENT OF ZOOLOGY

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCIOL-629004

April - 2021

BONAFIDE CERTIFICATE

This is to certify that the project report entitled "Evaluation of antimicrobial activity of solvent extracts of *Pennisetum pedicellatum*" submitted by Abirami, R. (Reg. No: 2018222), Arockia Shami, J. (Reg. No: 2018228), Cathrin Nishiba, S. (Reg. No: 2018233), Harishma, N. (Reg. No: 2018238), Pavithra, S.K. (Reg. No: 2018698) and Swathy, S. (Reg. No: 2018251) to Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli towards the partial fulfilment of the requirements for the degree of **Bachelor of Science in Zoology**, is a bonafide record of the work carried out by them under the guidance and supervision of **Dr. P.T. Arokya Glory**, Asst. Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil.

P.T. Arokya Glory
Supervisor

S. Mary Metilda Bai
Head of the Department
Dr. S. MARY METILDA BAI
Head, Department of Zoology
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Nagercoil - 629 004

Submitted for Viva Voce Examination held on 15.04.2021

A. S. S. S. S.
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Dr. P.T. Arokya Glory, M.Sc., M. Phil., B.Ed., Ph.D.

Assistant Professor,

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Nagercoil - 629 004

CERTIFICATE

This is to certify that the project report entitled “**Evaluation of antimicrobial activity of solvent extracts of *Pennisetum pedicellatum***” is a bonafide record of work done by Abirami, R. (Reg. No: 2018222), Arockia Shami, J. (Reg. No: 2018228), Cathrin Nishiba, S. (Reg. No: 2018233), Harishma, N. (Reg. No: 2018238), Pavithra, S.K. (Reg. No: 2018698) and Swathy, S. (Reg. No: 2018251) under my supervision during their tenure towards partial fulfilment of the requirement for the degree of **Bachelor of Science in Zoology** at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli. This project report or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil

Date: 15.04.2021

P.T. Arokya Glory -
(Dr. P.T. Arokya Glory)

Supervisor

**COMPARATIVE ANALYSIS OF CIRCULATORY
COMPONENTS OF DIFFERENT CHORDATE PHYLA**

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

**BACHELOR OF SCIENCE
IN
ZOOLOGY**

Submitted by

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ASHIGA, G (Reg. No.:180185)

DIMCY MERLIN DICTION, D (Reg. No.:180193)

IRUDHAYA SELSIYA, S (Reg. No.:180198)

PRIYA, B.K (Reg. No.:180209)

VASANTHI, R (Reg. No.:180215)



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


NAGERCOIL - 629 004

APRIL 2021

BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled “Comparative Analysis Of Circulatory Components Of Different Chordate Phyla” submitted by Abitha, I (Reg. No.:180180), Ashiga, G (Reg. No.:180185), Dimcy Merlin Diction, D (Reg. No.:180193), Irudhaya Selsiya, S (Reg. No.:180198), Priya, B.K (Reg. No.:180209) and Vasanthi, R (Reg. No.:180215) of Holy Cross College (Autonomous), affiliated to Manonmaniam Sundaranar University, Tirunelveli, in partial fulfilment of the requirement for the award of the Degree of Bachelor Of Science in Zoology is a bona fide record of the work carried out by them under the guidance of Dr. C. JOSEPHINE PRIYATHARSHINI, M.Sc., B.Ed., Ph.D., Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil, during the academic year 2019-2021.


SUPERVISORHEAD OF THE DEPARTMENT


Dr. S. MARY METTILDA BAI
Head, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil - 629 004

Submitted for the viva-voce examination held on ..15..04..2021..


EXTERNAL EXAMINER

Dr. C. JOSEPHINE PRIYATHARSHINI, M.Sc., B.Ed., Ph.D.,

Assistant Professor,

Department of Zoology,

Holy Cross College (Autonomous),

Nagercoil – 629 004.

CERTIFICATE

This is to certify that the dissertation “**Comparative Analysis Of Circulatory Components Of Different Chordate Phyla**” submitted to Manonmaniam Sundaranar University, in partial fulfilment of the requirement for the award of the Degree of Bachelor Of Science in Zoology is a bonafide work of **Abitha, I (Reg. No.:180180)**, **Ashiga, G (Reg. No.:180185)**, **Dimcy Merlin Diction, D (Reg. No.:180193)**, **Irudhaya Selsiya, S (Reg. No.:180198)**, **Priya, B.K (Reg. No.:180209)** and **Vasanthi, R (Reg. No.:180215)** done during the academic year 2019-2021 under our guidance and supervision. This dissertation or any part of this has not been submitted elsewhere for any other degree.

Place: Nagercoil.

Date: 15.04.2021



SIGNATURE OF THE GUIDE

**BIODIVERSITY OF SIRUMALAR POND,
KANDANVILAI, KANYAKUMARI DISTRICT**

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

**BACHELOR OF SCIENCE
IN
ZOOLOGY**

Submitted By

J.A. BABISHA - 2018231
SHERIN. A - 2018248
K. ENBASELVAM - 2018236
ANISHA. V.M - 2018226
P. MARIA JELCY - 2018243




**DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
APRIL-2021**

BONAFIDE CERTIFICATE

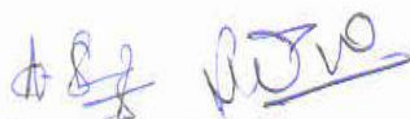
This is to certify that the project entitled “BIODIVERSITY OF SIRUMALAR POND, KANDANVILAI, KANYAKUMARI DISTRICT” is a bonafide record of work done by Ms. J.A. Babisha, Ms. Sherin. A, Ms. K. Enbaselvam, Ms. Anisha. V.M and Ms. P. Maria Jelcy under the guidance and supervision of Dr. Jeni Chandar Padua, during their tenure towards the partial fulfillment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.



Supervisor


Head of the Department
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External Examiner

Dr. Jeni Chandar Padua, M.Sc., MA, B.Ed, M.Phil., Ph.D,

Asst. Professor,

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Holy Cross College (Autonomous)

Nagercoil-4

CERTIFICATE

This is to certify that the project entitled “BIODIVERSITY OF SIRUMALAR POND, KANDANVILAI, KANYAKUMARI DISTRICT” is a bonafide record of work done by Ms. J.A. Babisha, Ms. Sherin. A, Ms. K. Enbaselvam, Ms. Anisha. V.M and Ms. P. Maria Jelcy under my supervision during their tenure towards the partial fulfillment of their requirement for the degree of Bachelor of Science in Zoology at Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University, Tirunelveli.

Place: Nagercoil

Date: 15.4.2021



Dr. Jeni Chandar Padua

Supervisor

**A STUDY ON LANDING FISHES IN THE SELECTED COASTAL
AREA OF KANNIYAKUMARI DISTRICT**

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

BACHELOR OF SCIENCE

IN

ZOOLOGY

By

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GEOSHNI G S (Reg. No.: 2018237)

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SUSHMA E (Reg. No.: 2018250)



DEPARTMENT OF ZOOLOGY

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCIOL – 629 004

April - 2021

BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled “**A study on landing fishes in the selected coastal area of Kanniyakumari district**” submitted by **Ansalin Samitha T (Reg. No.: 2018227), Bindhu Dafini B (Reg. No.: 2018232), Geoshni G S (Reg. No.: 2018237), Mary Shimoni Berous S (Reg. No.: 2018245) and Sushma E (Reg. No.: 2018250)**, towards the partial fulfilment of the requirements for the degree of Bachelor of Science in Zoology, is a bonafide record of the research work carried out by them during the academic year 2020-2021 under the guidance and supervision of **Dr. C. Anitha**, Assistant Professor, Department of Zoology, Holy Cross College (Autonomous), Nagercoil and that this project has not been previously formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar title.

S. Mary Metilda Bai
Head of the Department of Zoology
Dr. S. MARY METTILDA BAI
Head, Department of Zoology
Holy Cross College (Autonomous)
Nagercoil - 629 004

Supervisor

Anitha
Dr. C. Anitha

Submitted for Viva Voce Examination held on *15.04.2021*

[Signature]
External Examiner

DEPARTMENT OF COMPUTER SCIENCE

SANTHIYA TEXTILES READYMADES

Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF COMPUTER SCIENCE

Of Manonmaniam Sundaranar University, Tirunelveli

Submitted by

Prasanya. D (181080)

Prishla. S(181081)

Rakshini. C (181082)

Under the Guidance of

Sr. Jothi Antony, MCA, M.Phil, (HOD)



DEPARTMENT OF COMPUTER SCIENCE

HOLY CROSS COLLEGE (Autonomous)

NAGERCOIL - 629 004.

November - 2020

DEPARTMENT OF ENGLISH

**Communal and Ethnic agony: A study on
Khaled Hosseini's *The Kite Runner*
PROJECT REPORT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF
Bachelor of Arts**

By

Name	Register No.
A.U.Aarthi	2018368
A.K.Abiah	2018369
T.Abisha	2018370
S.Abisilin Sumabe	2018371
M.Adlin Jeni	2018372

Under the guidance of

Dr.Selva Mary Gokila S.George,

M.A., M.Phil., Ph.D., CTE., M.A (JMC)., M.Sc. (Psy)



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

External Examiner



Dr.Selva Mary Gokila S.George
PG & Research Department English,
Holy Cross College (Autonomous)
Nagercoil-629004

CERTIFICATE

This is to certify that the project report Communal and Ethnic agony: A study on Khaled Hosseini's *The Kite Runner* submitted by A.U.Aarthi, A.K.Abiah, T.Abisha, S.AbisilinSumube, M.Adlin Jeni is a bonafide project work done during 2020-2021 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2020

Head of the Department
(Dr. Alby Grace)

Guide
(Dr. Selva Mary Gokila S.George)



DECLARATION

We hereby declare that this project report entitled *Communal and Ethnic agony: A study on Khaled Hosseini's The Kite Runner* is a bonafide record of work done by us under the guidance of, Dr.Selva Mary Gokila S.George, 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
A.U.Aarthi	2018368
A.K.Abiah	2018369
T.Abisha	2018370
S.Abisilin Surube	2018371
M.Adlin Jeni	2018372

Place : Nagercoil

Date : November 2020



Acknowledgement

Words are inadequate to express our feelings and acknowledge everyone who made this work a successful one.

We thank God the Almighty, who showered His blessings on us, giving us Courage, concentration and determination to complete this project successfully.

Our hearts overflow in gratitude, thanking Dr. Selva Mary Gokila S. George, our guide, for her valuable guidance and untiring support. She constantly supervised this project and made it a successful one. She gave us confidence, Encouragement and immutable support for the completion of the project.

We also thank our Head of the Department, Dr. Alby Grace and all the other Faculty members of our Department for their share in directing us towards us

Goal.

We owe our immense gratitude to our Principal Dr. Sr. Anne Perpet Sophy for her encouragement and support.

We are bound to express our thankfulness to our Librarian Dr. Sr. A. Mary Johnsy for helping us with the relevant reference books.

We also extend our sincere gratitude towards our family and friends for their help patience, love, encouragement and support.



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Draupadi's Saga:

A Study of Chitra Banerjee Divakaruni's *The Palace of Illusions*

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

Bachelor of Arts

by

Name	Reg. No
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Ancy Femina Rose. A	2018375
Ancy Fridolin Nihila. N	2018376
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Under the guidance of

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



PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL

NOVEMBER 2020

External Examiner



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

Department of English,

Holy Cross College (Autonomous),

Nagercoil – 629004

CERTIFICATE

This is to certify that the dissertation entitled "Draupadi's Saga: A Study of Chitra Banerjee Divakaruni's *The Palace of Illusions*" submitted by Alhina. S, Allen Shweta. A.R, Ancy Femina Rose. A, Ancy Fridolin Nihila. N, Ishwarya. I.S of III B.A. English Literature is a bonafide research work done during 2020-2021 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma, Associateship, Fellowship or any other similar title.

Place: Nagercoil

Date: November 2020

Head of the Department

(Dr. Alby Grace)

Guide

(Ms. K. B. Steffi)



DECLARATION

We hereby declare that this project report entitled "*Draupadi's Saga: A Study of Chitra Banerjee Divakaruni's The Palace of Illusions*" is a bonafide record of work done by us under the guidance of Ms. K. B. Steffi, Assistant Professor of English, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed basis for any award of Degree, Diploma or any other title.

Name	Reg. No
Albina. S	2018373
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Ancy Femina Rose. A	2018375
Ancy Fridolin Nihila. N	2018376
Isiwarya. I.S	2018399

Place : Nagercoil

Date : November 2020



NAAC V Cycle Self Study Report (SSR)

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A Bird's Eye View of Inequity in Harper Lee's *To Kill a Mockingbird*

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

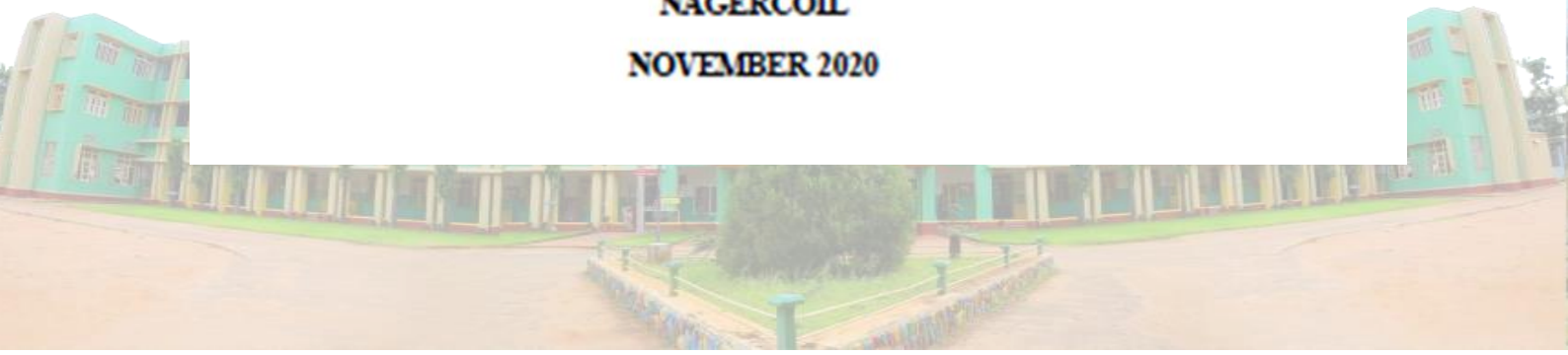
by

Name	Reg. No
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Anto Selva Shenih. S	2018379
Antoinette Mourine. J	2018380
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HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2020



Ms. A. R. Jemi, M.A., M.Phil., NET.
PG & Research Department of English,
Holy Cross College (Autonomous),
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CERTIFICATE

This is to certify that the project report “A Bird’s Eye View of Inequity in Harper Lee’s *To Kill a Mockingbird*” submitted by Anisha P, Anju George, Anto Selva Shenih S, Antoinette Mourine J, Anriya Bertilla M is a bonafide project work done during 2020-2021 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2020

Head of the Department

(Dr. Alby Grace)

Guide

(Ms. A. R. Jemi)



DECLARATION

We hereby declare that this project report entitled “A Bird’s Eye View of Inequity in Harper Lee’s *To Kill a Mockingbird*” is a bonafide record of work done by us under the guidance of Ms. A. R. Jemi, 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
Anisha. P	2018377
Anju George	2018378
Anto Selva Shenih. S	2018379
Antoinette Mowine. J	2018380
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Place : Nagercoil

Date : November 2020



Depiction of the plight of Afghanistanis in Khaled Hosseini's novel

A Thousand Splendid Suns

PROJECT REPORT SUBMITTED TO

HOLY CROSS COLLEGE (AUTONOMOUS)

IN PARTIAL FULFILLMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

Bachelor of Arts

By

Name	Reg. No
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Ariya .K.H	2018383
Bebisha. J.B	2018384
Besma Joy. S	2018385
Binosha. S	2018386

Under the guidance of
Ms. A. JINI MOL, M.Phil, SET.



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

NOVEMBER 2020

Ms. A. Jini Mol, M.PHIL., SET.
Assistant Professor of English,
Holy Cross College (Autonomous),
Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report “Depiction of the plight of Afghanistans in Khaled Hosseini’s novel *A Thousand Splendid Suns*” submitted by Anumol.F, Ariya.K.H, Bebisha J.B, BesmaJoy.S, Binosha.S is a bonafide project work done during 2020 – 2021 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place::Nagercoil
Date:November 2020

Head of the Department
(Dr. Alby Grace)

Guide
(Ms. A. Jini Mol)



DECLARATION

We hereby declare that this project report entitled “Depiction of the plight of Afghanistanis in Khaled Hosseini’s novel *A Thousand Splendid Suns*” is a bonafide record of work done by us under the guidance of Ms.A.JiniMol, 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
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Bebisha. J.B.	2018384
Besma Joy. S.	2018385
Binosha. S.	2018386

Place : Nagercoil

Date : November 2020



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Socialism and Communal Violence:

A study of David Davidar's The Solitude of Emperors

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

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Fiona Joshi, A	2018390
Fratha, F. T	2018391
Gayathri, K	2018392

Under the guidance of

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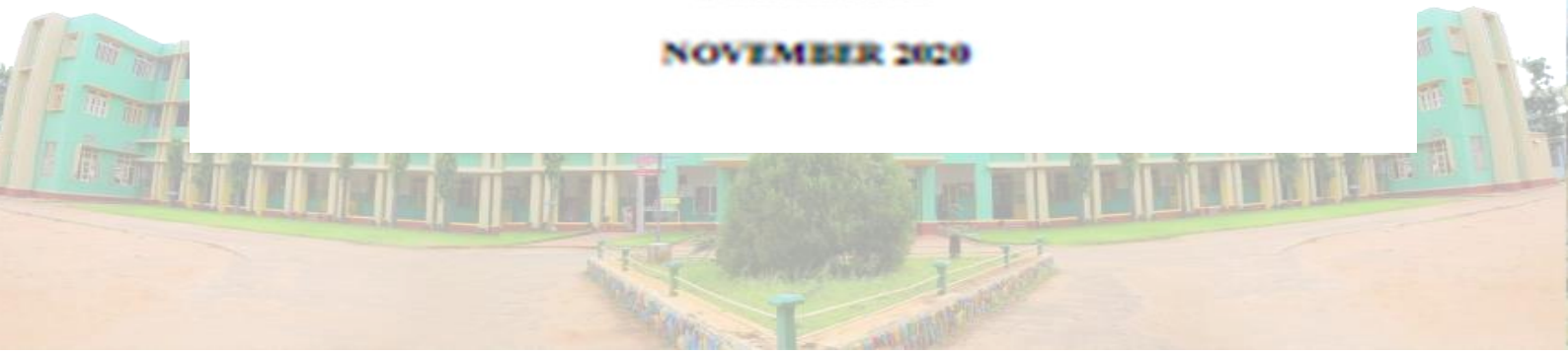


PG & RESEARCH DEPARTMENT OF ENGLISH

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL

NOVEMBER 2020



Secularism and Communal Violence:

A study of David Davidar's The Solitude of Emperors

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

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Gayathri. K	2018392

Under the guidance of

Dr.Selva Mary Gokila S.George



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

NAGERCOIL

NOVEMBER 2020



External Examiner

Dr. Selva Mary Gokila S. George Nirosh

PG & Research Department English,

Holy Cross College (Autonomous)

Nagercoil-629004

CERTIFICATE

This is to certify that the project report "Secularism and Communal Violence: A Study of David Devidar's *The Solitude Of The Esperanza*" submitted by Deepa Dasumatory, Runeshiya E, Piona Joshi A, Pratha F.T, Gayathri K. is a bonafide project work done during 2020-2021 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

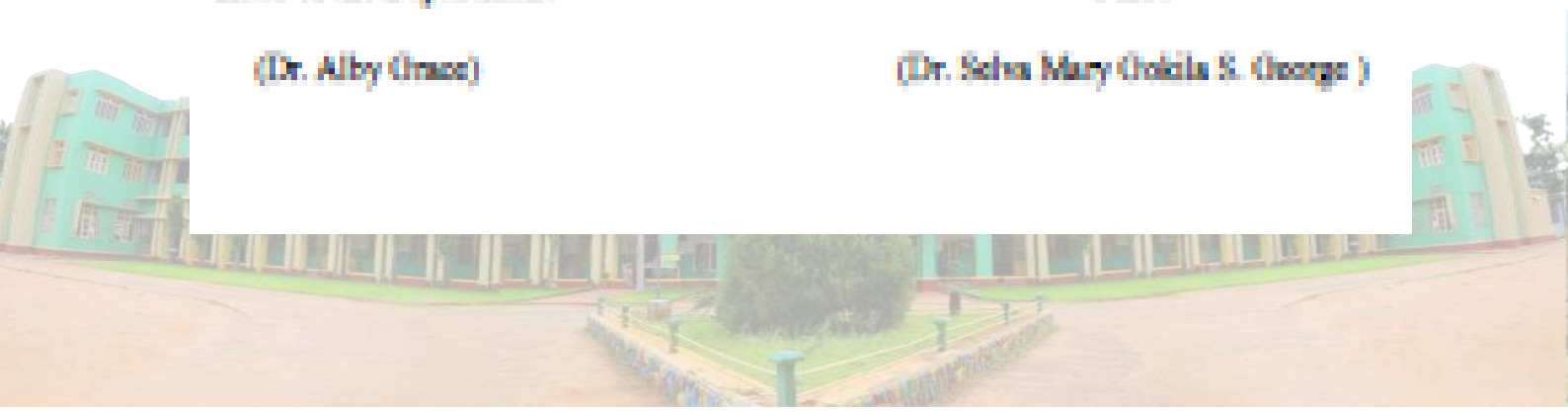
Date: November 2020

Head of the Department

(Dr. Alby Grace)

Guide

(Dr. Selva Mary Gokila S. George)



DECLARATION

We hereby declare that this project report entitled "Secularism and Communal Violence: A Study of David Davidar's The Solitude of The Emperors" is a bonafied record of work done by us under the guidance Dr. Selva Mary Gokila S.George Nirosh ,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
Deepa Basumatary	2018388
Ezrachiya . E	2018389
Fiona Joshi . A	2018390
Fritha F.T	2018391
Gayathri . K	2018392

Place: Nagercoil

Date: November 2020



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Certificate

Declaration

Acknowledgement

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DEPARTMENT OF ENGLISH (SF)

Rivalry for Power: A Study of Gillian Flynn's *Gone Girl*

Project Submitted to Holy Cross College (Autonomous)

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

Bachelor of Arts

Submitted by

Name	Reg.No
1. AnnsJeba. A	2018439
2. Jesima. J	2018463
3. Nanthini. R.	2018474
4. Pavithra .C	2018476
5. SamrinFathima	2018483
6. SwarnaUthra .M	2018490

Under the guidance of

Ms. J. Alisha Josephine, M.A., M. Phil., NET



U.G & Research Department of English

Holy Cross College (Autonomous)

Nagercoil

November 2020



Certificate

This is to certify that the project report entitled "Rivalry for power- A Study of Gillian Flynn's *Gone Girl*", Submitted by AnnsJeba. A, Jesima. J, Nanthini. R. Pavithra, C, SamrinFathima, SwarnaUthra. M is a bonafide research work done during 2020- 2020 under my supervision and guidance and that the project has not previously formed the basis for the award to the candidate of any Degree, Diploma, Fellowship or any other similar title.

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

Place: Nagercoil

Date: November 2020

Head of the Department

(Ms. J. Maria PrabinaSackaria)

Guide

(Ms. J. Alisha Josephine)



Declaration

The project report entitled “Rivalry for power- A Study of Gillian Flynn’s *Gone Girl*” is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manomaniam Sundaram University] in partial fulfillment of the requirements for the B.A Degree in English Literature.

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

Name	Reg.No	Signature
1. AnnsJeba .A	2018439	
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Place: Nagercoil

Date: November 2020



Deconstructing the Elysian Fields: An Search for Utopia in Margaret

Atwood's The Heart Goes Last

PROJECT SUBMITTED TO

Holy Cross College (Autonomous) Nagercoil

[Manonmaniam Sundarnar University]

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE

AWARD OF THE DEGREE OF

BACHELOR OF ARTS

Submitted by

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4. Sushra.R	2018489
5. Thinsha.M	2018492

Under the guidance of

Ms. W. Fairly Jenifer, M.A., MPhil., NET



Department of English (Self-Financed)

Holy Cross College (Autonomous) Nagercoil

November 2020

CERTIFICATE

This is to certify that the project entitled “Deconstructing the Elysian Fields: An Search for Utopia in Margaret Atwood’s *The Heart Goes Last*” submitted by Afrah, Deepa, Inaya Faziya.B, Sushra.R and Thinsha.M is a bonafide research work done during 2020 under my supervision and guidance and that the project has not previously formed its basis for the award to the candidate of any degree, diploma, fellowship or any other similar title.

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

PLACE: Nagercoil

DATE: November 2020

Head of the Department

Guide

(Ms. J. Maria Prabina Sackaria)

(Ms. W. Fairly Jenifer)



DECLARATION

This project entitled “Deconstructing the Elysian Fields: An Search for Utopia in Margaret Atwood’s *The Heart Goes Last*” is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfilment of the requirements for the B.A. Degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

Name	Reg.No	Signature
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3. Inaya Faziya.B	2018455	
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PLACE: Nagercoil

DATE: November 2020



Holy Cross College (Autonomous) Nagercoil

[Manonmaniam Sundaranar University]

**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE
AWARD OF THE DEGREE OF
BACHELOR OF ARTS
PROJECT SUBMITTED TO**

Submitted by

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2. FathimaZerin. M	2018452
3. Mary NishaMedolin. M	2018471
4. Musfira. M	2018473
5. Rukma. S	2018480

Under the guidance of

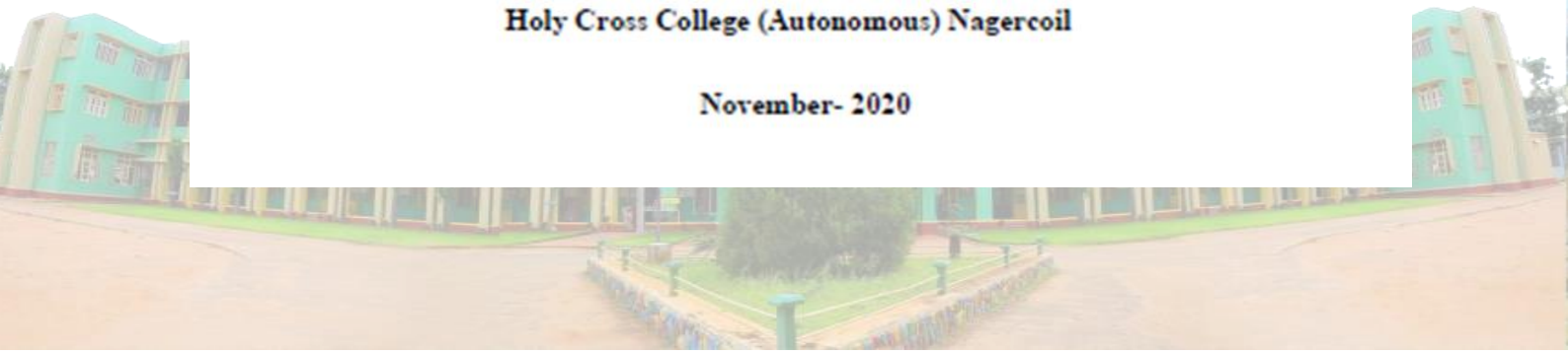
Ms. J. M. Gracelin Lydia. M.A, M.Sc., M. Phil., NET



Department of English (Self-Financed)

Holy Cross College (Autonomous) Nagercoil

November- 2020



Certificate

This is to certify that the project entitled Women Empowerment Thematic approach on Colleen Hoover's It End With Us submitted by M.Archana, M. Fathima Zerin, M. Mary Nisha Medolin, M. Musfira, S. Rukma is a bonafide research work done during the academic year 2020-2021 under my supervision and guidance and that the project has not previously formed its basis for the award to the candidate of any degree, diploma, fellowship or any other similar title.

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

PLACE:Nagercoil

DATE:November 2020

Head of the Department

(Ms. J. Maria Prabina Sackaria)

Guide

(Mrs. J.M. Gracelin Lydia)



Declaration

This project entitled Women Empowerment Thematic approach on Colleen Hoover's It End With Us is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfilment of the requirements for the B.A. Degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

Name	Reg. No	Signature:
1. Archana. M	2018441	
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PLACE: Nagercoil

DATE: November 2020



Women Empowerment: Thematic approach on Colleen Hoover's It Ends With Us.

PROJECT SUBMITTED TO

Holy Cross College (Autonomous) Nagercoil

[Maronitanian Sundaranar University]

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

Submitted by

Name	Reg. No
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4. Musfir. M	2018473
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Under the guidance of

Ms. J. M. Gracelin Lydia. MA, MSc., M. Phil., NET

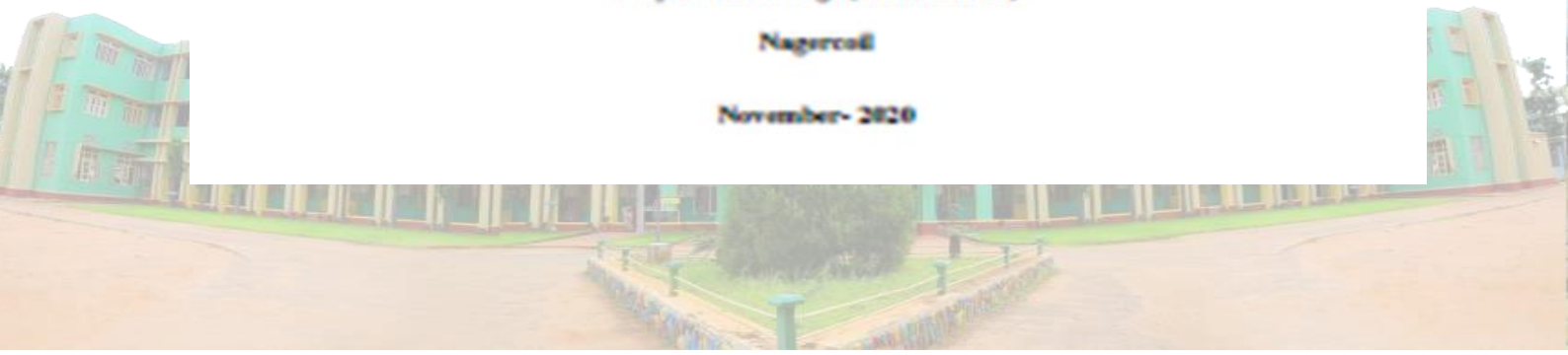


Department of English (Self-Financed)

Holy Cross College (Autonomous)

Nagercoil

November- 2020



Certificate

This is to certify that the project entitled Women Empowerment Thematic approach on Colleen Hoover's *It End With Us* submitted by **M.Archana, M. Fathima Zerim, M. Mary Nisha Medolin, M. Musfira, S. Rukma** is a bonafide research work done during the academic year 2020-2021 under my supervision and guidance and that the project has not previously formed its basis for the award to the candidate of any degree, diploma, fellowship or any other similar title.

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

PLACE:Nagercoil

DATE:November 2020

Head of the Department

(Ms. J. Maria Prabina Sackaria)

Guide

(Mrs. J.M. Gracelin Lydia)



Declaration

This project entitled Women Empowerment Thematic approach on Colleen Hoover's It End With Us is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfilment of the requirements for the B.A. Degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

Name	Reg. No	Signature:
1. Archana. M	2018441	
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PLACE: Nagercoil

DATE: November 2020



Forgiveness, Aspirations and Sufferings in Anita Nair's *Lessons in Forgetting*: A Thematic Analysis

PROJECT SUBMITTED TO

**Holy Cross College (Autonomous) Nagercoil
[Manonmaniam Sundaranar University]**

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

BACHELOR OF ARTS

Submitted by

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Under the guidance of

Dr. R. Eveline Shindya. M.A., M. Phil., Ph.D.



Department of English (Self-Financed)

Holy Cross College (Autonomous)

Nagercoil

November 2020



CERTIFICATE

This is to certify that the project entitled “Forgiveness, Aspirations and Sufferings in Anita Nair’s *Lessons in Forgetting: A Thematic Analysis*” submitted by Abitha. V, K. Asvitha, A. Jafrin Stefy, Mary Jevisha. F and Sarah Gracy. R is a bona fide research work done during 2020-2021 under my supervision and guidance and that the project has not previously formed its basis for the award to the candidate of any degree, diploma, fellowship or any other similar title. I also certify that this project represents complete independent work on the part of the candidates.

PLACE: Nagercoil

DATE: November 2020

Head of the Department

Guide

(Ms. J. Maria Prabina Sackaria)

(Dr. R. Eveline Shindya)



DECLARATION

This project entitled "Forgiveness, Aspirations and Sufferings in Anita Nair's *Lessons in Forgetting: A Thematic Analysis*" is our original and independent work, submitted to Holy Cross College (Autonomous), Nagercoil [Manonmaniam Sundaranar University] in partial fulfilment of the requirements for the B.A. Degree in English Literature. We hereby declare that the facts are genuine and not based on any other research work.

Name	Reg. No	Signature
1. Abitha. V	2018432	
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PLACE: Nagercoil

DATE: November 2020



DEPARTMENT OF ECONOMICS

**SECTORAL DISTRIBUTION OF FOREIGN DIRECT INVESTMENT
IN INDIA – AN ANALYSIS**

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

BACHELOR OF ARTS

By

R.RUHANA	-	2018357
A.SAHAYA GAYATHRI	-	2018358
A.SAHAYA RANI	-	2018359
K.SOWMIYA	-	2018363

Under the guidance of

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

2020 - 2021



**CONSUMER PERCEPTION TOWARDS
CADBURY CHOCOLATE- A NAGERCOIL CITY IN KANYAKUMARI**

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

BACHELOR OF ARTS
Under the Guidance of
DR.S.JENI SANJANA M.A., M.Phil., M.B.A. Ph.D.

Project Team

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Holy Cross College (Autonomous)
Nagercoil-629 004
2020-2021

An Economic Study on Household Expenditure of Working Women in Nagercoil Town During COVID - 19.

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

**BACHELOR OF ARTS
Under the Guidance of
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**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004
2020 - 2021**

**SOCIO ECONOMIC CONDITIONS OF JOBLESS PEOPLE DUE TO
COVID-19 WITH SPECIAL REFERENCE TO NAGERCOIL TOWN IN
KANYAKUMARI DISTRICT**

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

BACHELOR OF ARTS

Under the Guidance of

Ms. J. Josephine Shiny, M.A., M.Phil. B.Ed.

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**DEPARTMENT OF ECONOMICS
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629004
2020-2021**



DEPARTMENT OF COMMERCE

A STUDY ON SOCIAL MEDIA MARKETING

Project report submitted to Holy Cross **College (Autonomous) Nagercoil** affiliated to
St. Ann's Maniam Sundaranar University in **partial** fulfillment of the requirement for the
award of the degree of

BACHELOR OF COMMERCE

Submitted by

NAME	REG.NO
S. ABINAYA	2018521
J.ADELIN JUDISHA	2018523
A.AMAL JOICE	2018524
N.DEEPA	2018539
S.M.DHARSHINI	2018540

Under the guidance of

DR. Sr. S. SAHAYASELVI, M.com., M.Phil., Ph.D., NET, PGDCAB.



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629004

NOVEMBER 2020

Dr. Sr. S. Sahaya Selvi, M.com., M.Phil., Ph.D., NET., PGDCAB.

Assistant professor in Commerce.

Holy Cross College.

Nagercoil – 629004

CERTIFICATE

This is to certify that the project report entitled “**A STUDY ON SOCIAL MEDIA MARKETING**” is bonofide record of work done by **S.Abinaya, J.Adeline Judisha, A.Amal Joice, N.Deepa, S.M.Dharshini** under my supervision and guidance and submitted in partial fulfillment of the requirements for the degree of Bachelor of Commerce. It has not formed the basis for the award of any degree, diploma or any other similar title.

Place: Nagercoil

Date: 21-11-2020


Supervisor


Head of the Department

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


External Examiner

**A STUDY ON IMPACT OF COVID -19 ON THE INDIAN STOCK
MARKET**

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

BACHELOR OF COMMERCE

Submitted by

Name	Reg. No
HEREAN JERBINA J	<u>2018541</u>
INFANT REYSHMA T	<u>2018543</u>
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SAHAYA PRINCELIN GISHA K	<u>2018569</u>
VASANTHRA B	<u>2018580</u>

Under the guidance of

Dr.Sr.S.Sahaya Selvi, M.com, M.Phil., Ph.D., NET, PGDCAB.



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

NAGERCOIL – 629004

October 2020

Dr.Sr.S.SahayaSelvi, M.com, M.Phil., Ph.D., NET, PGDCAB.
Assistant Professor of Commerce,
Holy Cross College,
Nagercoil- 629004.

CERTIFICATE

This is to certify that the project report entitled “**A STUDY ON IMPACT OF COVID-19 ON THE INDIAN STOCK MARKET**” is bonofide record of work done by **Herean Jerbina J, Infant Reyshma T, Mouslin Nayaki S, Sahaya Princelin Gisha K, Vasanthra B** under my supervision and guidance and submitted in partial fulfillment of the requirements for the degree of Bachelor of Commerce. It has not formed the basis for the award of any degree, diploma or any other similar title.

Place: Nagercoil

Date: 21-11-2020

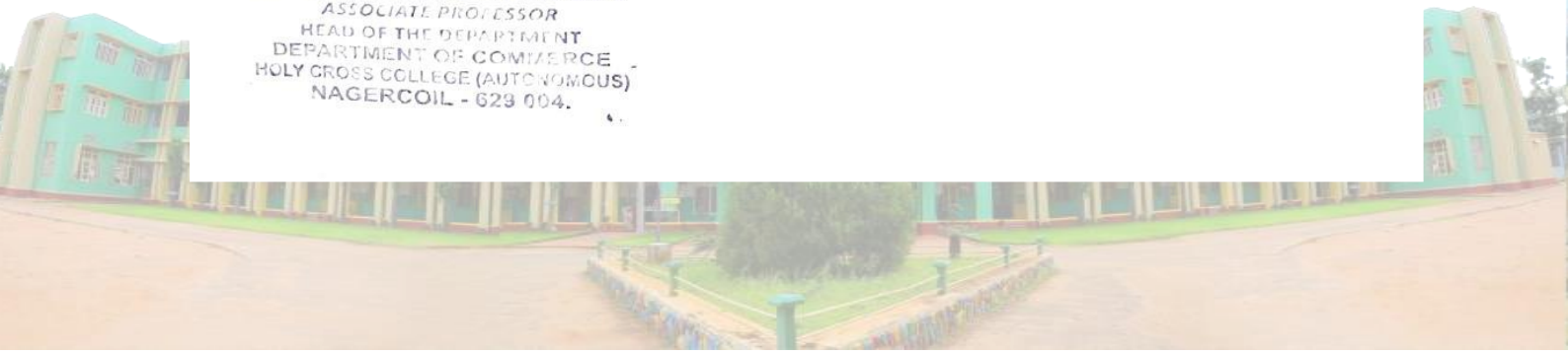
Supervisor

M. Mary Helen Stella

Head of the Department External Examiner

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

Examiner



**A STUDY ON ECONOMIC SLOWDOWN IN INDIA DURING
COVID-19**

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

BACHELOR OF COMMERCE

Submitted by

Name	Reg. No
S.ANNAMAL SONIA	2018526
L. ANUJA	2018527
M. BENISHA RANS	2018536
S. BIRUNTHA	2018537
I. INDHU YAMUNA	2018542
U. SAHAYA MAXIN RUBINA	2018567

Under the guidance of

Dr. Sr. S. Sahaya Selvi, M.Com., M. Phil., Ph.D., NET, PGDCAB



**DEPARTMENT OF COMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL – 629 004.**



Dr. Sr. S. Sahaya Selvi, M.Com., M.Phil., Ph.D., NET., PGDCB

Assistant professor in Commerce,

Holy Cross College,

Nagercoil – 629 004.

CERTIFICATE

This is to certify that the project report entitled” **A STUDY ON ECONOMIC SLOWDOWN IN INDIA DURING COVID-19**” is bonafide record of work done by **S. Annamal Sonia, L. Anuja, M. Benisha Rans, S. Biruntha, I. Indhu Yamuna, U. Sahaya Maxin Rubina** under my supervision and guidance and submitted in partial fulfillment of the requirements for the degree of Bachelor Of Commerce. It has not formed the basis for the award of any degree, diploma or any other similar title.

Place: Nagercoil

Date: **Supervisor**

M. Mary Helen Stella
Head of the Department

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

[Signature]
Examiner



DEPARTMENT OF COMMERCE (S.F.I)

**A STUDY ON CUSTOMER SATISFACTION TOWARDS ONLINE
BANKING IN NAGERCOIL TOWN**

Project submitted to
Holy Cross College (Autonomous), Nagercoil
In partial fulfillment of the requirement for
The award of the degree of
BACHOLAR OF COMMERCE

Submitted By

A. ABISHA (Reg. No: 2018583)
A. ANANTHI (Reg. No: 2018584)
V.A ANU BHARATHI (Reg. No: 2018585)
J. ANU (Reg. No: 2018586)
A. ANUSHA (Reg. No: 2018588)

Under the guidance of
Mrs.J.JEMI ROUTH KANOSA, M.Com, M.Phil.,



DEPARTMENT OF COMMERCE
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL - 629 004
NOVEMBER - 2020



Mrs.J.JEMI ROOTH KANOSA. M.Com, M.Phil.,
Assistant Professor in Commerce (S.F),
Holy Cross College (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

This is to certify that the dissertation entitled "**A STUDY ON CUSTOMER SATISFACTION TOWARDS ONLINE BANKING IN NAGERCOIL TOWN**" is a bonafide research work for the award of the degree of Bachelor of Commerce. It has not formed the basis of the award of any degree, diploma and any other similar titles.

Place: Nagercoil.

Date: 23. 11. 2020

C.K. Sunitha
Head of the Department

Dr. C.K. SUNITHA

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

M. Jeyaraj
Examiner

S. Kanad
Guide Supervisor

(Assistant Professor in Commerce)

**A STUDY ON WOMEN'S ONLINE PURCHASING
BEHAVIOUR IN NAGERCOIL TOWN
PROJECT REPORT**

Submitted to Holy Cross College (Autonomous) Nagercoil.

Affiliated Manonmaniam Sundaranar University Tirunelveli.

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

BACHELOR OF COMMERCE

Submitted by

Name	Reg.No
Anusha. A	2018587
Anusha. T	2018589
Archana. M.U	2018590
Arthi. C	2018591
Ashmi vinitha. M	2018592

Under the guidance of _____

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



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (ANTONOMOUS)

NAGERCOIL-629004

NOVEMBER – 2020



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

Assistant Professor,

Department of Commerce,

Holy Cross College (Autonomous),

Nagercoil-629004.

CERTIFICATE

This is to certify that the project work entitled, "**A STUDY ON WOMEN'S ONLINE PURCHASING BEHAVIOUR IN NAGERCOIL TOWN**" is a bonafied record of work done by A. Anusha, T. Anusha, M.U. Archana, C. Arthi, M.Ashmi vinitha under my supervision and guidance submitted in partial fulfilment for the requirement for the Degree of Bachelor of commerce. It has not formed the basis for the award of any degree, diploma, or any other similar title.

Place: Nagercoil

Date: 23.11.2020

G. Shiny
Supervisor

C.K. Sunita
**Head of the Department &
Dean of Commerce**

M. D. Jyoti
Examiner

Dr. C.K. SUNITHA
H.O.D. of Commerce (SF)
Holy Cross College (Autonomous)
Nagercoil - 629 004



**A STUDY ON CUSTOMER SATISFACTION TOWARDS FACE
CREAM-WITH SPECIAL REFERENCE TO COLLEGE STUDENTS IN
NAGERCOIL TOWN**

PROJECT REPORT

Submitted to Holy Cross College (Autonomous) Nagercoil.

Affiliated Manonmaniyam Sundaranar University Tirunelveli.

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

BACHELOR OF COMMERCE

Submitted by

S.B.ASWATHY.	2018593
R.BELSHIBHA.	2018594
K.BINUSHA.	2018595
K.BIRNDHA.	2018596
A.CARMEL MARIA DIVINA.	2018597



**Under the guidance of
Dr.R. EVALIN LATHA M.Com, M.Phil, Ph.d .**

Assistant Professor in DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (ANTONOMOUS)

NAGERCOIL-629004

DECLARATION

We declared that the project entitled “ A STUDY ON CUSTOMER SATISFACTION TOWARDS FACE CREAM- WITH SPECIAL REFERENCE TO NAGERCOIL TOWN” submitted to Holy Cross College (Autonomous) , Nagercoil for degree of bachelor of commerce is a result of my original and independent work, carried out under the guidance of Dr.R. EVALIN LATHA M.com, M.phil, Ph.d Assistant professor of Department Of Commerce. It has not been submitted before for the award of any other degree or diploma.

Submitted By,

Aswathy S.B ASWATHY S.B

shla BELSHIBHA. R

Binusha BINUSHA.K

k.Brindha BRINDHA. K

Carmel Maria Divina . A CARMEL MARIA DIVINA . A

Place : Nagercoil

Date. : 23.11.2020



**A STUDY ON PASSENGERS SATISFACTION ON
INDIAN RAILWAYS IN NAGERCOIL TOWN**

PROJECT REPORT

*Submitted to Holy Cross College (Autonomous) Nagercoil
Affiliated to Manonmaniam Sundaranar University Tirunelveli
In partial fulfilment of the requirement for the award of the degree of*

BACHELOR OF COMMERCE

Submitted by

DIVYA PRIYA. R	2018603
DONY BENISHA. F	2018604
FATIMA PETRICIA. A	2018605
GEONA. K	2018606
GINSHA MOL. P	2018607

Under the guidance of

Mrs. A. FRANKLIN RAGILA, MCS., M.Com., M.Phil., NET.



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

NOVEMBER – 2020

NAAC V Cycle Self Study Report (SSR)

Mrs. A. FRANKLIN RAGILA, MCS., M.Com., M.Phil., NET.
Assistant Professor,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil - 629 004.

CERTIFICATE

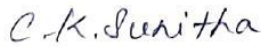
This is to certify that the project report entitled “A STUDY ON PASSENGERS SATISFACTION ON INDAN RAILWAYS IN NAGERCOIL TOWN” is a bonafide record of research work done by **DIVYA PRIYA. R, DONY BENISHA. F, FATIMA PETRICIA. A, GEONA. K** and **GINSHA MOL. P** under my supervision and guidance. The report is submitted in partial fulfilment of the requirement for the degree on Bachelor of Commerce. It has not been submitted for the award of any degree, diploma, associateship or fellowship of any university or institution.

Place: Nagercoil

Date: 23/11/2020


Supervisor


Examiner


Dr. C.K. Sunitha
Head of the Department &
Dean of Commerce

Dr. C.K. SUNITHA
H.O.D. of Commerce (F)
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Nagercoil - 629 004



**A STUDY OF SUSTAINABLE PRODUCT
ENJOYERS IN NAGERCOIL TOWN**

*Submitted to
Holy Cross College (Autonomous) Nagercoil
In partial fulfillment of the requirements for the award of the Degree of*

BACHELOR OF COMMERCE

Submitted by

JENIFER .T	(2018613)
JULIET MEGALA .F	(2018614)
LOURTHU ASHIKA .G	(2018616)
MACTHALIN ALSA .G	(2018617)
MARIA PAVITHRA .C	(2018618)

Under the Guidance of

Dr. P.M. SIRUMALAR RAJAM, M.Com, B.Ed., M.Phil., Ph.D.



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

NOVEMBER – 2020



Dr. P.M. SIRUMALAR RAJAM, M.com, B.Ed., M.Phil., Ph.D.,
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Holy Cross College (Autonomous),
Nagercoil – 629004.

CERTIFICATE

This is to certify that the project work entitled “A STUDY OF SUSTAINABLE PRODUCT ENJOYERS IN NAGERCOIL TOWN” is a record of research work done by T. JENIFER, F. JULIET MEGALA, G. LOURTHU ASHIKA, G. MACTHALIN ALSA and C. MARIA PAVITHRA under my supervision and guidance and submitted in partial fulfillment of the requirement for the Degree of Bachelor of Commerce. It has not been submitted for the award of any degree, diploma, or any other similar title.

Place : Nagercoil

Date : 23/11/2020

Sirumalar
Supervisor

C.K. Sunitha
Head of the Department

M. Jayaraj
Examiner

DR. C.K. SUNITHA
H.O.D. of Commerce (I)
Holy Cross College (Autonomous)
Nagercoil - 629004



DEPARTMENT OF COMMERCE (S.F.II)

**A STUDY ON FACTORS INFLUENCING
PURCHASING INTENTION OF SMARTPHONE IN
NAGERCOIL TOWN**

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

BACHELOR OF COMMERCE

Submitted by

FATHIMA SAFNA.M	-	2018661
MASHA.N	-	2018674
NIGITHA REGIN.R	-	2018677
NIMITHA REGIN.R	-	2018679
SURUTHLR	-	2018691
SWETHA.M	-	2018692

Under the guidance of

Ms.J.CAROLIN JENIL SHALU M.Com., M.Phil.



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

NAGERCOIL – 629 004

2020-2021



Ms.J.CAROLIN JENIL SHALU M.Com., M.Phil.

Assistant Professor,

Department of Commerce,

Holy Cross College (Autonomous)

Nagercoil – 629004

CERTIFICATE

This is to certify that the project report entitled “A STUDY ON FACTORS INFLUENCING PURCHASING INTENTION OF SMARTPHONE IN NAGERCOIL TOWN” is a bonafide record of project by FATHIMA SAFNA.M, MASHA.N, NIGITHA REGIN.R, NIMITHA REGIN.R, SWETHA.M, SURUTHI.R, under my supervision and guidance and submitted in partial fulfillment of the requirement for the degree of Bachelor of Commerce. It has not formed of the basis awarded of any degree, diploma, or any title.

Place:Nagercoil

Date: 23.11.2020


Supervisor



Head of the Department


Examiner



**A STUDY ON CUSTOMER SATISFACTION IN
DIGITAL MARKETING IN NAGERCOIL TOWN**

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

BACHELOR OF COMMERCE

Submitted by

AFRAH .S	- 2018646
ANISHA .N	- 2018653
JAWAHIRA FATHIMA .S	- 2018667
LINCYJENIFER .R	- 2018670
MARIYA INFANT VINCIYA .L	- 2018672

Under the guidance of

Mrs .J.JENIFER MBA, M.Com., M.Phil.,



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

NAGERCOIL-629004

2020 - 2021



Mrs. J.JENIFER, MBA, M.Com., M.Phil.,
Assistant Professor,
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CERTIFICATE

This is to certify that the project report entitled “A STUDY ON CUSTOMER SATISFACTION IN DIGITAL MARKETING IN NAGERCOIL TOWN” is a bonafide record of project a work by **AFRAH.S, ANISHA.N, JAWAHIRA FATHIMA.S, LINCY JENIFER.R, MARIYA INFANT VINCIYA.L,** my supervision and guidance have submitted in partial fulfilment of the requirement for the degree of Bachelor of Commerce. It has not formed of the basis awarded of any degree, diploma, or any title.

Place:Nagercoil

Date:


Supervisor


Head of the Department


Examiner



**“A COMPARATIVE STUDY ON CUSTOMER SATISFACTION TOWARDS
TRADITIONAL AND ONLINE SHOPPING WITH REFERENCE TO PANAGUDI
TOWN”**

A Project report submitted to

Holy Cross College (Autonomous) Nagercoil

Affiliated to Manonmaniam Sundaranar University

In partial fulfillment of the requirements of the degree of

Bachelor of commerce

Guided by

Prof. S.ANEES FATHIMA SUMAIYA

Submitted by

Ancy princes Stanley	2018650
Ashika. M	2018655
Brindhha. S	2018658
Indra ponni. M	2018664
Karthika. V	2018669



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL – 629004

2020-2021



Mrs.ANEES FATHIMA SUMAIYA.S,
Assistant Professor,
Department of Commerce,
Holy Cross College (Autonomous),
Nagercoil.

CERTIFICATE

This is to certify that the project work entitled“**A COMPARATIVE STUDY ON CUSTOMER SATISFACTION TOWARDS TRADITIONAL AND ONLINE SHOPPING WITH REFERENCE TO PANAGUDI TOWN**” is a bonafide record of a work done by**Ancy Princes Stanley, Ashika. M, Brindha. S, Indra Ponni. M, Karthika. V** under my guidance in a partial fulfillment of the requirement for the award of B.Com degree. It is also certified that the project report has not found in any degree, diploma or similar titles to the best of my knowledge.



Head of the department



Supervisor



Examiner



**COLLEGE STUDENTS' PREFERENCE ON FOOD DELIVERY APP WITH
REFERENCE TO ZOMATO AND SWIGGY**

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

BACHELOR OF COMMERCE

SUBMITTED BY

NAME	REG. NO.
ABISHA M	2018644
AFILA JOOHI S	2018645
AMINA NATHEERA M	2018649
ANGEL ROSE E	2018651
BUVANESWARI L	2018659
NIMISHA A	2018678

Under the guidance of

Dr. J. DIVYA MERRY MALAR, M.Com., M.Phil., Ph.D



DEPARTMENT OF COMMERCE

HOLY CROSS COLLEGE (AUTONOMOUS)

NAGERCOIL-629004

2020 - 2021

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

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Department of Commerce,

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Nagercoil - 629004.

CERTIFICATE

This is to certify that the project report entitled **“COLLEGE STUDENTS’ PREFERENCE ON FOOD DELIVERY APP WITH REFERENCE TO ZOMATO AND SWIGGY”** is a bonafide record of project work done by **AFILA JOOHI. S, AMINA NATHEERA. M, ABISHA. M, ANGEL ROSE. E, BUVANESWARI. L, NIMISHA. A** my supervision and guidance have submitted in partial fulfillment of the requirement for the degree of Bachelor of Commerce. It has not formed the basis for the award of any other degree, diploma or any title.

Place: Nagercoil

Date: 23-11-2020


Head of the Department


Supervisor


Examiner

**A STUDY ON CUSTOMER PERCEPTION TOWARDS PURCHASING
OF APPLE IPHONE IN NAGERCOIL TOWN**

Project submitted to Holy Cross College (Autonomous), Nagercoil.

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

BACHELOR OF COMMERCE

SUBMITTED BY

NAME	REG.NO
S. AYISHA FARHANA	2018656
S. DISNY	2018660
M.J. HOWWA ATHIYA	2018663
S. LALITHA KUMARI	2018669
J. RETNA MEERA	2018682

Under the guidance of

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

2020-2021

Mrs. C.S. MUTHUMANI, M.com, M.Phill,
Assistant Professor,
Department of Commerce,
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Nagercoil - 629004.

CERTIFICATE

This is to be certify that the project report entitled “A STUDY ON CUSTOMER PERCEPTION TOWARDS PURCHASING OF APPLE IPHONE IN NAGERCOIL TOWN” is bonofide record of project work done by **S. AYISHA FARHANA, S. DISNY, M.J. HOWWA ATHIYA, S. LALITHA KUMARI, J. RETNA MEERA,** under my supervision and guidance have submitted in partial fulfillment of the requirement for the degree of Bachelor of Commerce. It has not been formed the basis for the award of any other degree, diploma or any title.

Place: *Nagercoil*

Date: *23-11-2020.*

[Signature]
Supervisor

[Signature]
Head of the Department

[Signature]
Examiner



**A STUDY ON CONSUMER'S PERCEPTION TOWARDS PURCHASE
OF SEBAMED BABY PRODUCT IN NAGERCOIL**

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

BACHELOR OF COMMERCE

Submitted by

ALFA OMEGA ANTONIYS.X - 2018647

BONISHA RISHU.K - 2018657

LIYO FEFNI.K - 2018671

SAHAYA AJENIS - 2018685

SAHAYA ALISHA.V - 2018686

Under the guidance of

MRS.C.S. MUTHUMANI,M.Com., M.Phil.,



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

2020-2021



MRS. C.S. MUTHUMANI, M.Com.,M.Phill.,

Assistant Professor,

Department of Commerce,

Holy Cross College(Autonomous),

Nagercoil-629004.

CERTIFICATE

This is certify that the project entitled "**A STUDY ON CONSUMER'S PERCEPTION TOWARDS PURCHASE OF SEBAMED BABY PRODUCT IN NAGERCOIL**" is a bonafide record of a work by **ALFA OMEGA ANTONIYS.X, BONISHA RISHU.K, LIYO FENI.K, SAHAYA AJENI.S, SAHAYA ALISHA.V**, under my supervision and guidance and submitted in partial fulfilment of the requirement for the requirement for the degree of Bachelor of Commerce. It has not formed the basis for the award of any other degree, diploma or any title.



Supervisor

Place: Nagercoil

Date: 23.11.2020



Head of the Department


External Examiner

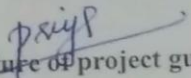


Dr. R. Krishna Priya,
Assistant Professor of Physics,
Holy Cross College (Autonomous),
Nagercoil- 629 004.

CERTIFICATE

This is to certify that this project report entitled “**Physico-Chemical, Structural, Thermal and Mechanical characterisation of the natural fibres taken from the underground sprout of Borassus flabellifer (Bf)**” is a record of original work done by Miss **ANSI AJITHA RANI .C (Reg. No: 2020SMP443)** in partial fulfillment of the requirements for the award of the Degree of Master of Philosophy in Physics, Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University, Tirunelveli during the academic year 2020-2021. It has not formed the basis for the award of any degree or diploma of any other university or institution.

Head of Department of Physics,
Holy Cross College (Autonomous),
Nagercoil - 4


Signature of project guide

Signature of Examiner