

**SIMILARITY ANALYSIS OF
MITOCHONDRIAL UNCOUPLING PROTEIN 1 (UCP1) OF
SELECTED HIBERNATING MAMMALS**

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

Submitted By

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MADURAI- 625 018
APRIL, 2023**

CERTIFICATE

This is to certify that this project entitled " SIMILARITY ANALYSIS OF MITOCHONDRIAL UNCOUPLING PROTEIN 1 (UCP1) OF SELECTED HIBERNATING MAMMALS " submitted by Ms. Abinaya. S (2020Z01), Ms. Hari Abinaya. M (2020Z09), Ms. Madhubala. K (2020Z16), Sr. Princi Lisa (2020Z24), Ms. Shamima Banu. H (2020Z30) and Ms. Tejaswini. P.J (2020Z38) for the degree of Bachelor of Science is based on the result of studies carried out by them under my guidance and supervision in the Post Graduate Department of Zoology, Fatima College (Autonomous), Madurai-18. This project has not been submitted elsewhere for any other degree.

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We do hereby declare that this work has been originally carried out by us under the guidance and supervision of **Dr. A. Tamil Selvi**, Assistant Professor & Head in the Post Graduate Department of Zoology, Fatima College (Autonomous), Madurai-18 and this work has not been submitted elsewhere for any other degree.

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ANALYSIS OF RHODOPSIN IN CHORDATES BY USING BIOINFORMATICS TOOLS

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

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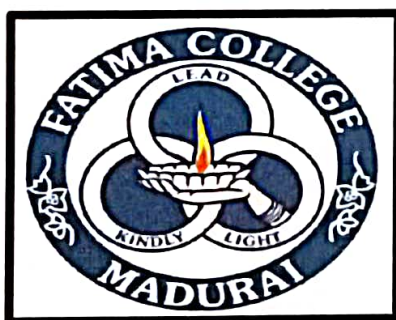
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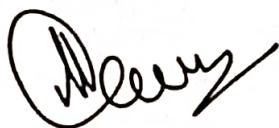
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This is to certify that this dissertation entitled **ANALYSIS OF RHODOPSIN IN CHORDATES BY USING BIOINFORMATICS TOOLS** is submitted in partial fulfillment of Degree of bachelor of science in zoology. It is research work that has been originally carried out by Miss. S. Bharathy (2020Z04), Miss. M. Harshini (2020Z10), Miss. H. Maria haily (2020Z18), Mrs. M. Rajalakshmi (2020Z26) , Miss. M. Varsha (2020Z39) , Miss. A. Shanmuga priya (2020Z31) , under my guidance and supervision in the Department of zoology, Fatima college (Autonomous) , Madurai, in the academic year 2022-2023. It is further certified this dissertation or any part of this has not been submitted elsewhere for the award of any other degree.

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We do hereby declare that this dissertation entitled **ANALYSIS OF RHODOPSIN IN CHORDATES USING BIOINFORMATIC TOOLS** is submitted in partial fulfillment of Degree of Bachelor Science in Zoology. It is a research work that has been originally done by us under the guidance and supervision of Dr. Antony Amala Jayaseeli, Assistant Professor, Department of Zoology, Fatima College (Autonomous), Madurai, and this work has not been submitted elsewhere for the award of any other degree.

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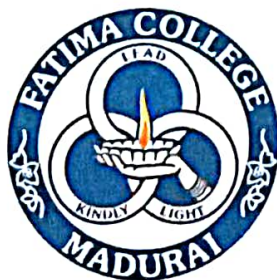
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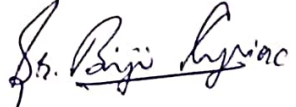
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A STUDY ON PLANT AND ANIMAL INTERACTION IN
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Dissertation submitted to Fatima College (Autonomous)

In partial fulfillment of the requirements

For the degree of

BACHELOR OF SCIENCE IN ZOOLOGY

Submitted by

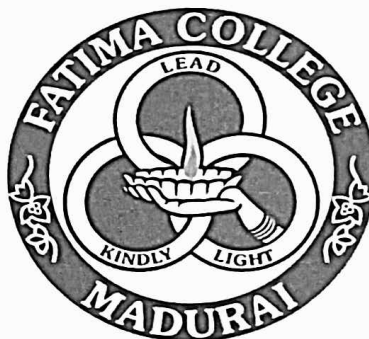
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Signature of the Guide

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I do hereby declare that this dissertation entitled A STUDY ON PLANT AND INSECT INTERACTION IN FATIMA COLLEGE, MADURAI submitted to Fatima College, Madurai in partial fulfillment of requirement of the award of BACHELOR OF SCIENCE IN ZOOLOGY. It is a record of original project work done by me. I also declare that this dissertation or part of work has not been published earlier elsewhere in any manner.

Place: Madurai

Date: 13.04.2023

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