

**IN VITRO EVALUATION OF ANTI-DIABETIC POTENTIAL OF
WHEATGRASS (*Triticum aestivum*)**

**A project report submitted in partial fulfilment of the requirements for the award of the
Degree of Master of Science in Zoology**



Submitted By

**B. ANTOSHINY BRIJITHA
(2021MSCZ01)**

GUIDED BY

**Dr. J. ASNET MARY
Assistant Professor**

**PG DEPARTMENT OF ZOOLOGY
FATIMA COLLEGE (Autonomous)
Re-Accredited with 'A++' by NAAC (Cycle -IV)
MADURAI- 625 018**

**PROJECT REPORT
APRIL-2023**

CERTIFICATE

This is to certify that this dissertation entitled “*IN VITRO* EVALUATION OF ANTI-DIABETIC POTENTIAL OF WHEATGRASS (*Triticum aestivum*)” submitted by B. ANTOSHINY BRIJITHA (2021MSCZ01) as partial fulfillment for the degree of Master of Science in Zoology is based on the results of studies carried out by her under my guidance and supervision during the academic year 2022-2023 at Fatima College (Autonomous), Department of Zoology, Madurai-18. This project work has not been submitted elsewhere for any other degree.



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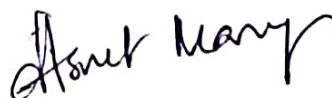
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Dr. A. TAMIL SELVI

Head, Dept. of Zoology

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Signature of the Guide

(Dr. J. Asnet Mary)

STATION: MADURAI

DATE: 12.4.23

DECLARATION

I do hereby declare that this dissertation entitled "*IN VITRO* EVALUATION OF ANTI-DIABETIC POTENTIAL OF WHEATGRASS (*Triticum aestivum*)" has been originally carried out by me under the guidance and supervision of Dr. J. ASNET MARY, Assistant Professor, Department of Zoology, Fatima College (Autonomous), Madurai- 18 and this work has not been submitted elsewhere for the award of any other degree.

Place: MADURAI

Date 12.4.23

B. Antosh Brijitha
Signature of the Student

B. ANTOSHINY BRIJITHA

(2021MSCZ01)

**A STUDY ON SEASONALITY OF BUTTERFLIES AT
FATIMA COLLEGE**

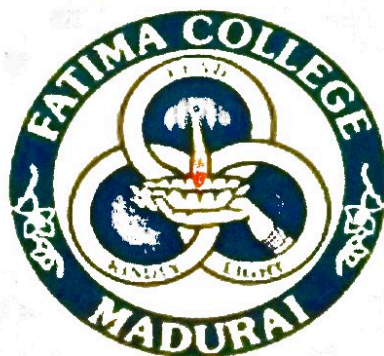
**Project Submitted for the Award of Degree of
Master of Science in Zoology**

Submitted By

**A.KIRUBA ROOBALA
(2021MSCZ03)**

GUIDED BY

Mrs.J.THELMA



PG DEPARTMENT OF ZOOLOGY

FATIMA COLLEGE (Autonomous)

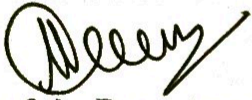
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Head of the Department

(Dr. A. Tamil Selvi)

Dr. A. TAMIL SELVI
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Signature of the Guide

(Mrs.J.Thelma)

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DECLARATION

I do hereby declare that this dissertation entitled “**A STUDY ON SEASONALITY OF BUTTERFLIES AT FATIMA COLLEGE** ” has been originally carried out by me under the guidance and supervision of **Mrs.J.THELMA**, Department of Zoology, Fatima College (Autonomous), Madurai- 18 and this work has not been submitted elsewhere for the award of any other degree.

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Signature of the Student

A.KIRUBA ROOBALA

(2021MSCZ03)

**ASSESSING THE POTENTIAL OF ECO-FRIENDLY
ABSORBENTS FROM BIOWASTE IN DECOLOURISING
WATER SOLUBLE DYE**

Project Submitted for the Award of Degree of
Master of Science in Zoology

Submitted by

R. PAVITHRA (2021MSCZ04)

Guided By

Dr. N. NAGARANI



**PG DEPARTMENT OF ZOOLOGY
FATIMA COLLEGE (Autonomous)
Re Accredited with A++ by NAAC (Cycle IV)
MADURAI – 625018
April – 2023**

CERTIFICATE

I do here by declare that this dissertation entitled 'Assessing The Potential Of Eco-Friendly Absorbents From Biowaste In Decolourising Water Soluble Dye' Submitted to Fatima college, Madurai in partial fulfilment of requirement of the award of Master of Science in Zoology is based on the results of studies carried out by her under my guidance and supervision during the academic year 2022-2023 at Fatima College (Autonomous), Department of Zoology, Madurai-18. This project work has not been submitted elsewhere for any other degree. I also declare that this dissertation or part of work has not been published earlier elsewhere in any manner.



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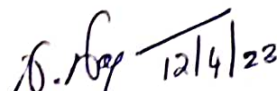
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Signature of the Guide

Dr. N. Nagarani

Station: Madurai

Date: 12-01-2023

DECLARATION

I do hereby declare that this dissertation entitled "Assessing The Potential Of Eco-Friendly Absorbents From Biowaste In Decolourising Water Soluble Dye" has been originally carried out by me under the guidance and supervision of Dr. N.NAGARANI, Assistant Professor, Department of Zoology, Fatima College (Autonomous), Madurai- 18 and this work has not been submitted elsewhere for the award of any other degree.

Station: Madurai

Date 12.04.2023.


Signature of the Student

R. PAVITHRA

2021MSCZ04

“Effect of dietary *Spirulina* on growth and selected nutrients of *Oreochromis mossambicus*”

**Project Submitted for the award of Degree of Master
of Science in Zoology**

Submitted By

E. V. SMITHA (2021MSCZ05)

Guided by

Dr. S. BARATHY



PG DEPARTMENT OF ZOOLOGY

FATIMA COLLEGE (Autonomous)

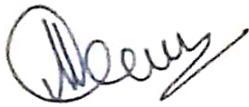
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This is to certify that this dissertation entitled "Effect of dietary *Spirulina* on growth and selected nutrients of *Oreochromis mossambicus*" submitted by SMITHA E.V (2021MSCZ05) as partial fulfillment for the degree of Master of Science in Zoology is based on the results of studies carried out by her under my guidance and supervision during the academic year 2022-2023 at Fatima College (Autonomous), Department of Zoology, Madurai-18. This project work has not been submitted elsewhere for any other degree.



Head of the Department

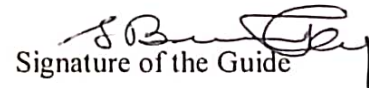
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Signature of the Guide

(Dr. S. Barathy)

STATION: MADURAI

DATE: 12/04/23

DECLARATION

I do hereby declare that this dissertation entitled "Effect of dietary *Spirulina* on growth and selected nutrients of *Oreochromis mossambicus*" has been originally carried out by me under the guidance and supervision of Dr. S. BARATHY, Department of Zoology, Fatima College (Autonomous), Madurai- 18 and this work has not been submitted elsewhere for the award of any other degree.



Signature of the Student

SMITHA E.V (2021MSCZ05)

STATION: MADURAI

DATE: 12/04/23