

**PLANT INSECT INTERACTION: DYNAMIC ANALYSIS FOR
SUSTAINABLE CROP PROTECTION**

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

BACHELOR OF SCIENCE IN ZOOLOGY

SUBMITTED BY

P.Sethupathi (211ZO023)
2021-2024

UNDER THE GUIDANCE OF

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**Principal and Head
Department of Zoology**



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Coimbatore – 641029, Tamil Nadu, India.

APRIL – 2024

**EFFECT OF ALLELOCHEMICAL ON DIGESTIVE
AND BIOCHEMICALS OF PEST, "*Odioporus longicollis*"**

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

BACHELOR OF SCIENCE IN ZOOLOGY

SUBMITTED BY

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2021-2024**

UNDER THE GUIDANCE OF

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APRIL – 2024

**Growth and Reproduction potential of earthworm
Eudrilus eugeniae using Banana waste**

**THE GROUP PROJECT SUBMITTED IN PARTIAL FULFILMENT
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BACHELOR OF SCIENCE IN ZOOLOGY

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APRIL – 2024

**EXPLORING THE POTENTIAL IMPACT OF COMMERCIAL CEMENT
TRACES (CALCIUM OXIDE AND SILICON DIOXIDE) IN URBAN LAKE**

**THE PROJECT SUBMITTED IN PARTIAL FULLFILLMENT
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APRIL – 2024

**STUDIES ON DEVELOPMENT IN AUTOMATION OF DIGITAL TECHNOLOGY
(IOT) AND ITS APPLICATIONS IN AQUAPONICS SYSTEM**

**THE PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF
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APRIL – 2024

DNA BARCODING OF COMMERCIALY AVAILABLE MARINE SPECIES *PORTUNUS SANGUINOLENTUS* BY USING MOLECULAR TECHNIQUES

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APRIL – 2024

**ISOLATION AND CHARACTERIZATION OF
L- ASPARAGINASE ENZYME PRODUCING BACTERIA
FROM SOIL SAMPLES OF
COIMBATORE, TAMILNADU**

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APRIL – 2024

**Taxonomic status of Genus *Haematobia* Species in
Endemic Indigenous Bargur Buffalo of Bargur Hills in
Erode district of Tamil Nadu, India.**

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SUBMITTED BY

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31st Rank among colleges in NIRF 2022,

College of Excellence (UGC),

Coimbatore -641 029, Tamil Nadu, India.

APRIL-2024

**Diatom Frustule Silica as Smart Nanomaterials:
Biosensor to Detect Milk Pathogens**

**THE GROUP PROJECT SUBMITTED IN PARTIAL FULFILLMENT OF
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BACHELOR OF SCIENCE IN ZOOLOGY

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College of Excellence (UGC)
Coimbatore – 641029, Tamil Nadu, India.

APRIL – 2024

Hazard Identification and Biochemical Analysis of Rohu and Catla from Fish Markets in Coimbatore - A Pilot Study

**THE GROUP PROJECT SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE DEGREE OF
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APRIL-2024

**OBSERVATION OF BACTERIAL POPULATION IN SOIL SAMPLS
FROM NILGIRIS BIOSPHERE OF SOUTHERN INDIA**

**THE PROJECT SUBMITTED IN PARTIAL FULLFILLMENT OF THE
REQUIREMENT FOR THE DEGREE OF
BACHELOR OF SCIENCE IN ZOOLOGY**

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APRIL - 2024

DNA BARCODING OF COMMERCIALLY AVAILABLE MARINE CRAB *PORTUNUS SANGUINOLENTUS* BY USING MOLECULAR TECHNIQUES

**THE GROUP PROJECT IS SUBMITTED IN PARTIAL FULFILMENT
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APRIL – 2024

**GREEN SYNTHESIS OF COPPER OXIDE (CuO) NANOPARTICLES
USING ANNONA RETICULATA LEAF EXTRACT AND THEIR
ANTIMICROBIAL ACTIVITY**

**THE GROUP PROJECT IN THE PARTIAL FULFILMENT OF THE REQUIREMENT
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SUBMITTED BY

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Tamil Nadu, India.**

APRIL, 2024

**QUALITATIVE AND QUANTITATIVE PHYTOCHEMICAL ANALYSIS
OF RED SEAWEED *GRACILARIA CORTICATA* COLLECTED FROM
MANDAPAM COASTAL REGIONS, SOUTHEAST COAST OF INDIA.**

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APRIL – 2024

**CURRENT DISTRIBUTION STATUS AND PHYLOGENTIC
RELATIONSHIP OF ODONTANTHIAS PERUMALI
(PERCIFORMES: ANTHIADIDAE) FORM ARABIAN SEA,
INDIAN EXCLUSIVE ECONOMIC ZONE (EEZ)**

**THE PROJECT SUBMITTED IN PARTIAL FULLFILLMENT OF THE
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