

Holy Cross College (Autonomous)

SSR 2019-2020

to

2023-2024

Nagercoil-629004

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

Project Report

DEPARTMENT OF PHYSICS

CHARACTERISATION STUDY MADE ON A NEW NOVEL BUTEA PARVIFLORA FIBER

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 MASTER OF PHILOSOPHY IN PHYSICS

By

M. ABISHA Reg.No : 21901

Under the guidance of

Dr. R. Krishna Priya



DEPARTMENT OF PHYSICS HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL-4 2019-2020

1

Dr. R. Krishna Priya, Assistant Professor of Physics, Holy Crass College (Antonomous), Nagercoll- 629 004.

CERTIFICATE

This is to certify that this project seport entitled "Characterisation study made on a New Novel Butea parvifiars Fiber" is a record of original work done by Miss M.Abisha (Reg.No:21901), in partial fulfillment of the requirements for the award of the Degree of Master of Philosophy in Physics, Hely Cross College (Autonomnus), Nagercoil affiliated to Manonmaniam Sundaranar University, Timmelveli during the academic year 2019-2020. It has not formed the basis for the award of any degree or diploma of any other university or institution.

Sermala do un

Head of Department of Riveria to Lotte who was some and the second and the second

T.s.mi Sagnature of project guide

Dr. R. HRISHNA PRIVA. M.S., MPRS, PLD. AUDITART PROFESSOR OF PAIGES. HELT CREASE CALLEGE INUTOHOROUTL NAME RUCK. 325 904

Dignature of Examiner





MA Abisha

(Reg.No:21901).

Tuysice Research Centre,

Hely Cross College (Autonomous).

Nageteeil - 629 004.

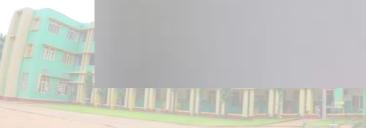
DECLARATION

I hereby declare that this project report entitled "Characterisation study made on a New Novel Butea parviflors Fiber" is a record of my original work done by me for the award of the Degree of Master of Philosophy in Physics during the academic year 2019-2020 under the guidance of Dr. R. Krishna Priya, Assistant Professor in Physics, Holy Cross College (Autonomous), Nagercoil affiliated to Manonmaniam Sundaranar University. Tirunelveli and it has not formed the basis for the award of any Degree / Diploma / Fellowship or other similar title to any candidate of any university.

Place: Nagercoil,

Date: 14 . 8 . 2020

M. Alaske



GROWTH OF CUPRIC OXIDE (CuO) and Zn DOPED CuO NANOSTRUCTURES ON GLSSS SUBSTRATES: WATER and SOIL REPULSION ACTIVITY

Submitted to

Holy cross college (Autonomous), Nagercoil

affiliated to Manonmanium Sundaranar University in partial fulfilment of the requirement for the award of the degree of

MASTER OF PHILOSHOPHY IN PHYSICS

By

P.ABISHA (Reg.No: 21902)

Under the guidance of

Dr. S. SONIA, M.sc., Ph.D.



Department of Physics Holy Cross College (Autonomous) Nagercoil-629004 2019 - 2020 Dr. S. Sonia, M.Sc., Ph.D. Assistant Professor, Departmentof Physics, Holy Cross College (Autonomous), Nagercoil-629004.

CERTIFICATE

This is to certify that the dissertation entitled "Growth of Cupric Oxide (CuO) and Zn doped CuOnanostructures on glass substrates: Water and Soil repulsion activity" is the bonafied record of the work independently done by the M.Phil candidate, Miss.P.ABISHA (Reg.No: 21902) in partial fulfillment of the requirement for the award of the degree of Master of Philosophy in Physics. It was done under my guidance during the year 2019-2020. I further certify that this project or any part of it has not been submitted by her elsewhere for any other to the best of my know ledge.

doud

Signature of the Supervisor

Signature of the Head of the Department

Department of Physica HOLY CROSS COLLEGE, Nagercoll-4.

External Examiner

P. Abisha, Reg.No: 21902 Physics Research Centre, Holy Cross College (Autonomous), Nagercoil-629004.

DECLARATION

I hereby declare that the project work entitled "Growth of Cupric Oxide (CuO) and Zn doped CuO nanostructures on glass substrates: Water and Soil repulsion activity" is a record of original and independent work done by me under the guidance of Dr. S. Sonia, Assistant Professor, Departmentof Physics, Holy Cross College (Autonomous), Nagercoil submitted to the Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu in the partial fulfillment of the requirement for the award of the degree of Master of Philosophy in Physics and has not been previously formed the basis for the award of any degree / associateship / fellowship or other similar title.

Place: Nagercoil Date: 14.08.2020

P. Abisha Signature of the Candidate



DEPARTMENT OF ZOOLOGY

OBSERVATION RECORD

Submitted

By T. SEETHA LEKSHMI M. Phil Zoology Reg. No 21906



Department of Zoology Holy Cross College (Autonomous) Nagercoil 629004 October 2019

Professional Skills for Tenching – Learning OBSERVATION RECORD SUBMITTED TO Holy Cross College (Autonomous) Nagercoil (Affiliated to Manonmanium Sundaranar University, Tirunelveli) IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF MASTER OF PHILOSOPHY

Submitted by

Name

T.Seetha Lekshmi

Reg. No 21906

1



Department of Zoology Holy Cross College (Autonomous) Nagercoil – 4 October 2019

DEPARTMENT OF ENGLISH

Rejuvenation of the Captives: A Study on

Emma Donoghue's Room and Lucy Christopher's Stolen

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

> Master of Philosophy Submitted by M. Iswarya Reg. No. 21818 Under the guidance of Dr. Alby Grace



PG & Research Department of English Holy Cross College (Autonomous) Nagercoil 629004 June 2019

Holy Cross College (Autonomous), Nagercoil

[Affiliated to Manonmaniam Sundaranar University, Tirunelveli]



Bonafide Certificate

This is to certify that the thesis entitled "Rejuvenation of the Captives: A Study on Emma Donoghue's *Room* and Lucy Christopher's *Stolen*" submitted by M. Iswarya (Reg. No. 21818) to Holy Cross College (Autonomous), Nagercoil [Affiliated to Manonmaniam Sundaranar University, Tirunelveli] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a bonafide record of the work carried out by her under the guidance and supervision of Dr.Alby Grace.

Supervisor

Dr. Alby Grace

A Esther Leema Rose Head of the Department

Mrs. Esther Leema Rose, M.A., M.Phil.

PG & Research Department of English Holy Cross College (Autonomous) Nagercoil - 629 004

Submitted for Viva Voce examination held on 11/7/19

External Examiner

Dr. Alby Grace,

Assistant Professor, Department of English, Holy Cross College (Autonomous), Nagercoil.

Certificate

This thesis entitled "Rejuvenation of the Captives: A Study on Emma Donoghue's *Room* and Lucy Christopher's *Stolen*" submitted by M. Iswarya (Reg. No. 21818) to Holy Cross College (Autonomous), Nagercoil [Affiliated to Manonmaniam Sundaranar University, Tirunelveli] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a record of bonafide research work done by her and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University/Institution.

Station: Nagercoil Date : June 2019

Signature of the Guide

Declaration

I hereby declare that the thesis entitled "Rejuvenation of the Captives: A Study on Emma Donoghue's *Room* and Lucy Christopher's *Stolen*" submitted by me for the degree of Master of Philosophy in Department of English is the result of my original and independent research work carried out under the guidance of Dr. Alby Grace, Holy Cross College (Autonomous), Nagercoil and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University or Institution.

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

Station: Nagercoil

Date : June 2019

M. Iswarya M. Iswarya

Reg. No. 21818

Acknowledgement

I express my sincere praise and thanks, to Lord Almighty for the blessings showered on me throughout my life, especially in the academic research work.

I express my deep sense of gratitude to my guide, **Dr. Alby Grace**, for her guidance and competent help. I remember with love and gratitude her efforts, patience, valuable suggestions and thought provoking ideas which enabled to bring the best thing in me.

I owe my sincere thanks to our Head of the Department, Mrs. Esther Leema Rose and all the faculty of the department for the inspiration and motivation.

I express my deep gratitude to our M.Phil coordinator, **Mrs. Margret Mary**, for her encouragement and motivation to finish my research work successfully. I also thank our Principal, **Dr. Sr. Basil Rose** for providing this opportunity to undertake my research work.

I express my thanks to our Librarian **Dr. Sr. Mary Johnsy** and all staff in the library who helped me in many ways in completing my project work.

I extend my gratitude to all my family members and friends for their constant support and encouragement I have experienced throughout the endeavour.

I also thank the proprietor of the Ragul Computer Centre, Punnai Nager for computerizing the dissertation neatly and in time. Inclusion of the Excluded: Exploring the Life of Transgenders in Laxmi Narayan Tripathi's *Me Hijra, Me Laxmi* and Living Smile Vidya's *I am Vidya: A Transgender's Journey*

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

Master of Philosophy

Submitted by

P. Mary Joshy Reg. No. 21821

Under the guidance of **Dr. H. Jimsy Asha**



PG & Research Department of English Holy Cross College (Autonomous) Nagercoil 629004 June 2019

Holy Cross College (Autonomous) [Affiliated to Manonmaniam Sundaranar University] Nagercoil 629004



Bonafide Certificate

This is to certify that the dissertation entitled "Inclusion of the Excluded: Exploring the Life of Transgenders in Laxmi Narayan Tripathi's *Me Hijra, Me Laxmi* and Living Smile Vidya's *I am Vidya: A Transgender's Journey*" submitted by P. Mary Joshy (Reg. No. 21821) to Holy Cross College (Autonomous), Nagercoil [Affiliated to Manonmaniam Sundaranar University] towards partial fulfillment of the requirements for the award of the degree of Master of Philosophy in Department of English is a bonafide record of the work carried out by her under the guidance and supervision of Dr. H. Jimsy Asha.

Supervisor

Dr. H. Jimsy Asha

the Department

PG & Research Department, 9 Stiffer Leema Rose, M.A., M.Phil Holy Cross College (Autonomous) Nagercoil - 629 004

Submitted for Viva Voce examination held on 11/1/19

External Examiner

Dr. H. Jimsy Asha, Assistant Prof. of English, Holy Cross College (Autonomous), Nagercoil.

Certificate

This dissertation entitled "Inclusion of the Excluded: Exploring the Life of Transgenders in Laxmi Narayan Tripathi's *Me Hijra, Me Laxmi* and Living Smile Vidya's *I am Vidy: A Transgender's Journey*" submitted by P. Mary Joshy (Reg. No. 21821) in partial fulfillment of the requirements for the award of the degree of Master of Philosophy in the Department of English is a record of bonafide research work done by her and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University/Institution.

Signature of the Guide

Station: Nagercoil Date: June 2019

Declaration

I hereby declare that the dissertation entitled "Inclusion of the Excluded: Exploring the Life of Transgenders in Laxmi Narayan Tripathi's *Me Hijra, Me Laxmi* and Living Smile Vidya's *I am Vidya: A Transgender's Journey*" submitted by me for the degree of Master of Philosophy in Department of English is the result of my original and independent research work carried out under the guidance of Dr. H. Jimsy Asha, Holy Cross College (Autonomous) Nagercoil and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University or Institution.

Station: Nagercoil Date : June 2019 P. Mary Joshy P. Mary Joshy

Reg. No: 21821

Acknowledgement

I express my sincere praise and thanks, to lord Almighty for the blessings showered on me throughout my life, especially in the academic research work.

I express my deep sense of gratitude to my guide, Dr. H. Jimsy Asha, for her guidance and competent help. I remember with love and gratitude her efforts, patience, valuable suggestions and thought provoking ideas which enabled as to bring the best time in me.

I owe my sincere thanks to our Head of the Department, Ms. Esther Leema Rose and all the faculty of the department for the inspiration and motivation.

I express my deep gratitude to our M.Phil coordinator, Ms. Margret Mary, for her encouragement and motivation to finish my research work successfully.

I also thank our Principal, Dr. Sr. Basil Rose for providing this opportunity to undertake my research work.

I express my thanks to our Librarian Dr. Sr. Mary Johnsy and all staff in the library who helped me in many ways in completing my project work.

I also thank the proprietor of the Ragul Computer Centre for computerizing the dissertation neatly and in time.

My thanks are also due to all my family members and friends for their constant support and encouragement I have experienced throughout the endeavour.

P. Mary Joshy.

Truth behind Prostitutes:

A Study of Patricia McCormick's Sold and

Gabriel Garcia Marquez's Memories Of My Melancholy Whores

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

Master of Philosophy

Submitted by

E. Shona Armstrong

Reg. No. 21825

Under the guidance of

Dr. M.F. Anne Feril, M.A., B.Ed., M.Phil., Ph.D.



PG & Research Department of English

Holy Cross College (Autonomous)

Nagercoil 629004

June 2019

Holy Cross College (Autonomous)

[Affiliated to Manonmanian Sundaranar University]

Nagercoil 629004



Bonafide Certificate

This is to certify that the thesis entitled "Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*" submitted by E. Shona Armstrong (Reg. No. 21825) to Holy Cross College (Autonomous), Nagercoil [Affiliated to Manonmaniam Sundaranar University] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a bonafide record of the work carried out by her under the guidance and supervision of Dr.M.F. Anne Feril.

Supervisor Dr. M.F. Anne Feril.

A. Lothy Leena Rose Head of the Department

PG & Research Department of English_{Mrs.} Esther Leema Rose, M.A., M.Phil. Holy Cross College (Autonomous) Nagercoil - 629 004

Submitted for Viva Voce examination held on 11/07/2019

Dr. M.F. Anne Feril,

Assistant Professor, Department of English, Holy Cross College (Autonomous), NAgercoil.

Certificate

This thesis entitled "Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*" submitted by E. Shona Armstrong (Reg. No. 21825) to Holy Cross College (Autonomous), Nagercoil [Affiliated to ManonmaniamSundaranar University] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a record of bonafide research work done by her and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University/ Institution.

Signature of the Guide

Station: Nagercoil
Date : June 2019

Declaration

I hereby declare that the thesis entitled "Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*" submitted by me for the degree of Master of Philosophy in Department of English is the result of my original and independent research work carries out under the guidance of Dr.M.F. Anne Feril, Holy Cross College (Autonomous), Nagercoil and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University or Institution. I hereby declare that the facts are genuine and not based on any other research work.

Station: Nagercoil
Date : June 2019

& Shora dermstrong E. Shona Armstrong

Reg. No. 21825

Acknowledgement

l express my sincere prise praise and thanks, to lord Almighty for the blessings showered on me throughout my life, especially in the academic research work.

I express my deep sense of gratitude to my guide, Dr. M.F. Anne Feril, for her guidance and competent help. I remember with love and gratitude her efforts, patience, valuable suggestions and thought provoking ideas which enabled as to bring the best time in me.

I owe my sincere thanks to our Head of the Department, Mrs. Esther Leema Rose and all the faculty of the department for the inspiration and motivation.

I express my deep gratitude to our M.Phil coordinator, Mrs. Margret Mary, for her encouragement and motivation to finish my research work successfully.

I also thank our Principal, Dr. Sr. Basil Rose for providing this opportunity to undertake my research work.

I express my thanks to our Librarian Dr. Sr. Mary Johnsy and all staff in the library who helped me in many ways in completing my project work.

I also thank the proprietor of the Image Computer Centre, Chettikulam for computerizing the dissertation neatly and in time.

My thanks are also due to all my family members and friends for their constant support and encouragement I have experienced throughout the endeavour.

Exploration of Life from a Different Perspective in the Select plays of Mahesh Dattani

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

Master of Philosophy

Submitted by

J. Justus Selva Renisha

Reg. No. 21820

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 629004

June 2019

Holy Cross College (Autonomous)

[Affiliated to ManonmanianSundaranar University]

Nagercoil 629004



Bonafide Certificate

This is to certify that the thesis entitled "Exploration of Life from a Different Perspective in the Select plays of Mahesh Dattani" submitted by J. Justus SelvaRenisha (Reg. No. 21820) to Holy Cross College (Autonomous), Nagercoil [Affiliated to ManonmaniamSundaranar University] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a bonafide record of the work carried out by her under the guidance and supervision of Dr.Selva Mary Gokila. S George.

Supervisor

Head of the Department

Dr.Selva Mary Gokila. S George.Mrs. Esther Leema Rose, M.A., M.Phil.

PG & Research Department of English Holy Cross College (Autonomous) Nagercoil - 629 004

Submitted for Viva Voce examination held on 117/19

Externa miner

Dr. Selva Mary Gokila. S George, Assistant Professor, Department of English, Holy Cross College (Autonomous), Nasgercoil.

Certificate

This thesis entitled "Exploration of Life from a Different Perspective in the Select plays of Mahesh Dattani" submitted by J. Justus Selva Renisha (Reg. No. 21820) to Holy Cross College (Autonomous), Nagercoil [Affiliated to Manonmaniam Sundaranar University] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a record of bonafide research work done by her and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University/ Institution.

Station: Nagercoil
Date : June 2019

Signature of the Guide

Declaration

I hereby declare that the thesis entitled "Exploration of Life from a Different Perspective in the Select plays of Mahesh Dattani" submitted by me for the degree of Master of Philosophy in Department of English is the result of my original and independent research work carried out under the guidance of Dr. Selva Mary Gokila. S George, Holy Cross College (Autonomous), Nagercoil and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University or Institution.

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

Station: Nagercoil

J. Justus Elva Renisha J. Justus Selva Renisha

Date : June 2019

Reg. No. 21820

Acknowledgement

I express my sincere praise and thanks, to lord Almighty for the blessings showered on me throughout my life, especially in the academic research work.

I express my deep sense of gratitude to my guide, Dr. Selva Mary Gokila. S George, for her guidance and competent help. I remember with love and gratitude her efforts, patience, valuable suggestions and thought provoking ideas which enabled me to bring the best time in me.

I owe my sincere thanks to our Head of the Department, Mrs. Esther Leema Rose and all the faculty of the department for the inspiration and motivation.

I express my deep gratitude to our M. Phil coordinator, Mrs. Margret Mary, for her encouragement and motivation to finish my research work successfully.

I also thank our Principal, Dr. Sr. Basil Rose for providing this opportunity to undertake my research work.

I express my thanks to our Librarian Dr. Sr. Mary Johnsy and all the staff in the library who helped me in many ways in completing my project work.

I also thank the proprietor of the Ragul Computer Centre, Punnai Nager for computerizing the dissertation neatly and in time.

My thanks are also due to all my family members and friends for their constant support and encouragement I have experienced throughout the endeavour.

J. Justus Selva Renisha

Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*

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

Master of Philosophy

Submitted by

E. Shona Armstrong

Reg. No. 21825

Under the guidance of

Dr. M.F. Anne Feril, M.A., B.Ed., M.Phil., Ph.D.



PG & Research Department of English

Holy Cross College (Autonomous)

Nagercoil 629004

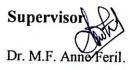
June 2019

Holy Cross College (Autonomous) [Affiliated to Manonmanian Sundaranar University] Nagercoil 629004



Bonafide Certificate

This is to certify that the thesis entitled "Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*" submitted by E. Shona Armstrong (Reg. No. 21825) to Holy Cross College (Autonomous), Nagercoil [Affiliated to Manonmaniam Sundaranar University] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a bonafide record of the work carried out by her under the guidance and supervision of Dr.M.F. Anne Feril.



A. Esther Leema Rose Head of the Department

PG & Research Department of English Holy Cross College (Autonomous) Mrs. Esther Leema Rose, M.A., M.Phil. Nagercoil - 629 004

Submitted for Viva Voce examination held on 11/7/19

External miner

Dr. M.F. Anne Feril,

Assistant Professor, Department of English, Holy Cross College (Autonomous), NAgercoil.

Certificate

This thesis entitled "Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*" submitted by E. Shona Armstrong (Reg. No. 21825) to Holy Cross College (Autonomous), Nagercoil [Affiliated to ManonmaniamSundaranar University] towards partial fulfilment of the requirements for the award of the degree of Master of Philosophy in Department of English is a record of bonafide research work done by her and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University/Institution.

Signature of the Guide

Station: Nagercoil Date : June 2019

Declaration

I hereby declare that the thesis entitled "Truth behind Prostitutes: A Study of Patricia McCormick's *Sold* and Gabriel Garcia Marquez's *Memories Of My Melancholy Whores*" submitted by me for the degree of Master of Philosophy in Department of English is the result of my original and independent research work carries out under the guidance of Dr.M.F. Anne Feril, Holy Cross College (Autonomous), Nagercoil and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any University or Institution. I hereby declare that the facts are genuine and not based on any other research work.

Station: Nagercoil Date : June 2019

8. Shona Armstrong E. Shona Armstrong

Reg. No. 21825

Acknowledgement

I express my sincere prise praise and thanks, to lord Almighty for the blessings showered on me throughout my life, especially in the academic research work.

I express my deep sense of gratitude to my guide, Dr. M.F. Anne Feril, for her guidance and competent help. I remember with love and gratitude her efforts, patience, valuable suggestions and thought provoking ideas which enabled as to bring the best time in me.

I owe my sincere thanks to our Head of the Department, Mrs. Esther Leema Rose and all the faculty of the department for the inspiration and motivation.

I express my deep gratitude to our M.Phil coordinator, Mrs. Margret Mary, for her encouragement and motivation to finish my research work successfully.

I also thank our Principal, Dr. Sr. Basil Rose for providing this opportunity to undertake my research work.

I express my thanks to our Librarian Dr. Sr. Mary Johnsy and all staff in the library who helped me in many ways in completing my project work.

I also thank the proprietor of the Image Computer Centre, Chettikulam for computerizing the dissertation neatly and in time.

My thanks are also due to all my family members and friends for their constant support and encouragement I have experienced throughout the endeavour.

E. Shona Armstrong