

ENVIRONMENTAL EDUCATION – ENVIRONMENTAL IMPACT ASSESSMENT

A Project submitted to Fatima College (Autonomous), Madurai-18
in partial fulfilment of the requirements of the award of the Degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

Ms. Abirami.R	(2021MB01)
Ms. Anitha.P	(2021MB02)
Ms. Ashuruthi.M	(2021MB03)
Ms. Avaidhaa Sarojini.A.M	(2021MB04)
Ms. Deepika.V	(2021MB05)
Ms. Dhaarmini.M.S.I	(2021MB06)

Under the guidance of

Mrs. J. Annaal Mercy

Assistant professor

Department of Mathematics (SF)



Fatima College (Autonomous)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai-625 018, Tamilnadu.

November 2022



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai.

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

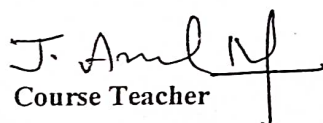
S.No	Reg.No.	Name of the Students	Title of project
1.	2021MB01	Abirami.R	Environmental Impact Assessment
2.	2021MB02	Anitha.p	Environmental Impact Assessment
3.	2021MB03	Ashuruthi.M	Environmental Impact Assessment
4.	2021MB04	Avaidhaa Sarojini.A.M	Environmental Impact Assessment
5.	2021MB05	Deepika.V	Environmental Impact Assessment
6.	2021MB06	Dhaarmini.M.S.I	Environmental Impact Assessment

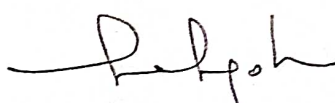
J. Annaal Mercy
Project Guide

X
Co-Ordinator,
Environmental Studies

CERTIFICATE

This is to certify that this project entitled, **ENVIRONMENTAL IMPACT ASSEMENT** Submitted by Ms. Abirami.R , Ms. Anita P , Ms. Ashruthi.M , Ms. Avidhaa Sarojini, Ms.Deepika.V , Ms.Dhaarmini.M.S.I for the degree of bachelor of science is based on the result of studies carried out by them under my guidance and supervision in the Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18. This project is not submitted elsewhere for any other degree.


Course Teacher


Signature of the Head of the Department

Place: Madurai

Date: 18.11.2022.

DECLARATION

We hereby declare that this work has been originally carried out by us under the guidance and supervision of **Mrs. J. Annaal Mercy**, M.Sc., B.Ed., M.Phil., SET, (Ph.D.), Assistant Professor, Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Place: Madurai

Date: 18.11.2022

R. Abirami

Ms. Abirami.R(2021MB01)

P. Anitha

Ms. Anitha.P(2021MB02)

M. Ashuruthi

Ms. Ashuruthi.M(2021MB03)

A. M. Avidhaa Sarojini

Ms. Avidhaa

Sarojini.A.M(2021MB04)

Deepika. V

Ms. Deepika.V(2021MB05)

M. S. I. Dhaarmini

Ms.Dhaarmini.M.S.I(2021MB06)

**ENVIRONMENTAL EDUCATION –
THE GLOBAL IMPACT OF RADIATION AND NUCLEAR ACCIDENT**

A Project submitted to Fatima College (Autonomous), Madurai-18
in partial fulfillment of the requirements of the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

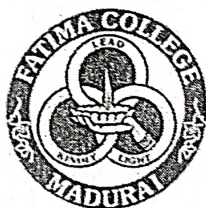
Ms. Dharanisri . N	(2021MB07)
Ms. Dharshini. S	(2021MB08)
Ms. Hemapathi. C	(2021MB09)
Ms. Jegadeeswari. B	(2021MB12)
Ms. Kalpana. K	(2021MB13)
Ms. Karishma. S	(2021MB14)

Under the guidance of

Mrs. J. Annaal Mercy

Assistant professor

Department of Mathematics (SF)



Fatima College (Autonomous)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai-625 018, Tamilnadu.

November 2022



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC {Cycle-IV}

Mary Land, Madurai.

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

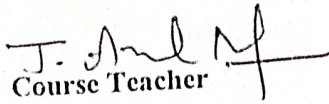
S.No	Reg.No.	Name of the Students	Title of project
1.	2021MB07	Dharanisri.N	The global impact of Radiation and Nuclear Accident
2.	2021MB08	Dharshini.S	The global impact of Radiation and Nuclear Accident
3.	2021MB09	Hemapathi.C	The global impact of Radiation and Nuclear Accident
4.	2021MB12	Jegadeeswari.B	The global impact of Radiation and Nuclear Accident
5.	2021MB13	Kalpana.K	The global impact of Radiation and Nuclear Accident
6.	2021MB14	Karishma.S	The global impact of Radiation and Nuclear Accident

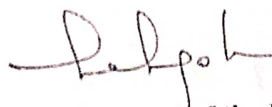
J. Annaal Mercy
Project Guide

Co-Ordinator,
Environmental Studies

CERTIFICATE

This is to certify that this project entitled, **ENVIRONMENTAL EDUCATION –**
Submitted by **THE GLOBAL IMPACT OF RADIATION AND NUCLEAR ACCIDENT**
Ms. Dharanisri. N, Ms. Dharshini. S , Ms. Hemapathi. C, Ms. Jegadeeswari. B, Ms. Kalpana. K,
Ms. Karishma. S for the degree of Bachelor of Science is based on the result of studies carried
out by them under my guidance and supervision in the Department of Mathematics (SF),
Fatima college (Autonomous), Madurai-18. This project is not submitted elsewhere for any
other degree.


Course Teacher


Signature of the Head of the Department

Place: Madurai

Date: 18.11.2022

DECLARATION

We hereby declare that this work has been originally carried out by us under the guidance and supervision of **Mrs. J. Annaal Mercy**, M.Sc., B.Ed., M.Phil., SET, (Ph.D.), Assistant Professor, Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Place: Madurai

Date: 18.11.2022

N. Dharanisri
Ms. Dharanisri. N (2021MB07)

S. Dharshini
Ms. Dharshini. S (2021MB08)

C. Hemapathi
Ms. Hemapathi. C (2021MB09)

B. Jegadeeswari
Ms. Jegadeeswari. B (2021MB12)

K. Kalpana
Ms. Kalpana. K (2021MB13)

S. Karishma
Ms. Karishma. S (2021MB14)

ENVIROMENTAL EDUCATION – BIODIVERSITY LOSS
A Project submitted to Fatima College (Autonomous), Madurai – 18
In partial fulfillment of the requirements of the award of the degree of

BACHELOR OF IN MATHEMATICS

Submitted by

Ms. Keerthiga. S	(2021MB16)
Ms. Kisha penni .T	(2021MB17)
Ms. Lakshmi.S	(2021MB18)
Ms. Maha Lakshmi.S	(2021MB19)
Ms. Maheswari .V	(2021MB20)
Ms. Mohana Supriya .A	(2021MB21)

Under the guidance of
Mrs. J. Annaal Mercy
Assistant Professor
Department of Mathematics (SF)



Fatima College (Autonomous)
Re-Accredited with 'A++' Grade by NAAC (cycle-IV)
Maryland, Madurai-625 018, Tamil Nadu

November 2022



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai.

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

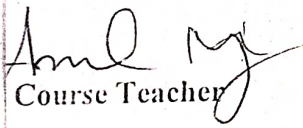
S.No	Reg.No.	Name of the Students	Title of project
1.	2021MB16	Keerthiga.S	Biodiversity Loss
2.	2021MB17	Kisha Penni.T	Biodiversity Loss
3.	2021MB18	Lakshmi.S	Biodiversity Loss
4.	2021MB19	Mahalakshmi@aruna.S	Biodiversity Loss
5.	2021MB20	Maheshwari.V	Biodiversity Loss
6.	2021MB21	Mohana supriya.A	Biodiversity Loss

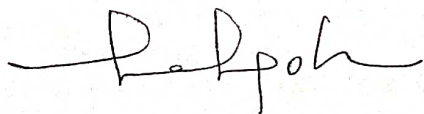
J. Annaal Mercy
Project Guide

Co-Ordinator,
Environmental Studies

CERTIFICATE

This to certify that this project entitled, ENVIRONMENTAL EDUCATION-BIODIVERSITY LOSS submitted by Ms. Keerthiga. S, Ms. Kisha Penni . T, Ms. Lakshmi . S, Ms. Maha Lakshmi . S, Ms. Maheswari.V, Ms. Mohana Supriya . A for the degree of Bachelor of Science is based on the result of studies carried out by them under my guidance and supervision in Department of Mathematics (SF). Fatima college (Autonomous), Madurai -18. This project is not submitted elsewhere for any other degree .


Course Teacher


Signature of the Head of the Department

Place: Madurai

Date: 18.11.2022 .

DECLARATION

We hereby declare that this work has been originally carried out by us under the guidance and supervision of Mrs. J. Annaal Mercy, M.Sc., B.Ed., M.Phil., SET, (Ph. d) Assistant Professor, Department of Mathematics(SF), Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Place: Madurai

Date: 18.11.2022

S. Keerthiga

Ms. Keerthiga. S(2021MB16)

T. Kisha Penni

Ms. Kisha Penni. T(2021MB17)

S. Lakshmi

Ms. Lakshmi. S (2021MB18)

S. Maha Lakshmi

Ms. Maha Lakshmi. (2021MB19)

V. Maheswari

Ms. Maheswari .V(2021MB20)

A. Mohana Supriya

Ms. Mohana Supriya . A(2021MB21)

ENVIRONMENTAL EDUCATION – OCEAN ACIDIFICATION

A project submitted to Fatima college (Autonomous), Madurai-18 in partial
Fulfilment of the requirement of the award of the degree

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

Ms.Priya dharshini. P.S	(2021MB28)
Ms.Ramya. V	(2021MB29)
Ms.Ranjani.K.S	(2021MB30)
Ms.Rinthiya. S	(2021MB31)
Ms.Rithika. K	(2021MB32)
Ms.Shanmuga priya.K	(2021MB34)

Under the guidance of

Mrs. J. Annaal Mercy

Assistant professor

Department of Mathematics(SF)



Fatima college (Autonomous) -

Re-Accredited with 'A++' Grade by NAAC (Cycle IV)

Mary land, Madurai-625 018, Tamil Nadu

May 2022



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai.

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

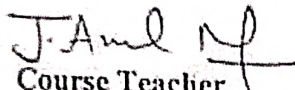
S.No	Reg.No.	Name of the Students	Title of project
1.	2021MB28	Priya dharshini.P.S	Ocean Acidification
2.	2021MB29	Ramya.V	Ocean Acidification
3.	2021MB30	Ranjani.K.S	Ocean Acidification
4.	2021MB31	Rinithiya.S	Ocean Acidification
5.	2021MB32	Rithika.K	Ocean Acidification
6.	2021MB34	Shanmuga Priya.K	Ocean Acidification

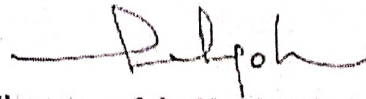
J. Annaal Mercy
Project Guide

Co-Ordinator,
Environmental Studies

CERTIFICATE

This to certify that this project entitled, ENVIRONMENTAL EDUCATION-OCEAN ACIDIFICATION submitted by Ms.Priya dharshini.P.S, Ms.Ramya.V, Ms.Ranjani.K.S, Ms.Rinithiya.S, Ms.Rithika.K, Ms.Shanmuga priya.K, for the degree of Bachelor of Science is based on the result of studies carried out by them under my guidance and supervision of in Department of Mathematics(SF),Fatima college (Autonomous),Madurai-18.This project is not submitted elsewhere for any other degree.


Course Teacher


Signature of the Head of the Department

Place:Madurai

Date: 18.11.2022

DECLARATION

We hereby declare that this work has been originally carried out by us under the Guidance and supervision of Mrs.J.Annal mercy,M.Sc.,B.Ed.,M.Phill.,Ph.D Department of Mathematics (SF),Fatima college (Autonomous),Madurai-18 and this work has not been submitted elsewhere for any other degree.

Place:Madurai

Date: 18-11-2022

PS Priyadharshini

P.S.Priya dharshini


V.Ramya

K.S.Ranjani
K.S.Ranjani

S.Rinthiya
S.Rinthiya

K.Rithika
K.Rithika


K.Shanmuga priya

ENVIRONMENTAL EDUCATION – URBAN SPRAWLING

A Project submitted to Fatima College (Autonomous), Madurai-18
in partial fulfilment of the requirements of the award of the Degree of
BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

Ms. SHOBIKASHRI.S	(2021MB35)
Ms. SHURUTHLM	(2021MB36)
Ms. SNEHA.N	(2021MB37)
Ms. SUDHARSHANA PRIYA.S	(2021MB39)
Ms. SUJITHA.M	(2021MB40)
Ms. SUMITHRA.M	(2021MB41)

Under the guidance of

Mrs. J. Annaal Mercy

Assistant professor

Department of Mathematics (SF)



Fatima College (Autonomous)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai-625 018, Tamilnadu.

November 2022



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai.

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

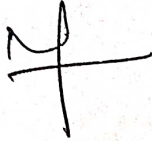
S.No	Reg.No.	Name of the Students	Title of project
1.	2021MB35	Shobikashri. S	Urban Sprawling
2.	2021MB36	Shuruthi.M	Urban Sprawling
3.	2021MB37	Sneha.N	Urban Sprawling
4.	2021MB39	Sudharshana Priya.S	Urban Sprawling
5.	2021MB40	Sujitha.M	Urban Sprawling
6.	2021MB41	Sumithra.M	Urban Sprawling


J. Annaal Mercy
Project Guide

Co-Ordinator,
Environmental Studies

CERTIFICATE

This is to certify that this project entitled, ENVIRONMENTAL EDUCATION – URBAN APRAWLING Submitted by Ms. Shobikashri.S, Ms.Shuruthi.M, Ms.Sneha.N, Ms.Sudharshana Priya.S, Ms.Sujitha.M, Ms.Sumithra.M for the degree of bachelor of science is based on the result of studies carried out by them under my guidance and supervision in the Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18. This project is not submitted elsewhere for any other degree.

J. Amel 
Course Teacher


Signature of the Head of the Department

Place: Madurai

Date: 18.11.2022

DECLARATION

We hereby declare that this work has been originally carried out by us under the guidance and supervision of **Mrs. J. Annaal Mercy**, M.Sc., B.Ed., M.Phil., SET, (Ph.D.), Assistant Professor, Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.,

Place: Madurai

Date: 18.11.2022

S. Shobikashri
Ms. Shobikashri.S (2021MB35)

M. Shuruthi
Ms. Shuruthi.M (2021MB36)

N. Sneha
Ms. Sneha.N (2021MB37)

Ms. Sudharshana Priya
Ms. Sudharshana Priya.S (2021MB39)

M. Sujitha
Ms. Sujitha.M (2021MB40)

M. Sumithra
Ms. Sumithra.M (2021MB41)

**ENVIRONMENTAL EDUCATION – REMOTE SENSING AND GEOGRAPHICAL
INFORMATION SYSTEM**

A Project submitted to Fatima College (Autonomous), Madurai-18
in partial fulfillment of the requirements of the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

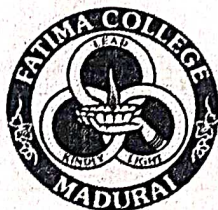
Ms. Swetha. S	(2021MB42)
Ms. Syed Ashmitha. H	(2021MB43)
Ms. Varsha. M	(2021MB45)
Ms. Varshini. M	(2021MB46)
Ms. Varshini. V	(2021MB47)
Ms. Viji. E	(2021MB48)
Ms. Yuva Dharshini. M	(2021MB50)

Under the guidance of

Mrs. J. Annaal Mercy

Assistant professor

Department of Mathematics (SF)



Fatima College (Autonomous)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai-625 018, Tamilnadu.

November 2022



FATIMA COLLEGE (AUTONOMOUS)
Re-Accredited with 'A++' by NAAC (Cycle-IV)

Mary Land, Madurai

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

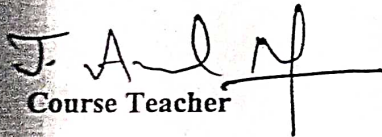
S. No.	Reg. No.	Name of the Students	Title of the Project
1.	2021MB42	Swetha.S	Remote Sensing and Geographical Information System
2.	2021MB43	Syed Asmitha.H	Remote Sensing and Geographical Information System
3.	2021MB45	Varsha.M	Remote Sensing and Geographical Information System
4.	2021MB46	Varshini.M	Remote Sensing and Geographical Information System
5.	2021MB47	Varshini.V	Remote Sensing and Geographical Information System
6.	2021MB48	Viji.E	Remote Sensing and Geographical Information System
7.	2021MB50	Yuva Dharshini.M	Remote Sensing and Geographical Information System

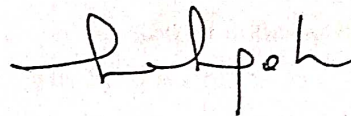
J. Annaal Mercy
Project Guide

Co-Ordinator,
Environment Studies

CERTIFICATE

This is to certify that this project entitled, **ENVIRONMENTAL EDUCATION – REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM** Submitted by Ms. Swetha .S, Ms. Syed Ashmitha. H , Ms. Varsha. M, Ms. Varshini. M, Ms.Varshini. V, Ms. Viji. E,Ms. Yuva Dharshini. M for the degree of Bachelor of Science is based on the result of studies carried out by them under my guidance and supervision in the Department of Mathematics (SF), Fatima College (Autonomous), Madurai-18. This project is not submitted elsewhere for any other degree.


Course Teacher


Signature of the Head of the Department

Place: Madurai

Date: 18.11.2022

DECLARATION

We hereby declare that this work has been originally carried out by us under the guidance and supervision of **Mrs. J. Annaal Mercy**, M.Sc., B.Ed., M. Phil., SET, (Ph.D.), Assistant Professor, Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Place: Madurai

Date: 18.11.2022

S. Swetha

Ms. Swetha. S (2021MB42)

H. Syed Ashmitha

Ms. Syed Ashmitha. H (2021MB43)

M. Varsha

Ms. Varsha. M (2021MB45)

M. Varshini

Ms. Varshini. M (2021MB46)

Varshini

Ms. Varshini. V (2021MB47)

E. Viji

Ms. Viji. E (2021MB48)

M. Yuva Dharshini

Ms. Yuva Dharshini. M (2021MB50)



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Dr.K. Amutha,M.Sc., M.Phil., B.Ed.,Ph.D., Assistant Professor of Department of Mathematics, for the Academic Year 2022-2023.

S. No.	Reg. No.	Name of the Students	Title of the Project
1.	2021MB57	T. Devadharshini	A Study on OZONE
2.	2021MB62	J. Ishwarya	A Study on OZONE
3.	2021MB69	A. Lakshmipriya	A Study on OZONE
4.	2021MB71	J. Maha Alagumathi	A Study on OZONE
5.	2021MB76	E. Poornima	A Study on OZONE
6.	2021MB80	T. Riswana Parveen	A Study on OZONE
7.	2021MB96	M. Noor Mymoon	A Study on OZONE
8.	2021MB97	V. Rajapriya	A Study on OZONE
9.	2021MB108	R. Durgadevi	A Study on OZONE

Project Guide:

18-11-22

Co-Ordinator,
Environmental Studies

Environmental Education – A Study on OZONE
Project submitted to Fatima College (Autonomous), Madurai -18
In Partial Fulfillment of the requirements of the Award of
The Degree of Bachelor of Mathematics

Submitted by

Ms. Devadharshini. T (2021MB57)

Ms. Ishwarya. J (2021MB62)

Ms. Lakshmipriya. A (2021MB69)

Ms. Maha Alagumathi. J (2021MB71)

Ms. Poornima. E (2021MB76)

Ms. Riswana Parveen. T (2021MB80)

Ms. Noor Mymoon. M (2021MB96)

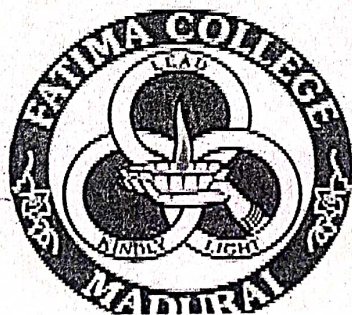
Ms. Rajapriya. V (2021MB97)

Ms. Durgadevi. R (2021MB108)

Under the guidance of

Dr. K. Amutha, M.Sc., M.Phil., B.Ed., Ph.D.,

Assistant Professor



Department of Mathematics
Fatima College (Autonomous)
Madurai 625 018
November 2022

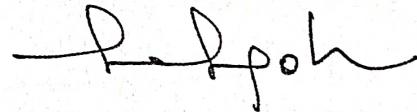
CERTIFICATE

This is to certify that this project entitled. ENVIRONMENTAL EDUCATION-A STUDY ON OZONE submitted by Ms. Devadharshini. T, Ms. Ishwarya. J, Ms. Lakshmipriya. A, Ms. Maha Alagumathi. J, Ms. Poornima. E, Ms. Riswana Parveen. T, Ms. Noor Mymoon. M, Ms. Rajapriya. V, Ms. Durgadevi. R for the Degree of Bachelor of Science is based on the results of studies carried out by them under my guidance and supervision in the Department of Mathematics, Fatima College(Autonomous), Madurai-18. This project has not been submitted elsewhere for any other degree.



Signature of

the Course Teacher



Signature of the

Head of the Department

Place: Madurai

Date : 16.11.2022

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr .K. Amutha M.Sc., M.Phil., B.Ed., Ph.D., Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

T. Devadharshini

Ms. DEVADHARSHINI. T-(2021MB57)

J. Ishwarya

Ms. ISHWARYA. J-(2021MB62)

A. Lakshmi Priya

Ms. LAKSHMIPRIYA. A-(2021MB69)

J. Muthu

Ms. MAHA ALAGUMATHI. J-(2021MB71)

E. Poornima

Ms. POORNIMA. E-(2021MB76)

T. Riswana Parveen

Ms. RISWANA PARVEEN. T-(2021MB80)

N. Noor MyMoon

Ms. NOOR MYMOON. M -(2021MB96)

V. Rajapriya

Ms. RAJAPRIYA. V-(2021MB97)

R. Durgadevi

Ms. DURGADEVI. R-(2021MB108)

Date : 16.11.2022

Station: Madurai



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (Cycle – IV)
Mary Land, Madurai

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Dr.K.Amutha Msc., MPhil., B.Ed., Ph.D Assistant Professor of Department of Mathematics for the Academic Year 2022-2023.

S. No.	Reg. No.	Name of the Students	Title of the Project
1.	2021MB82	V.Selvapraja	Thermal pollution
2.	2021MB91	M.Suvitha	Thermal pollution
3.	2021MB92	S.Swetha	Thermal pollution
4.	2021MB98	S.Sarmila	Thermal pollution
5.	2021MB102	J.Pamina	Thermal pollution
6.	2021MB103	M.Madhumitha	Thermal pollution
7.	2021MB104	C.Surekha	Thermal pollution
8.	2021MB109	A.Mohanapriya	Thermal pollution
9.	2021MB110	A.Thasbihabanu	Thermal pollution

Project Guide:

18.11.22

Co-Ordinator:

Environmental Studies

Environmental Education – A Study on THERMAL POLLUTION

Project submitted to Fatima College (Autonomous), Madurai -18

In Partial Fulfilment of the requirements of the Award of

The Degree of Bachelor of Mathematics

Submitted by

Ms. Selva Praja. V (2021MB82)

Ms. Suvitha. M (2021MB91)

Ms. Swetha. S (2021MB92)

Ms. Sarmila. S (2021MB98)

Ms. Pamina. J (2021MB102)

Ms. Madhu Mitha. M (2021MB103)

Ms. Surekha. C (2021MB104)

Ms. MohanaPriya. A (2021MB109)

Ms. Thasbiha Banu. A (2021MB110)

Under the guidance of

Dr. K. Amutha, M.Sc., M.Phil., B.Ed., Ph.D.,

Department of Mathematics



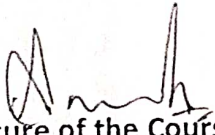
Fatima College (Autonomous)

Madurai 625 018

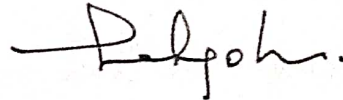
November 2022

CERTIFICATE

This to certify that this project entitled "Environmental Education – A study on Thermal pollution" Submitted by Ms. Selva Praja. V , Ms. Suvitha. M , Ms. Swetha. S , Ms. Sarmila. S , Ms. Pamina. J , Ms. Madhu Mitha. M , Ms. Sureka. C, Ms. MohanaPriya. A , Ms. Thasbiha Banu. A for the degree of Bachelor of Mathematics is based on the result of studies carried out by them under my guidance and supervision in Department of Mathematics, Fatima College(Autonomous), Madurai-18. This project is not submitted elsewhere for any other degree.



Signature of the Course Teacher.



Signature of the Head of the Department

Date : 16.11.2022

Station : Madurai.

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr .K. Amutha M.Sc., M.Phil., B.Ed., Ph.D., Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

V. Selvapraja
Ms. Selva Praja. V (2021MB82)

M. Suvitha.
Ms. Suvitha. M (2021MB91)

S. Swetha
Ms. Swetha. S (2021MB92)

S. Sarmila
Ms. Sarmila. S (2021MB98)

J. Pamina
Ms. Pamina. J (2021MB102)

M. Madhumitha
Ms. Madhu Mitha. M (2021MB103)

C. Surekha
Ms. Surekha. C (2021MB104)

A. Mohanapriya
Ms. MohanaPriya. A (2021MB109)

A. Thasbiha Banu
Ms. Thasbiha Banu. A (2021MB110)

Date : 16.11.2022.

Station : Madurai.



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Dr.K. Amutha,M.Sc., M.Phil., B.Ed.,Ph.D., Assistant Professor of Department of Mathematics, for the Academic Year 2022-2023.

S.No	Reg.No	Name of the Students	Title of the Project
1.	2021MB52	S. Aparna	A Study On Eco-friendly Aesthetics
2.	2021MB63	M. Jayasri	A Study On Eco-friendly Aesthetics
3.	2021MB65	S. Kanchana	A Study On Eco-friendly Aesthetics
4.	2021MB66	N. Karthiga	A Study On Eco-friendly Aesthetics
5.	2021MB67	T. Kavitharshini	A Study On Eco-friendly Aesthetics
6.	2021MB79	C. Ragavi	A Study On Eco-friendly Aesthetics
7.	2021MB83	M. Shobika	A Study On Eco-friendly Aesthetics
8.	2021MB106	R. Ramchitra	A Study On Eco-friendly Aesthetics
9.	2021MB107	R. Sowmiya	A Study On Eco-friendly Aesthetics

Project Guide:

18.11.22

Co-Ordinator:

Environmental Studies

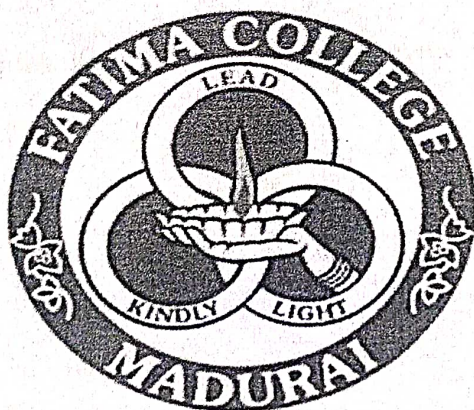
Environment Education - A Study Of Eco-friendly Aesthetics

**Project submitted to Fatima College(Autonomous) Madurai -18 In
Partial Fulfillment of the requirements of the Award of The Degree of
Bachelor of Science in Mathematics**

Submitted By :

**Ms. Aparna.S (2021MB52)
Ms. Jayasri.M (2021MB63)
Ms. Kanchana.S (2021MB65)
Ms. Karthiga. N (2021MB66)
Ms. Kavitharshini.T (2021MB67)
Ms. Ragavi.C (2021MB79)
Ms. Shobika.M (2021MB83)
Ms. Ramchitra.R (2021MB106)
Ms. Sowmiya.R (2021MB107)**

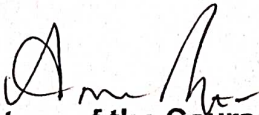
**Under the guidance of
Dr. K. Amutha , Assistant Professor
Department of Mathematics**



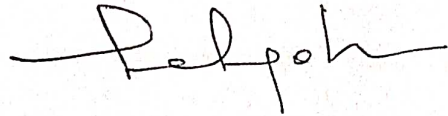
**Fatima College (Autonomous)
Madurai 625 018**

CERTIFICATE

This to certify that this project entitled "ENVIRONMENTAL EDUCATION – A STUDY ON ECO-FRIENDLY AESTHETICS " Submitted by Ms. Aparna. S , Ms. Jayasri. M , Ms. Kanchana. S , Ms. Karthiga. N , Ms. Kavitharshini. T , Ms. Ragavi. C , Ms. Ramchitra. R , Ms. Shobika. M , Ms. Sowmiya. R for the Degree of Bachelor of Science is based on the result of studies carried out by them under my guidance and supervision in Department of Mathematics(SF), Fatima College(Autonomous), Madurai-18. This project is not been submitted elsewhere for any other degree.



Signature of the Course teacher :



Signature of the Head Of Department :

Place : Madurai

Date : 16.11.2022

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr .K. Amutha M.Sc., M.Phil., B.Ed., Ph.D. Department of Mathematics (SF), Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

S. Aparna

Ms. Aparna. S (2021MB52)

M. Jayasri

Ms. Jayasri. M (2021MB63)

S. Kanchana

Ms. Kanchana. S (2021MB65)

N. Karthiga

Ms. Karthiga. N (2021MB66)

T. Kavitharshini

Ms. Kavitharshini. T (2021MB67)

C. Ragavi

Ms. Ragavi. C (2021MB79)

U. Shobika

Ms. Shobika. M (2021MB83)

R. Ramchitra

Ms. Ramchitra. R (2021MB106)

R. Sowmiya

Ms. Sowmiya. R (2021MB107)

Date: 16.11.2022

Station : Madurai



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Dr. K. Amutha , M.Sc. ,M.Phil. ,B.Ed. ,Ph.D., Assistant Professor of Mathematics for the Academic Year 2022-2023.

<u>S. No.</u>	<u>Reg. No.</u>	<u>Name of the Students</u>	<u>Title of the Project</u>
1.	2021MB51	S. Ajitha	A study on Electronic waste
2.	2021MB61	A. Firthous	A study on Electronic waste
3.	2021MB81	V. Rubadharshini	A study on Electronic waste
4.	2021MB85	R. Siva meera	A study on Electronic waste
5.	2021MB87	S. R. Sonashree	A study on Electronic waste
6.	2021MB93	R. Vanisha	A study on Electronic waste
7.	2021MB95	M.Vishvamahalakshimi	A study on Electronic waste
8.	2021MB99	K. JayamShivashangari	A study on Electronic waste
9.	2021MB111	M. Vishnupriya	A study on Electronic waste

Project Guide

18-11-22

Co-Ordinator,

(Environmental Studies)

“Environmental Education- A Study On Electronic waste”

Project submitted to Fatima college (Autonomous), Madurai-18. In Partial Fulfilment of the requirements of the Award of the Degree of the Bachelor of Science in mathematics.

Submitted by;

2021MB51 – S. Ajitha

2021MB61 – A. Firthous

2021MB81 – V. Rubadharshini

2021MB85 – R. Siva meera

2021MB87 – S. R. Sonashree

2021MB93 – R. Vanisha

2021MB95 - M. Vishva mahalakshimi

2021MB99 – K. Jayam Shivashangari

2021MB111 – M. Vishnupriya

Under the guidance of

Dr.K .AMUTHA

Assistant professor



Department of Mathematics

Fatima College (Autonomous)

Madurai-625 018

November 2022

CERTIFICATE

This is to certify that this project entitled, "ENVIRONMENTAL EDUCATION-A STUDY ON ELECTRONIC WASTE" Submitted by S.Ajitha, A.Frithous, V.Rubadharshini. R.Siva meera, S.R.Sona shree, R.Vanisha, M.Vishvamahalakshimi, K.Jayam shivashangari, M.Vishnupriya for the degree of bachelor of science /arts is based on the result of studies carried out by them under my guidance and supervision in the Under graduate Department of Mathematics, Fatima college (Autonomous), Madurai-18. This project has not been submitted elsewhere for any other degree.


Guide

(Dr. AMUTHA)



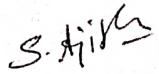
SIGNATURE OF THE HEAD
OF THE DEPARTMENT

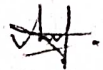
PLACE: Madurai


DATE:16.11.2022

DECLARATION

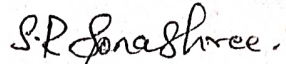
We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr. K. Amutha , M.Sc. ,M.Phil. ,B.Ed. ,Ph.D. ,Assistant Professor. The department of Mathematics, Fatima college (Autonomous) , Madurai-18. And this work has not been submitted elsewhere for any other degree.

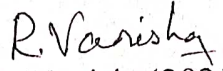

S. Ajitha(2021MB51)

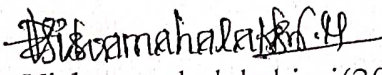

A. Frithous(2021MB61)

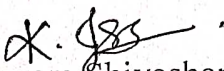

V. Rubadharshini(2021MB81)
R. Sivameera

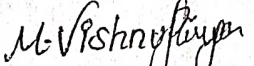
R. Siva meera(2021MB85)


S.R. Sona shree(2021MB87)


R. Vanisha(2021MB93)


M. Vishva mahalakshimi(2021MB95)


K. Jayam Shivashangari(2021MB99)


M. Vishnupriya(2021MB111)

DATE: 16.11.2022

PLACE: MADURAI



FATIMA COLLEGE (AUTONOMOUS)

**Re-Accredited with 'A++' by NAAC (Cycle – IV)
Mary Land, Madurai**

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of **Dr.K.Amutha Msc., M.Phil., B.Ed., Ph.D.,** Assistant Professor of Department of Mathematics for the Academic Year 2022-2023.

S. No.	Reg. No.	Name of the Students	Title of the Project
1.	2021MB53	S.Atchaya	Disaster Management
2.	2021MB56	A.Deepika	Disaster Management
3.	2021MB73	I.Muneeswari	Disaster Management
4.	2021MB74	S.Nagarathinam	Disaster Management
5.	2021MB77	K.Pragatheeswari	Disaster Management
6.	2021MB90	V.Sujitha	Disaster Management
7.	2021MB100	R.Abirami	Disaster Management
8.	2021MB101	M.Hema	Disaster Management
9.	2021MB105	P.Vidhya Sree	Disaster Management

Project Guide:

18.11.2022

Co-Ordinator:

Environmental Studies

Environmental Education – A study on Disaster Mangement

**Project submitted by Fatima college (Autonomous), Madurai-18 In Partial Fulfilment of
the requirement of the Awards of the degree of bachelor of Science in Mathematics**

Submitted by

Ms. S . Atchaya 2021MB53

Ms. A . Deepika 2021MB56

Ms. I . Muneeswari 2021MB73

Ms. S. Nagarathinam 2021MB74

Ms. K . Pragatheeswari 2021MB77

Ms.V. Sujitha 2021MB90

Ms. R . Abirami 2021MB100

Ms. M . Hema 2021MB101

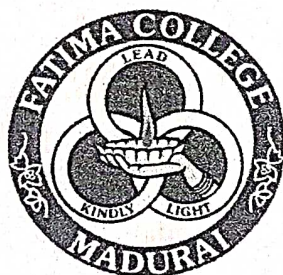
Ms. P . Vidhya sree 2021MB105

Under the guidance of

Dr. K . Amutha , M.sc., M.Phil., B.Ed., Ph.D

Assistance professor

The Department of Mathematics



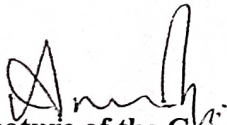
Fatima college (Autonomous)

Maduari 625 018

November 2022

CERTIFICATE

This is to certify that this project entitled . ENVIRONMENTAL EDUCATION - DISASTER MANAGEMENT submitted by Ms . S.Atchaya , Ms . A . Deepika , Ms. I. Muneeswari , Ms. K . Pragatheeswari , Ms. S. Nagarathinam , Ms. V.Sujitha , Ms. R. Abirami , Ms . M . Hema , Ms. P. Vidhya Sree for the Degree of Bachelor of Arts is based on the results of studies carried out by them under my guidance and supervision in the Department of Maths (SF). Fatima College (Autonomous), Madurai-18. This project has not been submitted elsewhere for any other degree.



Signature of the Course Teacher



Signature of the Head of the Department

Place: Madurai

Date: 16.11.2022

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of **Dr. K. Amutha Msc., M.Phil., B.Ed., Ph.D.,** Department of Mathematics Fatima college (Autonomous), Madurai -18 and this work has not been submitted elsewhere for any other degree .

S. Atchaya

Ms. S. Atchaya (2021MB53)

A. Deepika

Ms. A . Deepika (2021MB56)

I. Munees

Ms. I .Muneeswari (2021MB73)

S. Nagarathinam

Ms. S. Nagarathinam(2021MB74)

K. Pragatheeswari

Ms. K.Pragatheeswari(2021MB77)

V. Sujitha

Ms.V. Sujitha(2021MB90)

R. Abirami

Ms .R .Abirami (2021MB100)

M. Hema

Ms. M .Hema (2021MB101)

P. Vidhya Sree

Ms. P. Vidhya Sree (2021MB105)

Date : 16.11.2022

Station : Madurai

ENVIRONMENTAL EDUCATION – EX- SITU CONSERVATION

A Project submitted to Fatima College (Autonomous), Madurai-18 in
partial fulfillment of the requirements of the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

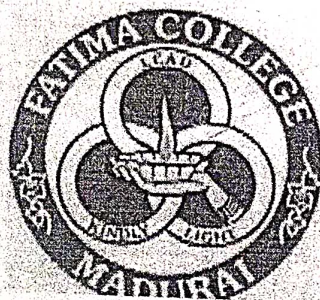
Ms. Monisha.K (2021MB22)
Ms. Murugeswari.G (2021MB23)
Ms. Nasreen Nilopher.J (2021MB24)
Ms. Nivethitha.T (2021MB25)
Ms. Pradhikshaa.M (2021MB26)
Ms. Praveena.D (2021MB27)

Under the guidance of

Mrs. J. Annaal Mercy

Assistant Professor

Department of Mathematics(SF)



Fatima College (Autonomous)

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai-625 018, Tamilnadu.

November 2022



FATIMA COLLEGE (AUTONOMOUS}

Re-Accredited with 'A++' Grade by NAAC (Cycle-IV)

Mary Land, Madurai.

To Whomsoever It May Concern

This is to certify that the following students have completed their student project work under the guidance of Mrs. J. Annaal Mercy, Assistant Professor of Mathematics for the Academic Year 2021-2022.

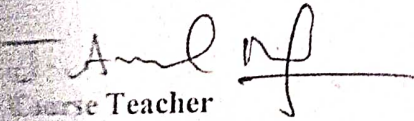
S.No	Reg.No.	Name of the Students	Title of project
1.	2021MB22	Monisha.K	EX-SITU Conservation
2.	2021MB23	Murugeswari.G	EX-SITU Conservation
3.	2021MB24	Nasreen Nilopher.J	EX-SITU Conservation
4.	2021MB25	Nivethitha.T	EX-SITU Conservation
5.	2021MB26	Pradhikshaa.M	EX-SITU Conservation
6.	2021MB27	Praveena.D	EX-SITU Conservation

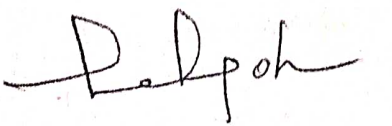
J. Annaal Mercy
Project Guide

Co-Ordinator,
Environmental Studies

CERTIFICATE

This to certify that this project entitled, ENVIRONMENTAL EDUCATION-
EX-SITU CONSERVATION submitted by Ms. Monisha.K, Ms.
Marugeshwari.G , Ms. Nasreen Nilopher.J, Ms. Nivethitha.T, Ms. Pradhikshaa.
M. Ms. Praveena.D for the degree of Bachelor of Science is based on the
result of studies carried out by them under my guidance and supervision in
Department of Mathematics (SF), Fatima college (Autonomous), Madurai -18.
This project is not submitted elsewhere for any other degree .


Course Teacher


Signature of the Head of the Department

Place: Madurai

Date: 18-11-22

DECLARATION

We hereby declare that this work has been originally carried out by us under the guidance and supervision of Mrs. J. Annaal Mercy, M.Sc., B.Ed., M. Phil., SET, (P.D.), Assistant Professor, Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other purpose.

Date :18.11.2022

Place : Madurai

Monisha.K
Ms. Monisha.K (2021MB22)

G. Murugeswari
Ms. Murugeswari.G (2021MB23)

Nasreen Nilopher.J.
Ms. Nasreen Nilopher. J (2021MB24)

Nivethitha.T
Ms. Nivethitha.T (2021MB25)

Pradhiksha.M
Ms. Pradhiksha.M (2021MB26)

Praveena.D
Ms. Praveena.D (2021MB27)