

“ENVIRONMENTAL EDUCATION-“A STUDY ON ENVIRONMENTAL POLLUTION ”

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

In Partial Fulfillment of the requirements of the Award of the Degree of

Bachelor of Commerce (SF).

SUBMITTED BY

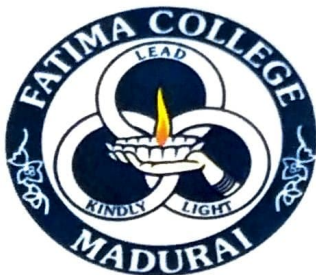
MS.AARTHI.K	(2020AC01)
MS.AJEETHA.A	(2020AC04)
MS.HARINI.S	(2020AC15)
MS.MAHASIVASAKTHI.L	(2020AC24)
MS.MANISHA.R	(2020AC25)
MS.SOBANA DEVI.C	(2020AC48)

Under the Guidance of

MRS.S.RAJA RAJESWARI, MCA., M.Phil., Ph.D.,

ASSISTANT PROFESSOR

DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION



FATIMA COLLEGE [AUTONOMOUS]

Re-Accredited with A++ Grade by NAAC (4th cycle)

College with Potential for Excellence(2004-2019)

74th Rank in India Ranking 2020(NIRF) by MHRD

Mary Land, Madurai-625 018, Tamil Nadu.

June 2022

CERTIFICATE

This is to Certify that this project entitled “**ENVIRONMENTAL EDUCATION-“A STUDY ON ENVIRONMENTAL POLLUTION ”** Submitted by Ms.AARTHI.K , Ms.AJEETHA.A, Ms.HARINIS, Ms.MAHASIVASAKTHIL, Ms.MANISHA.R, Ms.SOBANA DEVI.C for the Degree of Bachelor of Commerce based on the result of studies Carried out by them under my guidance and supervision in the under graduate, Department of Commerce (SF). Fatima College (Autonomous),Madurai-18.This project has not been submitted elsewhere for any other degree.

Date : 02/06/2022.

Place: Madurai.

GUIDE



(MRS.S.RAJA RAJESWARI) Assistant professor
Department of computer application
Fatima college (Autonomous)
Madurai-625018

DECLARATION

We are hereby declare that this work has been carried originally by us under the guidance and supervision of Mrs.S.RAJA RAJESWARI, Professor of environmental education, Fatima college (Autonomous). Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date :02/06/2022.

Place: Madurai.



AARTHI.K – 2020AC01



AJEETHA.A- 2020AC04



HARINI.S-2020AC15



MAHASIVASAKTHI.L-2020AC24



MANISHA.R -2020AC25



SOBANA DEVI.C- 2020AC48

ENVIRONMENTAL EDUCATION – “THE ENVIRONMENTAL SURROUNDINGS”

Project submitted to Fatima College (Autonomous), Madurai – 18.

In Partial Fulfillment of the requirements of the Award of the Degree of Bachelor of Commerce (SF)

SUBMITTED BY

Ms. ABINAYA SARASWATHI. M	2020AC02
Ms. GLORY PRAISE KIRUBA.P	2020AC13
Ms. KEERTHANA.P	2020AC19
Ms. KIRITHIKA.T	2020AC21
Ms. MADHU PREETHA.N.	2020AC23
Ms. MATTUMITHA.P	2020AC28
Ms. NAGA ABIRAMI.M	2020AC29
Ms. THEEKSHIDHA.R	2020AC56

Under the Guidance of

Dr. S. RAJA RAJESWARI, MCA., M.Phil.,(Ph. D.,)

Assistant professor

Department of Commerce with Computer Application



FATIMA COLLEGE [AUTONOMOUS]

Re-Accredited with ‘A++’ Grade by NAAC (4th cycle)

College with Potential for Excellence (2004-2019)

74th Rank in India Ranking 2020(NIRF) by MHRD

Mary Land, Madurai – 625 018, Tamil Nadu

June 2022

CERTIFICATE

This is to Certify that this project entitled “**THE ENVIRONMENTAL SURROUNDINGS**” Submitted by Ms. ABINAYA SARASWATHI. M(2020AC02), Ms. GLORY PRAISE KIRUBA.P(2020AC13), Ms. KEERTHANA.P(2020AC19), Ms. KIRITHIKA.T(2020AC21), Ms. MADHU PREETHA.N(2020AC23), Ms. MATTUMITHA.P (2020AC28), Ms. NAGA ABIRAMI.M (2020AC29), Ms. THEEKSHIDHA.R (2020AC56).A for the Degree of Bachelor of Commerce based on the result of studies Carried out by them under my guidance and supervision in the under graduate, Department of Commerce (SF). Fatima College (Autonomous),Madurai-18.This project has not been submitted elsewhere for any other degree.

Date : 02.06.2022

PLACE : Madurai.



GUIDE

Mrs. S.RAJA RAJESWARI, MCA., M.Phil., (Ph. D)

Assistant professor

Department of Commerce with Computer Application

Fatima college (Autonomous)

Madurai-625018

DECLARATION

We are hereby declare that this work has been carried originally by us under the guidance and supervision of Mrs. S. RAJA RAJESWARI, MCA., M.Phil., (Ph. D,) Assistant Professor, Department of Commerce with Computer Applications Fatima college (Autonomous). Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date : 02.06.2022

PLACE : Madurai.

Ms. ABINAYA SARASWATHI . M (2020AC02)

M. Abinaya Saraswathi

Ms. GLORY PRAISE KIRUBA.P(2020AC13)

Glory Praise Kiruba

Ms. KEERTHANA.P(2020AC19)

Keerthana P

Ms. KIRITHIKA.T(2020AC21)

Kirithika T

Ms. MADHU PREETHA.N(2020AC23)

N. Madhu

Ms. MATTUMITHA.P (2020AC28)

Mattumitha P

Ms. NAGA ABIRAMI.M (2020AC29)

N. Abirami

Ms. THEEKSHIDHA.R (2020AC56)

Theekshidha R

**ENVIRONMENTAL AWARENESS- CLIMATE CHANGE
DOCUMENTATION**

Project submitted to Fatima College (Autonomous), Madurai -18
In Partial Fulfilment of the requirements of the Award of the Degree of Bachelor
of Commerce

Submitted By

AGAI YA C	2020AC03
ANANTHI V	2020AC07
ANTONY PRINCY C	2020AC09
LAKSHMINARASU R	2020AC22
ROSHINI M.B	2020AC39
VASIMA BANU S	2020AC58

Under the Guidance of

Mrs. S. RAJA RAJESWARI, MCA, M.Phil., (Ph.D)

Assistant professor

DEPARTMENT OF COMMERCE (SF)



FATIMA COLLEGE (Autonomous)

MADURAI 625 018

MAY, 2022.

CERTIFICATE

This is to certify that this project is entitled "ENVIRONMENTAL AWARENESS – CLIMATE CHANGE DOCUMENTATION" submitted by the *Ms. C. AGALYA, Ms. V. ANANTHI, Ms. A. ANTONY PRINCY, Ms. R. LAKSHIMI NARASU, Ms. M. B. ROSHINI, Ms. S. VASIMA BANU* for the degree of bachelor of commerce is based on the result of studies carried out by them under my guidance and supervision in the Under Graduate Department of Commerce (sf), Fatima College (Autonomous), Madurai-18. This project has not been submitted elsewhere for any other degree.

Date: 02.06.2022

Station: Madurai.



Guide

Mrs. S. RAJA RAJESWARI,

Assistant Professor,

Department of Commerce(SF),

Fatima College (Autonomous),

Madurai – 625 018.

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervisions of Mrs. S. Raja Rajeswari, MCA, M.Phil., Ph.D in the Under Graduate Department of Commerce (SF), Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 02.06.22.

Station: Madurai.

NAMES	REG.NO
Ms. AGALYA.C C. Agalya	2020AC03
Ms. ANANTHI.V V. Ananthi	2020AC07
Ms. ANTONY PRINCY.A A. Antony Princy	2020AC09
Ms. LAKSHIMI NARASU.R R. Lakshmi Narasu	2020AC22
Ms. ROSHINI.M.B M. B Roshini	2020AC39
Ms. VASIMA BANU.S S. Vasima Banu	2020AC58

ENVIRONMENTAL EDUCATION - WOMEN SAFETY

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

In Partial Fulfilment of the requirements of the Award of the Degree of Bachelor of Commerce

Submitted by

REG. NO	NAME
2020AC05	Ms. AMALA REETA.K
2020AC14	Ms. HARINEE.A.S
2020AC20	Ms. KEERTHANA.R
2020AC32	Ms. PAVITHRA.I
2020AC34	Ms. PRIYADHARSHNI.S
2020AC62	Ms. VAISHNAVI.V

Under the Guidance of

Mrs. S. RAJA RAJESWARI, M.C.A. M.Phil., (Ph.D)



DEPARTMENT OF COMMERCE (SF)

FATIMA COLLEGE (Autonomous)

MADURAI- 625018,

JUNE, 2022.

CERTIFICATE

This is to certify that this project is entitled “**ENVIRONMENTAL AWARENESS –A STUDY ON WOMENS SAFETY**” submitted by Ms. K. AMALA REETA, Ms. A.S. HARINEE, Ms. R. KEERTHANA, Ms. I. PAVITHRA, Ms. S. PRIYADHARSHNI, and Ms. V. VAISHNAVI for the degree of bachelor of commerce is based on the result of studies carried out by them under my guidance and supervision in The Research Centre of Commerce, Fatima College (Autonomous), Madurai-18. This project has not been submitted elsewhere for any other degree.

Date :

Place : Madurai

Guide



(Mrs. S. Raja Rajeswari)

Assistant Professor,

Department of Commerce

Fatima College (Autonomous),

Madurai- 625 018.

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervisions of Mrs. S. RAJA RAJESWARL MCA M Phil, (Ph.D) in The Research Centre of Commerce, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree

DATE:

PLACE:

K Amala Reeta

Ms. K. AMALA REETA(2020AC05)

A.S. Harinee

Ms. A.S. HARINEE (2020AC14)

R Keerthana

Ms. R. KEERTHANA (2020AC20)

I. Pavithra

Ms. I. PAVITHRA (2020AC32)

S. Priyadharsini

Ms. S.PRIYADHARSHNI (2020AC34)

V. Vaishnavi

Ms. V. VAISHNAVI (2020AC62)

ENVIRONMENTAL EDUCATION –WOMEN EDUCATION

A Project submitted to Fatima college (Autonomous), Madurai-18.

In Partial Fulfilment of the requirements of the Award of

BACHELOR OF COMMERCE SF

Submitted by

MS. AMSA.R	2020AC06
MS. CATHRIN MARY.S	2020AC11
MS. JABA NIBISHA.P	2020AC17
MS. MANONMANI.R	2020AC26
MS. RAMYA PRIYA.T	2020AC36
MS. SIBERLA.C	2020AC45

Under the Guidance of

MRS.S. RAJA RAJESWARI, MCA., M.Phil., (Ph.D)

ASSISTANT PROFESSOR

DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION



Fatima college [Autonomous]

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with Potential for Excellence (2004- 2019)

74th Rank in India Ranking 2020 (NIRF) by MHRD

Mary Land, Madurai – 625018, Tamil Nadu.

JUNE 2022

CERTIFICATE

This is to certify that this project entitled **“WOMEN EDUCATION”** Submitted by Ms. Amsa.R, Ms. Cathrin Mary.S, Ms. Jaba Nibisha.P, Ms. Manonmani.R, Ms. Ramya Priya.T, Ms. Siberla.C, for the degree of bachelor of commerce sf is based on the result of studies carried out by them under my guidance and supervision in the Under Graduate Department of Commerce SF, Fatima college(Autonomous), Madurai – 18. This project has not been submitted elsewhere for any other degree.



GUIDE

Date: 02.06.2022

Place: Madurai

(MRS.S. RAJA RAJESWARI)

Assistant Professor,

Department of commerce with Computer Application

Fatima College (Autonomous),

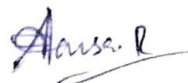
Madurai-625 018.

DECLARATION

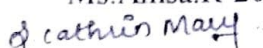
We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Mrs.S.RAJARAJESWARI, Assistant Professor, Department of Commerce with Computer Application, Fatima college (Autonomous), Madurai – 18 and this work has not been submitted elsewhere for any other degree.

Date: 02.06.2022

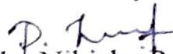
Place: Madurai



Ms.Amsa.R-2020AC06



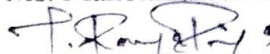
Ms. Cathrin Mary.S-2020AC11



Ms. Jaba Nibisha.P -2020AC17



Ms. Manonmani.R-2020AC26



Ms.Ramya Priya.T-2020AC36



Ms. Siberla.C-2020AC45

ENVIRONMENTAL EDUCATION - ECOSYSTEM

A Project submitted to Fatima college (Autonomous)
in Partial Fulfilment of the requirements of the Award of

BACHELOR OF COMMERCE SF

Submitted by

ANJALI.M	2020AC08
BHARATHI PRIYA.S	2020AC10
HARSHITHA.K	2020AC16
JULIET PREETHI.B	2020AC18
MARIS SWETHA.G	2020AC27
VARSHINI.M	2020AC57

Under the Guidance of

MRS .S. RAJA RAJESWARI , MCA. M.Phil., (Ph.D)

ASSISTANT PROFESSOR

DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATIONS



Fatima college [Autonomous]

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with Potential for Excellence (2004- 2019)

74th Rank in India Ranking 2020 (NIRF) by MHRD Mary

Land , Madurai – 625018 , Tamil nadu.

JUNE 2022

CERTIFICATE

This is to certify that this project entitled "**ECOSYSTEM**" Submitted by Ms. M.Anjali, Ms. S.Bharathi priya, Ms. K.Harshitha , Ms. B.Juliet preethi , Ms. G.Maris swetha, Ms. M.varshini , for the Degree of Bachelor of Commerce SF is based on the result of studies carried out by them under my guidance and supervision in the Under Graduate Department of Commerce SF, Fatima college (Autonomous), Madurai – 18. This project has not been submitted elsewhere for any other degree.



GUIDE

Date : 02.06.2022

Place: Madurai

(**MRS .S. RAJA RAJESWARI**)

Assistant Professor,
Department of commerce with Compute Applications,
Fatima College (Autonomous),
Madurai-625 018.

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Mrs.S.RAJA RAJESWARI , Assistant Professor, Department of Commerce with Computer Applications, Fatima college(Autonomous) , Madurai – 18 and this work has not been submitted elsewhere for any other degree .

Date : 02.06.2022

Place : Madurai

M. Anjali

Ms.ANJALI.M -2020AC08

Bharathi Priya .S.

Ms. BHARATHI PRIYA.S-2020AC10

Harshitha .K

Ms.HARSHITHA.K - 2020AC16

Juliet Preethi .B

Ms. JULIET PREETHI.B - 2020AC18

Maris Swetha .G

Ms.MARIS SWETHA.G -2020AC27

Varshini .M

Ms. VARSHINI.M -2020AC57

ECOSYSTEM

Project submitted to Fatima college (Autonomous) , Madurai – 18

In Partial Fulfilment of the requirements of the Award of

The Degree of Bachelor of Commerce SF

Submitted by

DHURGA SELVI .S	2020AC12
NIVETHA. M	2020AC31
POORANI .R	2020AC33
SHREYA VARTHANE .S	2020AC43
SWETHA.R	2020AC52
THAVASAKTHI. P	2020AC55
SIVARANJANI .I	2020AC61

Under the Guidance of

MRS .S. RAJA RAJESWARI



DEPARTMENT OF COMMERCE SF

FATIMA COLLEGE (Autonomous)

MADURAI – 625018

JUNE 2022

CERTIFICATE

This is to certify that this project entitled "**ECOSYSTEM**" Submitted by Ms. S.Dhurgaselvi, Ms. M.Nivetha, Ms. R.Poorani , Ms. S.Shreya varthane , Ms.R.Swetha, Ms. P.Thavasakthi , Ms. I.Sivaranjani , for the degree of bachelor of commerce sf is based on the result of studies carried out by them under my guidance and supervision in the Under Graduate Department of Commerce sf , Fatima college (Autonomous), Madurai – 18. This project has not been submitted elsewhere for any other degree.



GUIDE

Date : 02.06.2022

Station : Madurai

(MRS .S. RAJA RAJESWARI)

Assistant Professor,

Department of commerce with Computer

Application

Fatima College (Autonomous),

Madurai-625 018.

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Mrs.S.RAJA RAJESWARI , Assistant Professor, Department of Commerce with computer application, Fatima college (Autonomous) , Madurai – 18 and this work has not been submitted elsewhere for any other degree .

DATE : 02.06.2022

Station : Madurai

S. Dhurgaselvi

Ms.DHURGASELVI .S -2020AC12

M. Nivetha

Ms. NIVETHA.M -2020AC31

R. Poorani

Ms. POORANI, R - 2020AC33

S. Shreyaswathi

Ms. SHREYA VARTHANE.S - 2020AC43

R. Swetha

Ms. SWETHA. R -2020AC52

P. Thavasakthi

Ms. THAVASAKTHI, P -2020AC52

I. Sivaranjani

Ms.SIVARANJANI.I -2020AC61

ACKNOWLEDGEMENT

First and foremost, we thank God almighty the creator and soul provider of the university, without him our work could not have been a success.

We wish to acknowledge our sincere gratitude to,

Our Principal Rev. Dr . Sr. G. Celine Sahayamary, MBA, FDP., Ph.D for having extended all facilities in the college towards the completion of our course.

We extend our sincere gratitude to Dr . M. Arasammal, M.Com., B.Ed., M.Phil., Ph.D the head of the Department with computer application for her encouragement throughout the preparation of this project.

We owe our special thanks to Mrs.S. Raja Rajeshwari, M.C.A., M.Phil., (Ph.D) for her guidance and encouragement during the preparation till the completion of this research.

Deepest appreciation to all our friends, thank you for being there for us to encourage always.

LIST OF CONTENTS

CHAPTER	TOPIC	PG.NO
1	INTRODUCTION	8
2	COMPONENTS OF ECOSYSTEM	9
3	FUNCTIONS OF ECOSYSTEM	15
3.1	ENERGY FLOW IN THE ECOSYSTEM	15
3.2	FOOD CHAIN	16
3.3	FOOD WEB	17
3.4	ECOLOGICAL PYRAMIDS	19
4	IMPORTANCE OF ECOSYSTEM	21
5	TYPES OF ECOSYSTEM	22
5.1	AQUATIC ECOSYSTEM	22
5.2	TERRESTIAL ECOSYSTEM	29
6	WHAT WILL BE THE IMPACT OF ECOSYSTEM DESTRUCTION ?	39
7	AIMS AND SCOPE	40

8	CASE STUDIES IN THE ECOSYSTEM MANAGEMENT	41
9	CONCLUDING NOTES ON THE CASE STUDIES	44
10	CONCLUSION	45
11	REFERENCE	46
12	QUESTIONNAIRE ABOUT ECOSYSTEM	47

ENVIRONMENTAL EDUCATION – Women Empowerment

A Project submitted to Fatima college (Autonomous) in Partial

Fulfilment of the requirements of the Award of

BACHELOR OF COMMERCE SF

Submitted by

NIROSHINI.K	2020AC30
RENUGA DEVI.P	2020AC37
SURYA DEVI.P	2020AC50
DHARSHINI NANTHITHA.M	2020AC60
SARU PRABHA.R	2020AC63

Under the Guidance of

MRS .S. RAJA RAJESWARI , MCA. M.Phil., (Ph.D)

ASSISTANT PROFESSOR

**DEPARTMENT OF COMMERCE WITH COMPUTER
APPLICATIONS**



Fatima college [Autonomous]

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with Potential for Excellence (2004- 2019)

**74th Rank in India Ranking 2020 (NIRF) by MHRD Mary Land
, Madurai – 625018 , Tamil nadu.**

JUNE 2022

CERTIFICATE

This is to certify that this project entitled "Women Empowerment" Submitted by Ms. Niroshini.K, Ms.Renuga Devi.P, Ms.Surya Devi.P , Ms. Dharshini Nanthitha. M, Ms.Saru Prabha.R,for the Degree of Bachelor of Commerce SF is based on the result of studies carried out by them under my guidance and supervision in the Under Graduate Department of Commerce SF, Fatima college (Autonomous), Madurai – 18. This project has not been submitted elsewhere for any other degree.


GUIDE

Date : 02.06.2022

Place: Madurai

(MRS .S. RAJA RAJESWARI)

Assistant Professor,
Department of commerce with Compute Applications,
Fatima College (Autonomous),
Madurai-625 018.

DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Mrs.S.RAJA RAJESWARI , Assistant Professor, Department of Commerce with Computer Applications, Fatima college (Autonomous) , Madurai – 18 and this work has not been submitted elsewhere for any other degree .

Date : 02.06.2022

Place : Madurai

Ms.NIROSHINI.K- 2020AC30 K. Niroshini

Ms.RENUGA DEVI.P-2020AC37 P. Renuga devi

Ms.SURYA DEVI.P- 2020AC50 P. Suriyadevi

Ms.DHARSHINI NANTHITHA.M -2020AC60 M. Dharshini
Nanthitha.

Ms.SARU PRABHA.R-2020AC63 R. Saruprabha

"THE ENVIRONMENTAL EDUCATION" - A STUDY ON "EVE TEASING"

A Project submitted to Fatima College (Autonomous) in Partial
Fulfilment of the requirements of the Award of
Bachelor of Commerce (SF).

SUBMITTED BY

RITHISWARLS	2020AC38
ROSHINLA	2020AC40
SANGEETHA.K	2020AC42
SNEHA.P	2020AC47
SOWMIYA. M	2020AC49
SUSI.T	2020AC51

Under the Guidance of

Dr. S. RAJA RAJESAWARI, MCA., M.Phil., (Ph. D)
ASSISTANT PROFESSOR
DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATIONS



Fatima college [Autonomous]

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with Potential for Excellence (2004- 2019)

74th Rank in India Ranking 2020 (NIRF) by MHRD

Mary Land , Madurai – 625018 , Tamil nadu.

June 2022

CERTIFICATE

This is to Certify that this project entitled “**EVE TEASING**” Submitted by Ms.Rithiswari.S, Ms.Roshini.A, Ms.Sangeetha.K ,Ms.Sneha.P ,Ms.Sowmiya.M ,Ms.Susi.T for the Degree of Bachelor of Commerce based on the result of studies Carried out by them under my guidance and supervision in the under graduate, Department of Commerce (SF). Fatima College (Autonomous),Madurai-18.This project has not been submitted elsewhere for any other degree.

Date: 02.06.2022
Place:Madurai.



GUIDE

(Dr.S.RAJA RAJESWARI)
Assistant Professor,
Department of Commerce with Computer Applications,
Fatima College(Autonomous)
Madurai-625018.

DECLARATION

We are hereby declare that this work has been carried originally by us under the guidance and supervision of Dr. S. RAJA RAJESHAWARI, MCA., M.Phil., Ph. D, Professor of Environmental awareness, Fatima college (Autonomous). Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date:02.06.2022

Place:. Madurai

S. Rithiswari

Mrs.Rithiswari.S -2020AC38

A. Roshini

Ms.Roshini.A -2020AC40

K. Sangeetha

Ms.Sangeetha.K -2020AC42

P. Sneha

Ms.Sneha.P -2020AC47

M. Sowmiya

Ms.Sowmiya.M -2020AC49

T. Susi

Ms.Susi.T -2020AC51