## LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms.Abinaya Dhasnevis.I Ms.Adaikala Deepa.J, Ms.Anitha.A, Ms.Jenifar Francia.S, Ms.Jose Francia Rinolin.J, Ms.Kalaivani.G, Ms.Logatheetchana.U, Ms.Shanthini.R, Ms.Suruthi.V, Ms. Sandhiya.M for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# **WASTE MANAGEMENT**

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

### LIMNOLOGY AND ENERGY

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DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

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J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
2019M28	V. KARUNYA
2019M29	S. KIRUTHIKA
2019M45	M. RENUGA
2019M48	R. SANDIYA
2019M51	K. SARANYA
2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "SPECIES EXTINCTION" submitted

by J.Anansiya. S.Anisa, J.Divya Teresa, R.Iniya, V.Karunya, S.Kiruthika,

M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

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Dr.V.Vanitha Assistant Professor,

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- J. DIVYA TERESA
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- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
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2019M55	H. SRILAKSHMI

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DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

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### LIMNOLOGY AND ENERGY

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Under the Guidance of

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DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

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Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# **WASTE MANAGEMENT**

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

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2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

Date: 26.03.21

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P
2019M35	MERIN ROSE. C
2019M43	RAMYA. R
2019M50	SARA ALAGANANDAM
2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

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DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

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## **SPECIES EXTINCTION**

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# Submitted By

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
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Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

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DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

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- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# **DISASTER MANAGEMENT**

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

201	19M20	JASMINE.A
201	19M41	PUNITHA CATHERINE HILDA. B
201	19M44	REENU JOSE JENIFER. J
201	19M53	SHALINI. R
201	19M58	SUDHA.K
201	19M60	TARCY VIRGINA. A
201	19M63	JENIFERRANI. R
201	19M65	MICHLINE SOWMIYA. M
201	19M69	HARSHANA. P.B
201	19M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance

and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima

College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

## LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms.Abinaya Dhasnevis.I, Ms.Adaikala Deepa.J, Ms.Anitha.A, Ms.Jenifar Francia.S, Ms.Jose Francia Rinolin.J, Ms.Kalaivani.G, Ms.Logatheetchana.U, Ms.Shanthini.R, Ms.Suruthi.V, Ms. Sandhiya.M for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# WASTE MANAGEMENT

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

Date: 26.03.21

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

## **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P

MERIN ROSE. C

2019M43 RAMYA. R

2019M50 SARA ALAGANANDAM 2019M54 SHREE YAZHINI. K.S

2019M71 SRUTHI. R

2019M35

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

RAMYA. R

SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R

## LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms. Abinaya Dhasnevis. I, Ms. Adaikala Deepa. J, Ms. Anitha. A, Ms. Jenifar Francia. S. Ms. Jose Francia Rinolin. J, Ms. Kalaivani. G, Ms. Logatheetchana. U, Ms. Shanthini. R, Ms. Suruthi. V, Ms. Sandhiya. M for the degree of Bachelor of Science in 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.

Date: 26.03.21

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Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

## LIMNOLOGY AND ENERGY

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

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Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms. Abinaya Dhasnevis. I, Ms. Adaikala Deepa. J, Ms. Anitha. A, Ms. Jenifar Francia. S, Ms. Jose Francia Rinolin. J, Ms. Kalaivani. G, Ms. Logatheetchana. U, Ms. Shanthini. R, Ms. Suruthi. V, Ms. Sandhiya. M for the degree of Bachelor of Science in 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.

Date: 26.03.21

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Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P
2019M35	MERIN ROSE. C
2019M43	RAMYA. R
2019M50	SARA ALAGANANDAM
2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

RAMYA. R

SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
2019M28	V. KARUNYA
2019M29	S. KIRUTHIKA
2019M45	M. RENUGA
2019M48	R. SANDIYA
2019M51	K. SARANYA
2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "SPECIES EXTINCTION" submitted

by J.Anansiya, S.Anisa, J.Divya Teresa, R.Iniya, V.Karunya, S.Kiruthika,

M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

Dr.V.Vanitha Assistant Professor,

Department of Mathematics

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai

- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
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2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "SPECIES EXTINCTION" submitted

by J.Anansiya, S.Anisa, J.Divya Teresa, R.Iniya, V.Karunya, S.Kiruthika,

M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

Science in Mathematics is based on the result of studies carried out by them under

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(Autonomous), Madurai-18. This project is not submitted elsewhere for any other

degree.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

Dr.V.Vanitha Assistant Professor,

Department of Mathematics

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Date: 26.03.21

Station: Madurai

- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

### LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms. Abinaya Dhasnevis. I, Ms. Adaikala Deepa. J, Ms. Anitha. A, Ms. Jenifar Francia. S, Ms. Jose Francia Rinolin. J, Ms. Kalaivani. G, Ms. Logatheetchana. U, Ms. Shanthini. R, Ms. Suruthi. V, Ms. Sandhiya. M for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# WASTE MANAGEMENT

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# WASTE MANAGEMENT

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2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# **ENVIRONMENTAL DISASTER**

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

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2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P
2019M35	MERIN ROSE. C
2019M43	RAMYA. R
2019M50	SARA ALAGANANDAM
2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C. Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

RAMYA. R

SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet. R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

Date: 26.03.21

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# WASTE MANAGEMENT

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A
2019M41	PUNITHA CATHERINE HILDA. B
2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
2019M58	SUDHA.K
2019M60	TARCY VIRGINA. A
2019M63	JENIFERRANI. R
2019M65	MICHLINE SOWMIYA. M
2019M69	HARSHANA. P.B
2019M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima

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other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P
2019M35	MERIN ROSE. C
2019M43	RAMYA. R
2019M50	SARA ALAGANANDAM
2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

RAMYA. R

SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A
2019M41	PUNITHA CATHERINE HILDA. B
2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
2019M58	SUDHA.K
2019M60	TARCY VIRGINA. A
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2019M65	MICHLINE SOWMIYA. M
2019M69	HARSHANA. P.B
2019M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

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College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

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JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
2019M28	V. KARUNYA
2019M29	S. KIRUTHIKA
2019M45	M. RENUGA
2019M48	R. SANDIYA
2019M51	K. SARANYA
2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "SPECIES EXTINCTION" submitted

by J.Anansiya, S.Anisa, J.Divya Teresa, R.Iniya, V.Karunya, S.Kiruthika,

M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

Dr.V.Vanitha Assistant Professor,

Department of Mathematics

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Date: 26.03.21

Station: Madurai

- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari for the degree of Bachelor of Science in 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.

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Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
2019M28	V. KARUNYA
2019M29	S. KIRUTHIKA
2019M45	M. RENUGA
2019M48	R. SANDIYA
2019M51	K. SARANYA
2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "SPECIES EXTINCTION" submitted

by J.Anansiya, S.Anisa, J.Divya Teresa, R.Iniya, V.Karunya, S.Kiruthika,

M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

Dr.V.Vanitha Assistant Professor,

Department of Mathematics

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Date: 26.03.21

Station: Madurai

- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

### LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms.Abinaya Dhasnevis.I, Ms.Adaikala Deepa.J, Ms.Anitha.A, Ms.Jenifar Francia.S, Ms.Jose Francia Rinolin.J, Ms.Kalaivani.G, Ms.Logatheetchana.U, Ms.Shanthini.R, Ms.Suruthi.V, Ms. Sandhiya.M for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
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2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

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SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
2019M28	V. KARUNYA
2019M29	S. KIRUTHIKA
2019M45	M. RENUGA
2019M48	R. SANDIYA
2019M51	K. SARANYA
2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "SPECIES EXTINCTION" submitted

by J.Anansiya, S.Anisa, J.Divya Teresa, R.Iniya, V.Karunya, S.Kiruthika,

M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

Dr.V.Vanitha Assistant Professor,

Department of Mathematics

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai

- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
2019M38	R. NILA BHARATHI
2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari T. Seema gree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A
2019M41	PUNITHA CATHERINE HILDA. B
2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
2019M58	SUDHA.K
2019M60	TARCY VIRGINA. A
2019M63	JENIFERRANI. R
2019M65	MICHLINE SOWMIYA. M
2019M69	HARSHANA. P.B
2019M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance

and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima

College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

# **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P
2019M35	MERIN ROSE. C
2019M43	RAMYA. R
2019M50	SARA ALAGANANDAM
2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

RAMYA. R

SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R

## **SPECIES EXTINCTION**

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

2019M05	J. ANANSIYA
2019M06	S. ANISA
2019M15	J. DIVYA TERESA
2019M18	R. INIYA
2019M28	V. KARUNYA
2019M29	S. KIRUTHIKA
2019M45	M. RENUGA
2019M48	R. SANDIYA
2019M51	K. SARANYA
2019M55	H. SRILAKSHMI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

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M.Renuga, R.Sandiya, K.Saranya, H.Srilakshmi for the degree of Bachelor of

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Guide and supervisor

Dr.V.Vanitha Assistant Professor,

Department of Mathematics

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Date: 26.03.21

Station: Madurai

- J. ANANSIYA
- S. ANISA
- J. DIVYA TERESA
- R. INIYA
- V. KARUNYA
- S. KIRUTHIKA
- M. RENUGA
- R. SANDIYA
- K. SARANYA
- H. SRILAKSHMI

# FOOD WASTE VS CLIMATE CHANGE

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

2019M11	M.BHUVANESHWARI
2019M12	J. CATHELIN KAMALI
2019M19	M. ISHWARYA
2019M31	M. MADHUBALA
2019M36	V.MINK WINSLET
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2019M42	M. RAMALAKSHMI
2019M47	J. RITTHI AKSHATHRA
2019M52	T. SEEMA
2019M56	A.SIVASANKARI

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "FOOD WASTE VS CLIMATE CHANGE" submitted by M.Bhuvaneshwari, J.Cathelin Kamali, M. Ishwarya, M.Madhubala, V.Mink Winslet, R.Nila Bharathi, M.Ramalakshmi, J.Ritthi Nakshathra, A.Sivasankari or the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Madurai M.BHUVANESHWARI

J. CATHELIN KAMALI

M. ISHWARYA

M. MADHUBALA

**V.MINK WINSLET** 

R. NILA BHARATHI

M. RAMALAKSHMI

J. RITTHI NAKSHATHRA

T. SEEMA

A.SIVASANKARI

# **WASTE MANAGEMENT**

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A
2019M41	PUNITHA CATHERINE HILDA. B
2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
2019M58	SUDHA.K
2019M60	TARCY VIRGINA. A
2019M63	JENIFERRANI. R
2019M65	MICHLINE SOWMIYA. M
2019M69	HARSHANA. P.B
2019M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima

College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

## LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms.Abinaya Dhasnevis.I, Ms.Adaikala Deepa.J, Ms.Anitha.A, Ms.Jenifar Francia.S, Ms.Jose Francia Rinolin.J, Ms.Kalaivani.G, Ms.Logatheetchana.U, Ms.Shanthini.R, Ms.Suruthi.V, Ms. Sandhiya.M for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A
2019M41	PUNITHA CATHERINE HILDA. B
2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
2019M58	SUDHA.K
2019M60	TARCY VIRGINA. A
2019M60 2019M63	TARCY VIRGINA. A JENIFERRANI. R
2019M63	JENIFERRANI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

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College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

# WASTE MANAGEMENT

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A	
2019M41	PUNITHA CATHERINE HILDA.	
2019M44 REENU JOSE JENIFER. J		
2019M53	SHALINI. R	
2019M58	SUDHA.K	
2019M60	TARCY VIRGINA. A	
2019M63	JENIFERRANI. R	
2019M65	MICHLINE SOWMIYA. M	
2019M69	HARSHANA. P.B	
2019M70	ABIRAMI. A	

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

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other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

# WASTE MANAGEMENT

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# Submitted By

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2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

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2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
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2019M60	TARCY VIRGINA. A
2019M63	JENIFERRANI. R
2019M65	MICHLINE SOWMIYA. M
2019M69	HARSHANA. P.B
2019M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

## LIMNOLOGY AND ENERGY

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. ABINAYA DHASNEVIS. I (2019M02)

Ms. ADAIKALA DEEPA. J (2019M04)

Ms. ANITHA. A (2019M07)

Ms. JENIFAR FRANCIA. S (2019M21)

Ms. JOSE FRANCIA RINOLIN. J (2019M25)

Ms. KALAIVANI. G (2019M26)

Ms. LOGATHEETCHANA. U (2019M30)

Ms. SHANTHINI. R (2019M49)

Ms. SURUTHI. V (2019M59)

Ms. SANDHIYA. M (2019M67)

Under the Guidance of

Dr.V. VANITHA.M.Sc., M.Phil., B.Ed., Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "Limnology and energy" submitted by Ms.Abinaya Dhasnevis.I, Ms.Adaikala Deepa.J, Ms.Anitha.A, Ms.Jenifar Francia.S, Ms.Jose Francia Rinolin.J, Ms.Kalaivani.G, Ms.Logatheetchana.U, Ms.Shanthini.R, Ms.Suruthi.V, Ms. Sandhiya.M for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai.

I. Abinaya Dhasnevis

J. Adaikala Deepa

A. Anitha

S. Jenifar Francia

J. Jose Francia Rinolin

G. Kalaivani

U. Logatheetchana

R. Shanthini

V. Suruthi

M. Sandhiya

# WASTE MANAGEMENT

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

2019M03	S.ABISUYA
2019M10	A.BHAVATHARANI
2019M22	G.JENNIFER
2019M32	S.MAHALAKSHMI
2019M34	J.MAUNORINE LOORDUMARIE
2019M39	S.PECHIAMMAL BABY
2019M57	M.SOWMIYA
2019M62	J.JENIFER BEHULA
2019M64	R.JEYASHREE
2019M68	M.BEULA

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "WASTE MANAGEMENT" submitted by S.Abisuya, A.Bhavatharani, G.Jennifer, S.Mahalakshmi, J.Maunorine Loordumarie, S.Pechiammal Baby, M.Sowmiya, J.Jenifer Behula, R.Jeyashree, M.Beula for the degree of Bachelor of Science in 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.

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Station: Madurai.

Guide and supervisor

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Date: 26.03.21

Station: Madurai S.ABISUYA

A.BHAVATHARANI

**G.JENNIFER** 

S.MAHALAKSHMI

J.MAUNORINE LOORDUMARIE

S.PECHIAMMAL BABY

M.SOWMIYA

J.JENIFER BEHULA

**R.JEYASHREE** 

M.BEULA

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A	
2019M41	PUNITHA CATHERINE HILDA	
2019M44	REENU JOSE JENIFER. J	
2019M53	SHALINI. R	
2019M58	SUDHA.K	
2019M60	TARCY VIRGINA. A	
2019M63	JENIFERRANI. R	
2019M65	MICHLINE SOWMIYA. M	
2019M69	HARSHANA. P.B	
2019M70	ABIRAMI. A	

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B, Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima

College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

# **DISASTER MANAGEMENT**

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

2019M20	JASMINE.A
2019M41	PUNITHA CATHERINE HILDA. B
2019M44	REENU JOSE JENIFER. J
2019M53	SHALINI. R
2019M58	SUDHA.K
2019M60	TARCY VIRGINA. A
2019M63	JENIFERRANI. R
2019M65	MICHLINE SOWMIYA. M
2019M69	HARSHANA. P.B
2019M70	ABIRAMI. A

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "DISASTER MANAGEMENT" submitted by Jasmine.A, Punitha Catherine Hilda.B, Reenu Jose Jenifer.J, Shalini.R, Sudha.K, Tarcy Virgina.A, Jeniferrani.R, Michline Sowmiya.M, Harshana.P.B. Abirami.A for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

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and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima

College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any

other degree.

JASMINE.A

PUNITHA CATHERINE HILDA. B

REENU JOSE JENIFER. J

SHALINI. R

SUDHA.K

TARCY VIRGINA. A

JENIFERRANI. R

MICHLINE SOWMIYA. M

HARSHANA. P.B

ABIRAMI. A

Date: 26.03.21

Madurai

# **ENVIRONMENTAL DISASTER**

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

2019M14	DHEEPACHANDRAA. VS
2019M16	GABRIEL SHERIFA. A
2019M17	HELINA. P
2019M23	JERINA ANGEL. K
2019M27	KARTHIKA. P
2019M35	MERIN ROSE. C
2019M43	RAMYA. R
2019M50	SARA ALAGANANDAM
2019M54	SHREE YAZHINI. K.S
2019M71	SRUTHI. R

Dr. VANITHA.M.Sc.,M.Phil.,B.Ed.,Ph.D.,



DEPARTMENT OF MATHEMATICS
FATIMA COLLEGE (Autonomous)
MADURAI- 625018

This to certify that this project entitled "ENVIRONMENTAL DISASTER" submitted by Dheepachandraa.VS, Gabriel Sherifa.A, Helina.P, Jerina Angel. K, Karthika.P, Merin Rose.C, Ramya.R, Sara Alaganandam, Shree Yazhini.K.S, Sruthi.R for the degree of Bachelor of Science in 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.

Date: 26.03.21

Station: Madurai.

Guide and supervisor

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of Dr.V.Vanitha, Assistant Professor, Department of Mathematics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

Date: 26.03.21

Station: Madurai

DHEEPACHANDRAA. VS

GABRIEL SHERIFA. A

HELINA. P

JERINA ANGEL. K

KARTHIKA. P

MERIN ROSE. C

RAMYA. R

SARA ALAGANANDAM

SHREE YAZHINI. K.S

SRUTHI. R