

**STUDIES ON THE ISOLATION AND IDENTIFICATION OF
HISTAMINE PRODUCING BACTERIA IN FRIGATE TUNA,
Auxis thazard.**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

SURYAPRAHASAN R

(Register Number: 212ZO001)

UNDER THE GUIDANCE & SUPERVISION OF

Dr.V.Meiyalagan M.Sc., Ph.D.

Assistant Professor in Zoology



KONGUNADU ARTS AND SCIENCE COLLEGE
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Coimbatore – 641029, Tamil Nadu, India.

APRIL – 2023

**Vermi – Acceleration of Cigarette butts — and
Nicotiana tabacum Degradation using
Earthworm *Eudrilus eugeniae***

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF
MASTER OF SCIENCE IN ZOOLOGY**

**SUBMITTED BY
VAIDHEGI. V
(Reg.No:212ZO002)**

**SUBMITTED TO
PG & RESEARCH DEPARTMENT OF ZOOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE**

**UNDER THE SUPERVISION OF
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ASSISTANT PROFESSOR IN ZOOLOGY**



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COLLEGE OF EXCELLENCE (UGC)
COIMBATORE – 641029
TAMIL NADU
INDIA.**

APRIL – 2023.

**A STUDY ON PHYSICO-CHEMICAL AND MICROBIAL CONTENT SOIL
SAMPLES FROM ERODE DISTRICT, TAMIL NADU, INDIA**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF**

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SUBMITTED BY

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APRIL - 2023

**ASSESSING THE NUTRITIONAL QUALITY OF BARGUR CATTLE
MANURE FOR ENHANCED CROP YIELD**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT
OF THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

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APRIL 2023

**FORMULATION OF NUTRITIOUS FEED FOR
QUAILS (*Coturnix japonica*) AND COMPARISON
WITH COMMERCIAL FEED BASED ON GROWTH
OF QUAILS AND DEVALUATION OF LAYING
QUALITY**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF**

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APRIL – 2023

DIATOM SILICA: A PEROXIDASE MIMIC NANOZYMES TO DETECT THE MILK PATHOGENS

**THE DISSERTATION SUBMITTED IN PARTIAL FULLFILLMENT
OF THE REQUIREMENT FOR THE DEGREE OF**

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APRIL – 2023

**Study the Status of Population and distribution of the
Diurnal Raptors species in the Coimbatore Forest Division of
Western Ghats in TamilNadu, India**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

**SUBMITTED BY
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APRIL – 2023

**A PRELIMINARY INVESTIGATION OF AVIFAUNAL DIVERSITY
AND COMPLEXITY BY USING BIOACOUSTICS IN THE
FOOTHILLS OF THADAGAM VALLEY, COIMBATORE DISTRICT,
TAMILNADU, INDIA.**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

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APRIL – 2023

COMPARATIVE STUDY ON THE MILK FAT AND SNF COMPOSITION ON JERSEY CROSS COWS IN KONGALAKURICHI, TIRUPPUR DISTRICT.

Dissertation submitted to Kongunadu Arts and Science College affiliated to
Bharathiar University, Coimbatore in partial fulfillment of the requirements
for the award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

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APRIL- 2023

**ANALYSIS OF ANTIMICROBIAL AND ANTIOXIDANT
POTENTIAL OF THE PLANT *WEDELIA TRILOBATA* L**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

**SUBMITTED BY
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APRIL – 2023

**ABUNDANCE, RICHNESS AND DIVERSITY OF
TERRESTRIAL BIRDS IN SELECTED HABITAT IN THE
BARGUR HILLS, ERODE DISTRICT.**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF
MASTER OF SCIENCE IN ZOOLOGY**

**SUBMITTED BY
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APRIL – 2023

PEROXIDASE MIMICS DIATOM SILICA NANOZYMES: BIOSENSOR TO DETECT MILK PATHOGENS

**THE DISSERTATION SUBMITTED IN PARTIAL FULLFILLMENT
OF THE REQUIREMENT FOR THE DEGREE OF**

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APRIL – 2023

MOLECULAR TAXONOMY AND CURRENT DISTRIBUTION STATUS OF ARIOSOMAGENUS FROM INDIAN WATERS

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

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SUBMITTED TO



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APRIL -- 2023

**HEPATIC TOXIC EFFECTS OF OBESITY INDUCED DI-ISO BUTYL
PHTHALATE (C₁₆H₂₂O₄) ON ADULT ZEBRAFISH (*DANIO RERIO*): A
MULTI-BIOMARKER APPROACH**

**THE DISSERTATION SUBMITTED IN THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR
THE DEGREE OF
MASTER OF SCIENCE IN ZOOLOGY**

SUBMITTED BY

NIDHA NECHIKKANDAN
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Under the Guidance of

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APRIL, 2023

**POTENTIAL TOXIC EFFECT OF DEGRADED SURGICAL FACE
MASKS ON ZEBRAFISH (*DANIO RERIO*): METABOLIC INSIGHTS,
ANTIOXIDATIVE AND OXIDATIVE STRESS RESPONSES**

THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE OF

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APRIL 2023

**FT-IR AND GC-MS ANALYSIS BY USING ETHYL ACETATE
EXTRACT OF SEAWEED *Gracilaria cortica* var. *Cylindrica*
umamaheswara roa- Family: gracilariaceae (red algae).**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT OF
THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

VENKATANARAYANAN POOJA

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APRIL – 2023

ISOLATION AND ANALYSIS OF GUT BACTERIA
FROM THE FECAL MATTER OF ASIL FOWL

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT
OF THE REQUIREMENT FOR THE DEGREE OF**

MASTER OF SCIENCE IN ZOOLOGY

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APRIL – 2023

**ASSESSMENT OF WATER QUALITY AND ANALYSIS OF
NUTRITIONAL VALUE OF FISH SAMPLE FROM FRESH
WATER LAKE PERUR, COIMBATORE DISTRICT,
TAMILNADU, INDIA**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MASTER OF SCIENCE IN ZOOLOGY

SUBMITTED BY

Ms. KAVYA PRAMOD (212ZO019)

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DEPARTMENT OF ZOOLOGY



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APRIL – 2023

STUDIES ON THE SELECTIVE LIVE FEEDS FOR *Danio rerio* FISH CULTURE IN THE AQUARIUM

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF
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SUBMITTED BY

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