

# **ENVIRONMENTAL STUDIES: A STUDY ON ENDANGERED VARIETIES OF FLORA AND FAUNA**

Project submitted to Fatima College (Autonomous), Madurai – 18 in Partial Fulfillment  
of the requirements of the Award of the Degree of Bachelor of Mathematics.

## **Submitted By**

2022MB34 – M.SRINITHI

2022MB35 – G.SWATHI

2022MB36 – K.UKTHIGA SRI

2022MB37 – K.VAISHNAVI

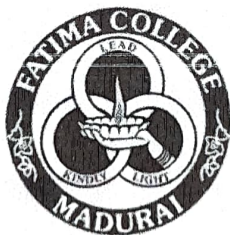
2022MB38 – V.VANMATHI

Under the guidance of

**Dr. K. MANO, M.SC., M. Phil., B.Ed., SET, Ph.D.**

Assistant Professor

Department of Statistics



Fatima College (Autonomous)

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

Mary Land, Madurai-625018.

**SEPTEMBER 2023**

## CERTIFICATE

This is to certify that the project entitled "**ENVIRONMENTAL STUDIES: A STUDY ON ENDANGERED VARIETIES OF FLORA AND FAUNA**" Submitted by SRINITHI.M(2022MB34), SWATH.G(2022MB35), UKTHIGA SRI.K(2022MB36), VAISHNAVI.K(2022MB37), VANMATHI.V(2022MB38), for the degree of bachelor of science is based on the results of studies carried out by them under my guidance and supervision in the Under Graduate Department of Mathematics (SF), Fatima college (autonomous), Madurai – 18. This project has not been submitted elsewhere for any other degree.



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

Head of the Department



**Dr. K. MANO**

Guide

## DECLARATION

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

M. Srinithi

Ms. M. SRINITHI (2022MB34)

G. Swathi

MS. G. SWATHI (2022MB35)

K. Ukthigasei

Ms. K. UKTHIGA SRI (2022MB36)

K. Vaishnavi

Ms. K. VAISHNAVI (2022MB37)

V. Vanmathi

Ms. V. VANMATHI (2022MB38)

Date :- 19.09.2023

Station :- Madurai

# **ENVIRONMENTAL STUDIES – A STUDY ON EXTINCT PLANTS**

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

## **Submitted By**

2022MB41 - SANTHIYA.V

2022MB43 - KRISHNA DHARSHINI.D

2022MB45 - GOPIKA.K

2022MB46 - SARANYA.S

2022MB47 - SHAMRUTHA.S

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Mary Land, Madurai-625018.

**SEPTEMBER 2023**

## CERTIFICATE

This is to certify that this project entitle “ **ENVIRONMENTAL STUDIES: A STUDY ON EXTINCT PLANTS** ”submitted by SANTHIYA.V(2022MB41) , KRISHNA DHARSHINI.D (2022MB43) , GOPIKA.K (2022MB45) , SARANYA.S (2022MB46) ,SHAMRUTHA.S (2022MB47), for the degree of bachelor of Mathematics is based on the result of studies carried out by them under my guidance and supervision in the Undergraduate Department of Mathematics (SF) ,Fatima College (Autonomous), Madurai-18. This project is not submitted elsewhere for any other degree.



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

Head of the department



**Dr. K. MANO**

Guide

## DECLARATION

We do hereby declare that this work has been originally carried out by us Under the guidance and supervision of **Mrs .Dr .K. MANO**, M .Sc., M.Phil., B.Ed., SET., Ph.D., Assistant professor in the Department of Statistics, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

V. Santhiya.

SANTHIYA.V (2022MB41)

D. Krishnadharshini . .

KRISHNDHARSHINI.D (2022MB43)

K. Gopika

GOPIKA.K (2022MB45)

S. Saranya.

SARANYA.S (2022MB46)

S. Shamrutha

SHAMRUTHA.S (2022MB47)

Date :- 19.09.2023

Station :- Madurai

# **ENVIRONMENTAL STUDIES: A STUDY ON EXTINCT ANIMALS**

Project submitted to Fatima College(Autonomous), Madurai -18 in Partial Fulfilment of the requirements of the Award of The Degree of Bachelor of Mathematics.

## **Submitted By**

2022MB01 AAFIA ZUNAIRAH.A

2022MB02 ABI.K

2022MB03 ABINAYA.M

2022MB04 ARUNADEVI.A

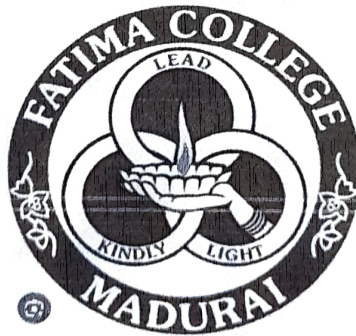
2022MB05 ATHILAKSHMI.S

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Fatima College (Autonomous)

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Mary land, Madurai-625018

**SEPTEMBER 2023**



## CERTIFICATE

This to certify that the project entitled "ENVIRONMENTAL STUDIES: A STUDY ON EXTINCT ANIMALS" submitted by Ms. Aafia Zunairah.A (2022MB01) ,Ms. Abi.K (2022MB02) , Ms.Abinaya.M (2022MB03), Ms.Arunadevi.A (2022MB04),Ms.Athilakshmi.S (2022MB05) '. for the degree of bachelor of Mathematics is based on the result of studies carried out by them under my guidance and supervision in the Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18.This project is not submitted, elsewhere for any other degree.



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

Head of the department



**Dr. K. MANO**

Guide



## DECLARATION

We do here by declare that this work has been originally carried out to by us under the guidance and supervision of **Dr.K.MANO**, Msc., M.Phil., B.Ed.,SET,Ph.d., Assistant Professor , Department of statistics, Fatima College(Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

*A. Aafia Zunaira*

Ms.AAFIA ZUNAIRAH.A (2022MB01)

*K. Abi*

Ms .ABI.K (2022MB02)

*M. Abinaya*

Ms.ABINAYA.M (2022MB03)

*A. Arunadevi*

Ms.ARUNADEVI.A (2022MB04)

*S. Athilakshmi*

Ms.ATHILAKSHMI.S (2022MB05)

Date :- 19.09.2023

Station :- Madurai

# **ENVIRONMENTAL STUDIES: A STUDY ON PTEROSAUR**

This project is submitted to Fatima College (Autonomous), Madurai-18 in Partial Fulfilment of the requirements of the Award of the Degree of Bachelor of Mathematics.

## **Submitted by**

2022MB06      Deebadharani.S

2022MB07      Devi Priya.K

2022MB08      Dhakini.A

2022MB09      Dhalanya.D

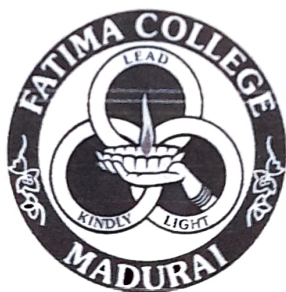
2022MB10      Dhivya.R

## **Under the guidance of**

Mrs. Dr. K. MANO, M.Sc., M.Phil., B.Ed., SET., Ph.D.

Assistant Professor

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Fatima College (Autonomous)

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Mary Land, Madurai-625018.

**SEPTEMBER 2023**

## CERTIFICATE

This is the certify that this project entitled "ENVIRONMENTAL STUDIES: A STUDY ON PTEROSAUR" submitted by DEEBADHARANIS (2022MB06), DEVI PRIYA.K(2022MB07), DHAKINLA(2022MB08), DHALANYA.D(2022MB09), DHIVYA.R(2022MB10), for the degree of bachelor of science is based on the results of studies carried out by tem under my guidance and supervision in the undergraduate Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18.This project has not submitted elsewhere for any other degree.



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

Head of the department



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Guide

## DECLARATION

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

*S. Deebadharani*

DEEBADHARANI.S

*K. Devi Priya*

DEVI PRIYA.K

*A. Dhakini*

DHAKINI.A

*D. Dhalanya*

DHALANYA.D

*R. Dhivya*

DHIVYA.R

Date : 22.09.2023

Station : Madurai

# **ENVIRONMENTAL STUDIES: A STUDY ON NEPENTHES**

Project submitted to Fatima College (Autonomous), Madurai-18. In partially Fulfillment of the requirement of the Award of the Degree of Bachelor of Mathematics

## **Submitted by**

2022MB11- DURGA DEVI.M

2022MB12- GEETHA PRIYAA.V.S

2022MB13- HARINI PRIYA.S

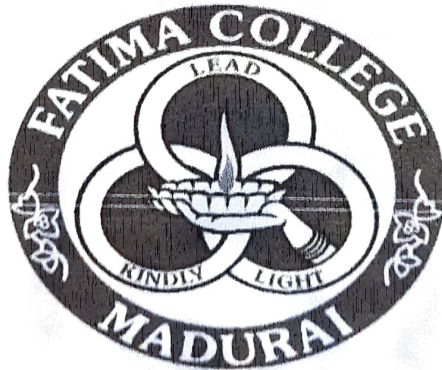
2022MB14- JANANI.K.P

2022MB15- JEEVITHA.K

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Department of Statistics



Fatima College (Autonomous)

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Mary land, Madurai-625018.

**SEPTEMBER 2023**

## CERTIFICATE

This is to certify that this project entitled “ENVIRONMENTAL STUDIES : A STUDY ON NEPENTHES” Submitted by DURGA DEVI.M (2022MB11), GEETHA PRIYAA.V.S(2022MB12), HARINI PRIYA.S(2022MB13), JANANI.K.P(2022MB14), JEEVITHA.K(2022MB15), for the degree of bachelor of science is based on the result of studies carried out of by them under my guidance and supervision in the Undergraduate Department of Mathematics (SF), Fatima College (Autonomous), Madurai – 18. This project has not been submitted elsewhere for any other degree.



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

Head of the department



**Dr. K. MANO**

Guide

## DECLARATION

We do hereby declare that this work has been originally carried out by us under the guidance and supervision of **Dr. Mrs. K. MANO**, Assistant Professor in the Department of Statistics, Fatima College (Autonomous), Madurai – 18 and this Work has not been submitted for any other degree.

*M. Durga Devi*  
DURGA DEVI.M

*V. S. Geetha Priyaa*  
GEETHA PRIYAA.V.S

*S. Harini priya*  
HARINI PRIYA.S

*Janani K.P*  
JANANI.K.P

*K. Jeevitha*  
JEEVITHA.K

Station : Madurai

Date : 19.09.2023



# **ENVIRONMENTAL STUDIES: A STUDY ON WOLLY MAMMOTH AND IT'S SIMILAR CREATURES**

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

## **Submitted By**

2022MB16 KEERTHANA R

2022MB18 NADANA PRIYADHARSHINI S

2022MB19 NAGA NANDHINI G

2022MB20 NANDHIKA K

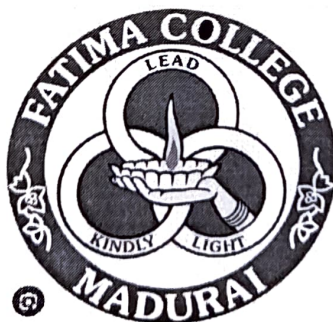
2022MB21 NANDHITHA V P

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Mary land, Madurai-625018

**SEPTEMBER 2023**

## CERTIFICATE

This to certify that the project entitled “ENVIRONMENTAL STUDIES: A STUDY ON WOLLY MAMMOTH AND IT’S SIMILAR CREATURES” submitted by R. KEERTHANA(2022MB16) , S. NADANA PRIYADHARSHINI (2022MB18) , G. NAGA NANDHINI (2022MB19), K. NANDHIKA (2022MB20), V. P. NANDHITHA (2022MB21) ’. for the degree of bachelor of Mathematics is based on the result of studies carried out by them under my guidance and supervision in the Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18.This project is not submitted, elsewhere for any other degree.



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

Head of the department



Dr. K. MANO

Guide

## DECLARATION

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

*R. Keerthana*  
R. KEERTHANA

*S. Nadanapriyadharshini*  
S. NADANA PRIYADHARSHINI

*G. Naganandhini*  
G. NAGA NANDHINI

*K. Nandhika*  
K. NANDHIKA

*Nandhitha*  
V.P NANDHITHA

*Station : Madurai*

*Date : 19.09.2023*

# **ENVIRONMENTAL STUDIES: A STUDY ON GIANT PANDA –THE EXTINCT ANIMAL**

This project is submitted to Fatima College (Autonomous), Madurai-18 in Partial Fulfillment of the requirements of the Award of the Degree of Bachelor of Mathematics.

## **Submitted by**

2022MB23 POOJA S

2022MB24 PRATHIJA K

2022MB25 PRATHIPA M. S

2022MB26 RABIYA A

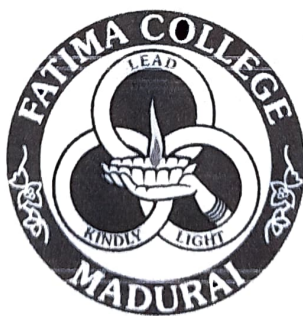
2022MB27 RAJESWARI B

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Fatima College (Autonomous)

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

Mary Land, Madurai-625018.

**SEPTEMBER 2023**

## CERTIFICATE

This is the certify that this project entitled "ENVIRONMENTAL STUDIES: A STUDY ON GIANT PANDAN-THE EXTINCT ANIMAL" submitted by S. POOJA (2022MB23), R. PRATHIJA (2022MB24), M.S.PRETHIPA (2022MB25), A.RABIYA (2022MB26), B. RAJESHWARI (2022MB27), for the degree of bachelor of science is based on the results of studies carried out by tem under my guidance and supervision in the undergraduate Department of Mathematics (SF), Fatima college (Autonomous), Madurai-18. This project has not submitted elsewhere for any other degree.



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

Head of the department



**Dr. K. MANOJ**

Guide

## DECLARATION

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

*S. Pooja*

S. POOJA

*R. Prathija*

R. PRATHIJA

*M.S. Preethipa*

M.S. PRETHIPA

*A. Rabiya*

A. RABIYA

*B. Rajeswari*

B. RAJESWARI

Station : Madurai

Date : 19.09.2023

# **ENVIRONMENTAL STUDIES: A STUDY ON EXTINCT SPECIES - INSECTS**

This project is submitted to Fatima College (Autonomous), Madurai-18 in Partial Fulfillment of the requirements of the Award of the Degree of Bachelor of Mathematics.

## **Submitted By**

2022MB28– M.RATHI SRI

2022MB29 – M.RUBBA SRI

2022MB31- S.SHOBANA

2022MB32– I.SHREEN JAWAHAR BEE

2022MB33 – J.SHRI LAKSHMI

Under the guidance of

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Assistant Professor

Department of Statistics



Fatima College (Autonomous)

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Mary Land, Madurai-625018

**SEPTEMBER 2023**



## CERTIFICATE

This is to certify that the project entitled “**ENVIRONMENTAL STUDIES: A STUDY ON EXTINCT SPECIES – INSECTS**” submitted by M.RATHI SRI (2022MB28) , M. RUBBA SRI (2022MB29), S.SHOBANA (2022MB31), I.SHREEN JAWAHAR BEE(2022MB32), J.SHRI LAKSHMI(2022MB33) , for the degree of bachelor of science is based on the results of studies carried out by them under my guidance and supervision in the Under Graduate Department of Mathematics(SF), Fatima College [Autonomous], Madurai-18. This project has not been submitted elsewhere for any other degree.

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

Head of the department

**Dr. K. MANO**

Guide

## DECLARATION

We do hereby declare that this work has been originally carried out to by us under the guidance and supervision of **Dr. K. MANO**, Assistant professor in the Department of Statistics, Fatima college [Autonomous], Madurai-18 and this work has not been submitted elsewhere for any other degree.

M. Rathi Sri

M.RATHI SRI

I

M. Rubba Sri

M.RUBBA SRI

S. Shobana

S.SHOBANA

I. Shreen Jawahar Bee

I.SHREEN JAWAHAR BEE

J. Shrilakshmi

J.SHRI LAKSHMI

Station : Madurai

Date : 19.09.2023