A COMPARATIVE STUDY OF THE PHYSICOCHEMICAL PARAMETERS AND POLLUTION STATUS OF KARAMANA RIVER AND VAMANAPURAM RIVER

(DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY)

SUBMITTED BY ANAGHA HARIKUMAR

Candidate Code : 65021118001

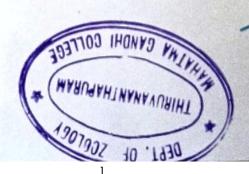
Examination Code: 650 20 402

Subject Code : ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY AND RESEARCH CENTRE MAHATMA GANDHI COLLEGE THIRUVANANTHAPURAM - 65004, KERALA

AUGUST 2023



TEAD DEPT. OF ZOOLOGY ATMA GANDHI COLLEGE

PSYCHOMOTOR SKILL ENHANCEMENT AMONG STUDENTS OF AGE GROUP 19 TO 22 THROUGH EMERGENCY SKILL ACQUISITION STRATEGY

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the Degree of Master of Science in Zoology

By

ANAGHA P

Candidate Code: 6502/1118002

Exam Code: 65020402

Subject Code: ZO201



DEPARTMENT OF ZOOLOGY MAHATMA GANDHI COLLEGE

THIRUVANA THAPPERAM - 695 004, KERAL

DEPT OF ZOOLOGE

FUINO*

"ODONATES DIVERSITY OF SELECTED WETLAND ECOSYSTEM (PADDY FIELD)AT KESAVADASAPURAM IN THIRUVANANTHAPURAM DISTRICT KERALA"

DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

GOPIKA B NAIR

CANDIDATE CODE: 65021118003

EXAMINATION CODE: 65020402

SUBJECT CODE: ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY
AND RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM-695004, KERALA

AUGUST 2023

DEPT. OF ZOOLOGY
MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAN

STUDY ON THE CORRELATION BETWEEN ATMOSPHERIC TEMPERATURE & RELATIVE HUMIDITY ON THE DISTRIBUTION & POPULATION DENSITY OF AEDES AEGYPTI AEDES ALBOPICTUS MOSQUITOES

> Discortation submitted to the University of Korala in partial fulfilment of the requirements for the degree of

> > MASTER OF SCIENCE INZOOLOGY

> > > BY

GOPIKA V NAIR

CANDIDATE CODE: 65021118004

EXAMINATION CODE: 650 20 402

SUBJECT CODE: ZO 201



OOLOGY & RESEARCH CENTRE POSTGRADUATE DE

GANDHI COLLEGE

AD SAPURAM

APURAM 695,004 MAHATMA GANDAI COLLEGE

AUGUST 2023

THIRUVANANTHAPHRAN

A STUDY ON ISOLATION, IDENTIFICATION AND CHARACTERISATION OF GUT FLORA OF **EARTHWORMS**

Dissertation submitted to the University of Kerala in the partial fulfillment of the requirements for the Degree of Master Science in Zoology.



By

L. SREELEKSHMI

Candidate Code : 65021118005



P.G AND RESEARCH DEPARTMENT OF ZOOLOGY

MAHATMA GANDHI COLLEGE, KESAVADASAPURAM

THIRUWANANTHAPURAM - 695004

MAHATMA GANDHI COLLEGO TMIRUVANANTHAPURAV

A STUDY ON AIR QUALITY INDEX AND MAJOR AIR POLLUTANTS IN THIRUVANANTHAPURAM CITY WITH SPECIAL REFERENCE TO PUBLIC HEALTH

(DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY)

SUBMITTED BY LEKSHMI NANDANA.S

Candidate Code : 65021118006

Examination Code: 650 20 402

Subject Code : ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY

AND RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM – 65004, KERALA

AUGUST 2023

THIRD IN CANON COLES

DEPT. OF ZOOLOGY
WAHATMA GANDHI COLLEGE
THIRUVANANTHAPURA

ISOLATION & IDENTIFICATION OF SOIL MICROBIOTA

Dissertation submitted to the

University of Kerala

in partial fulfilment of the requirements for the

Master of Science

In

Zoology

By

Shilpa Raj

Candidate Code: 65021118007

Examination Code: 65021401

Subject Code: ZO 201



POSTGRADUATE DEPARTMENT OF ZOOLOGY & RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

KESAVADASAPURAM

THIRUVANANTHAPURAM

AUGUST 2023

MARUGAH: HAVA (URIHT) *

JEPT OF ZOOLOGY
MAHATMA GANDHI COLLEGE
THIRUVANANTHAPURAM

EFFECT OF SUBLETHAL CONCENTRATION OF A HERBICIDE & A FUNGICIDE IN A SPRINGTAIL COLLEMBOLAN

DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN THE PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN
ZOOLOGY

SUBMITTED BY

SONA RS

CANDIDATE CODE: 65021118008

EXAMINATION CODE: 65020402

SUBJECT CODE: ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY

AND RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM-695004, KERALA

AUGUST 2023

EFFECT OF TEMPERATURE ON SOME ANTIOXIDANTS OF THIRD INSTAR LARVAE OF Aedes albopictus

DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

UMAMAHESWARY V I

CANDIDATE CODE: 65021118009

EXAMINATION CODE: 65020402

SUBJECT CODE: ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY

AND RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM-695004, KERALA

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APTITUDE TOWARDS EMERGENCY MANAGEMENT AMONG STUDENTS OF AGE GROUP 19 TO 22 IN AN ARTS AND SCIENCE COLLEGE

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the Degree of Master of Science in Zoology

By

VARSHAS

Candidate Code: 65020118010

Exam Code: 65020402

Subject Code: ZO201



DEPARTMENT OF ZOOLOGY
MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM - 695 004, KERALA

2023

ECOTOXICOLOGICAL EFFECT OF SELECTED PESTICIDES ON A TERRESTRIAL SOIL MACRO INVERTEBRATE OF COLLEMBOLAN GROUP

DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

VARSHA SOMAN

CANDIDATE CODE : 65021118011

EXAMINATION CODE: 65020402

SUBJECT CODE: ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY
AND RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURA 1-695004 KERALA

DEPT OF EODLOGY

MAHATMA GANDHI COLLEGE

THIRUVANANTHADUS

"BUTTERFLIES DIVERSITY OF SELECTED WETLAND ECOSYSTEM (PADDY FIELD)AT KESAVADASAPURAM IN THIRUVANANTHAPURAM DISTRICT KERALA"

DISSERTATION SUBMITTED TO THE UNIVERSITY OF KERALA IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

VEENA PRASAD

CANDIDATE CODE: 65021118012

EXAMINATION CODE: 65020402

SUBJECT CODE: ZO 201



POST GRADUATE DEPARTMENT OF ZOOLOGY
AND RESEARCH CENTRE

MAHATMA GANDHI COLLEGE

THIRUVANANTHAPURAM-695004, KERALA

AUGUST 2023 TOOLOGY

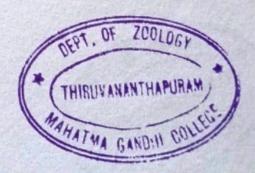
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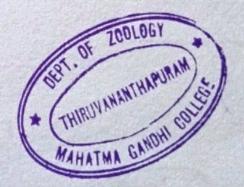
PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Comparative study of the physicochemical parameters and pollution status of karamana River and Vamanapuram river" was submitted by Anagha Harikumar (Candidate code: 65021118001) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.



PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Psychomotor skill enhancement among students of the age group 19 to 22 through emergency skill acquisition strategy"was submitted by Anagha .P (Candidate code: 65021118002) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.



PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Odonate diversity of selected wetland ecosystems (paddy fields) at Kesavadasapuram in Thiruvananthapuram District, kerala" was submitted by Gopika.B.Nair(Candidate code: 65021118003) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.

Head of the Department of 100L067

PROJECT COMPLETION CERTIFICATE

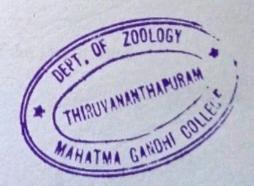
This is to certify that the project entitled "Study on the correlation between atmospheric temperature and relative humidity on the distribution and population density of Aedes aegypti and Aedes albopictus mosquitoes" was submitted by Gopika.v.Nair (Candidate code: 65021118004) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.

Head of the Department

ZOOLOGY

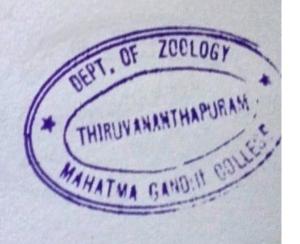
PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "A study on the isolation, identification and characterization of gut flora of earthworms" was submitted by L.Sreelekshmi(Candidate code: 65021118005) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.



PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "A study on air quality index and major air pollutants in Thiruvananthapuram city with special reference to public health" was submitted by Lekshminandana. S(Candidate code: 65021118006) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.

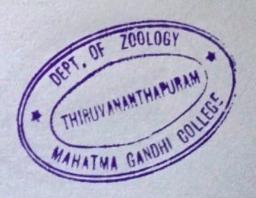


PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Isolation and identification of soil microbiota" was submitted by Silpa Raj (Candidate code: 65021118007) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.

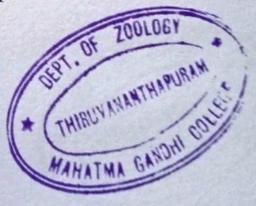
PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Effect of sublethal concentration of a herbicide and fungicide in springtail collembolan" was submitted by Sona.R.S(Candidate code: 65021118008) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.



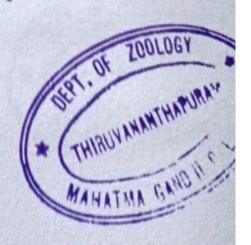
PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Effect of temperature on some antioxidants of 3rd instar larvae of Aedes albopictus" was submitted by Uma Maheswary (Candidate code: 65021118009) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.



PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Aptitude towards emergency management skills among students of age groups 19 to 22 in an Arts and science College"was submitted by Varsha.S(Candidate code: 65021118010) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.



PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled" Ecotoxicological effect of a selected pesticides on a terrestrial soil microinvertebrate of Collembolan group"was submitted by Varsha Soman(Candidate code: 65021118011) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.

PROJECT COMPLETION CERTIFICATE

This is to certify that the project entitled "Butterfly diversity of selected wetland ecosystem (paddyfield)at Kesavadasapuram district, Kerala" was submitted by Veena Prasad (Candidate code: 65021118012) in partial fulfilment of the requirement for the award of degree of Masters in Science during the academic year 2022-23.

