

**PHYSICO-CHEMICAL PARAMETERS AND HEAVY METAL ANALYSIS IN
WATER AND SOIL OF APPAKUDAL LAKE, BHAVANI, ERODE DISTRICT,
TAMIL NADU**

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

BACHELOR OF SCIENCE IN ZOOLOGY

SUBMITTED BY

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SUBMITTED TO



DEPARTMENT OF ZOOLOGY

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Re-accredited by NAAC with A Grade

3.64 CGPA out of 4 (3rd Cycle)

College of Excellence (UGC)

Coimbatore – 641029, Tamil Nadu, India.

MARCH - 2020

**ASSESSMENT OF BIOCHEMICAL CHANGES IN THE FRESHWATER
FISHES LIKE *Catla catla*, *Labeo rohita* AND *Oreochromis mossambicus*.**

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FISHES LIKE *Catla catla*, *Labeo rohita* AND *Oreochromis mossambicus*.**

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MARCH - 2020

**EFFICACY OF COW DUNG AND ELEPHANT DUNG VERMICOMPOST ON
ROOT DEVELOPMENT IN MULBERRY PLANT BY AIR LAYERING
METHOD**

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

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MARCH - 2020

**AQUARIUM FISHES AND PLANTS CULTIVATION IN AQUAPONICS
SYSTEM**

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

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MARCH - 2020

HATCHERY TECHNIQUES OF *Litopenaeus vannamei*

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MARCH - 2020

**EXTRACTION AND ITS INVITRO ANTIOXIDANT, ANTIMICROBIAL AND
LARVICIDAL ACTIVITY OF LEMON GRASS OIL**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MARCH – 2020

**BIOSYNTHESIS OF CHITIN BASED ZINC NANOCOMPOSITES AND
EVALUATION OF ANTIMICROBIAL AND ANTICANCER POTENTIAL**
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MARCH – 2020

**DETERMINATION OF CALCIUM AND PHOSPHOROUS IN DIFFERENT
PRODUCTIVE STAGES OF *Holstein Friesian* COWS IN ANTHIYUR, ERODE
DISRICT OF TAMIL NADU**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MARCH – 2020

**EXPLORATION OF SECONDARY METABOLITES OF *Bacillus subtilis* ON
FOOD BORNE PATHOGEN**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MARCH – 2020

**CHARACTERIZATION OF FEATHER MICROCHARACTERS OF
SELECTED SPECIES SOUTHERN COUCAL *Centropus sinensis parroti*.**

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

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MARCH – 2020

**PRELIMINARY PHYTOCHEMICAL INVITRO ANTIOXIDANTS AND
ANTIMICROBIAL ACTIVITY OF *Leucas aspera*.**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MARCH – 2020

**ISOLATION AND MOLECULAR CHARACTERIZATION OF ANTIBIOTICS
RESIDENT *Salmonella typhi* FROM FRESH WATER SAMPLES.**

**THE DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE
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MARCH – 2020

**HEALTH STATUS OF HONEY BEE COLONIES AND DISEASE RELATED
RISK FACTORS FOR APIARY UNIT**

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MARCH – 2020

**DIVERSITY AND ABUNDANCE OF BUTTERFLIES AS POLLINATORS IN
THE SIRUVANI WATER FALLS AND SINGANALLUR LAKE,
COIMBATORE DISTRICT, TAMIL NADU, INDIA.**

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MARCH – 2020

**ISOLATION AND PRODUCTION OF PLANT GROWTH PROMOTORS BY
USING SOIL MICROBIAL ENZYMES**

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MARCH – 2020

**A STUDY ON DISTRIBUTION OF DRUG ADDICTED PEOPLE IN
THONDAMUTHUR VILLAGE**

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MARCH – 2020

**ANALYSIS OF PHYSICOCHEMICAL PARAMETERS AND COLIFORM
BACTERIAL DISTRIBUTION IN UKKADAM LAKE**

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MARCH – 2020

**ISOLATION CHARACTERIZATION AND ITS APPLICATION OF LIPASE
ENZYME PRODUCING MICROORGANISMS FROM DAIRY INDUSTRY
SAMPLE**

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MARCH – 2020

**GREEN SYNTHESIS OF SILVER NANOPARTICLES USING BSA AND ITS
APPLICATION**

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