

DIVERSITY OF BUTTERFLIES IN ADANAKOTTAI, PUDUKOTTAI DISTRICT

A dissertation submitted to
RAJAH SERFOJI GOVT. COLLEGE, (Autonomous), THANJAVUR.
Affiliated to Bharathidasan University, Thiruchirappalli
In partial fulfillment of the requirements
for award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

M.KARUPPUSAMY

Reg. No. 20PZO5601

Under the guidance of

Dr. P.MARIAPPAN



P.G AND RESEARCH DEPARTMENT OF ZOOLOGY

RAJAH SERFOJI GOVT. COLLEGE (Autonomous)

THANJAVUR – 613 005

APRIL-2022

TOXICOLOGICAL STUDIES ON FRESHWATER FISH *Labeo rohita*

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
in partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
A.MADHAVAN
(Reg. No. 20PZO5602)

Under the Guidance of
Dr. P. MARIAPPAN, M.Sc., M.Phil., Ph.D.,
Assistant Professor & Head



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY,
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS),
AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI,
THANJAVUR – 613 005,
TAMIL NADU
MAY - 2022**

Gut Microbial Diversity of Earthworm *Eisenia fetida* (Savigny, 1826)

Dissertation submitted to
Rajah Serfoji Govt. College (Autonomous), Thanjavur,
affiliated to Bharathidasan University, Tiruchirappalli
in partial fulfillment of the requirements for the award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

M. MANOJKUMAR
(Reg. No: 20PZO5603)

Under the guidance of

Dr. S.BABU, M.Sc., Ph.D.,



**P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
(Reaccredited with 'A' grade by NAAC)
THANJAVUR-613 005, TAMILNADU**

APRIL-2022

**EVALUATION OF PROXIMATE COMPOSITION AND *IN VITRO*
ANTI-INFLAMMATORY ACTIVITY OF MARINE CRAB *Portunus*
*pelagicus***

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
M. MARIMUTHU
(Reg. No. 20PZO 5604)

Under the Guidance of
Dr. S. SIVASURIYAN M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

**VERMISTABILIZATION OF POULTRY DROPPINGS WITH THE
EPIGEIC EARTHWORM, *EUDRILUS EUGENIAE* (KINBERG)**

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

**Submitted by
A. MARIYAPPAN
(Reg. No. 20PZO 5605)**

**Under the Guidance of
PROF. S. RAMANATHAN, M.Sc., M.Phil, B.Ed., F.A.Z.,**



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

EFFECTS OF SOYA CHUNK IN GROWTH AND BIOCHEMICAL PERFORMANCE OF *Oreochromis mossambicus* FINGERLINGS

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
P. PRAVEENRAJ
(Reg. No. 20PZO 5606)

Under the Guidance of
Dr. M. THANGADURAI, M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

**SUSTAINABLE BIOTREATMENT OF USED TEA WASTE USING
EUDTRILUS EUGENIAE (KINBERG)**

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
M.RANJITHKUMAR
(Reg. No. 20PZO 5607)

Under the Guidance of
Dr. R. RAVICHELVAN, M.Sc., M.Phil., B.Ed., Ph.D., PGDAC.



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

MOLECULAR TARGETTING PHYTO CHEMICAL COMPOUND OF AGAINST EGFR OF LUNG CANCER

A dissertation submitted to
RAJAH SERFOJI GOVT. COLLEGE, (Autonomous), THANJAVUR.
Affiliated to Bharathidasan University, Thiruchirappalli
In partial fulfillment of the requirements
for award of the degree of

**MASTER OF SCIENCE
IN
ZOOLOGY**

Submitted by
D.VIKNESHPRIYAN
Reg. No. 20PZO5608

Under the guidance of

Dr. P.MURUGAIAN, M.Sc., M.Tech., Ph.D.,



**P.G AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE (Autonomous)**

THANJAVUR – 613 005

APRIL-2022

**A RANDOM SURVEY OF WILD MUSHROOM DIVERSITY IN CERTAIN
SELECTIVE PLACES OF TAMILNADU**

A dissertation submitted to
Rajah Serfoji Government College (Autonomous) Thanjavur,
(Affiliated to Bharathidasan University, Tiruchrappalli)
In partial fulfillment of the requirements for the award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

B. ABINAYA

(Reg. No. 20PZO5609)

Under the Guidance of

Dr. M. SUNDARAMOORTHY, M.Sc., M.Phil., Ph.D.,



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE,
(AUTONOMOUS AND NAAC "A" GRADE COLLEGE)
THANJAVUR – 613 005, TAMILNADU, INDIA.**

MAY- 2022

PREPARATION OF CULTURE MEDIA USING BANANA PULP SUPPLEMENT

A dissertation submitted to
Rajah Serfoji Government College (Autonomous) Thanjavur,
(Affiliated to Bharathidasan University, Tiruchrappalli) in partial fulfillment
of the requirements for the award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

D. ABIRAMI

(Reg. No. 20PZO5610)

Under the Guidance of

Dr. M. SUNDARAMOORTHY, M.Sc., M.Phil., Ph.D.,



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE,
(AUTONOMOUS AND NAAC "A" GRADE COLLEGE)
THANJAVUR – 613 005, TAMILNADU, INDIA.**

MAY- 2022

EVALUATION OF PROXIMATE COMPOSITION AND *IN VITRO* ANTI-INFLAMMATORY ACTIVITY OF PRAWN *Fenneropenaeus indicus*

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

**Submitted by
B. DHANUSHIYA
(Reg. No. 20PZO 5611)**

**Under the Guidance of
Dr. P. RAJA, M.Sc., M.Phil., Ph.D., PGDCA., PGDWPM.,
Assistant Professor**



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

EFFECT OF MERCURIC CHLORIDE ON BIOCHEMICAL AND OXIDATIVE STRESS MARKER OF *Catla catla* FINGERLINGS

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

A. GOWTHAMI
(Reg. No. 20PZO5612)

Under the Guidance of

Dr. M. SUKUMARAN, M.Sc., B.Ed., Ph.D.,

Assistant Professor



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY – 2022

PHYTOCHEMICAL ACTIVITY OF *ANDROGROPHICS PANICULATA* AGAINST DENGUE VIRUS BY MOLECULAR DOCKING ANALYSIS

A dissertation submitted to
RAJAH SERFOJI GOVT. COLLEGE, (Autonomous), THANJAVUR.
Affiliated to Bharathidasan University, Thiruchirappalli
In partial fulfillment of the requirements
for award of the degree of

**MASTER OF SCIENCE
IN
ZOOLOGY**

Submitted by
P.PRABHA
Reg. No. 20PZO5613

Under the guidance of
Dr.S.RAVIKUMARM.Sc., M.Phil., Ph.D.,



**P.G AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE (Autonomous)
THANJAVUR – 613 005**

APRIL-2022

EVALUATION OF PHYSICO CHEMICAL ANALYSIS OF BORE WELL WATER FROM MELAMARUTHUR, THIRUVARUR DISTRICT, TAMIL NADU

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
in partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
K. PRADEEPA
(Reg. No. 20PZO 5614)

Under the Guidance of
Dr. K. M. SUBBU RATHINAM, M.Sc., M.Phil., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY,
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS),
AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

BIOCHEMICAL ANALYSIS AND ASSESSMENT OF *IN VITRO* ANTI-DIABETIC ACTIVITY OF FISH *Oreochromis niloticus*

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

**Submitted by
S. SARANYA
(Reg. No. 20PZO 5615)**

**Under the Guidance of
Dr. P. RAJA, M.Sc., M.Phil., Ph.D., PGDCA., PGDWPM.,
Assistant Professor**



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

Probiotic Activity of Gut Microflora Isolated from Earthworm *Eisenia fetida* (Savigny, 1826) on *Channa punctata* (Bloch, 1793)

Dissertation submitted to
Rajah Serfoji Govt. College (Autonomous), Thanjavur,
affiliated to Bharathidasan University, Tiruchirappalli
in partial fulfillment of the requirements for the award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

T. VISHNUPRIYA
(Reg. No: 20PZO5616)

Under the guidance of

Dr. S.BABU, M.Sc., Ph.D.,



**P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
(Reaccredited with 'A' grade by NAAC)
THANJAVUR-613 005, TAMILNADU**

APRIL-2022

COMPARATIVE ANALYSIS OF PROXIMATE COMPOSITION AND ANTIOXIDANT CAPACITY IN VILLAGE COW FRESH MILK AND COMMERCIAL MILK

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
K. MUTHULAKSHMI
(Reg. No. 17PZO 4114)

Under the Guidance of
Dr. M.THANGADURAI, M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

EVALUATION OF LARVICIDAL ACTIVITY USING *Thespesia populnea* BARK EXTRACT

**Dissertation submitted to RAJAH SERFOJI GOVERNMENT COLLEGE
THANJAVUR (Autonomous, accredited with A grade by NAAC and DST-FIST
College) Affiliated to Bharathidasan University in partial fulfillment of the
requirements for the degree of**

**MASTER OF SCIENCE
IN
ZOOLOGY**

by

**R. ASHOKKUMAR
(Reg. No. 20PZO5651)**

**Under the guidance of
Dr. K. RAMESHKUMAR, Ph.D.**



**P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE (Autonomous)
THANJAVUR – 613 005
TAMILNADU**

MAY – 2022

EVALUATION OF BIOCHEMICAL PERFORMANCE IN *Vigna radiata* SEEDS SUPPLEMENTATION ON *Catla catla* FINGERLINGS

**Dissertation submitted to RAJAH SERFOJI GOVERNMENT COLLEGE
THANJAVUR (Autonomous, accredited with A grade by NAAC and DST-FIST
College) Affiliated to Bharathidasan University in partial fulfillment of the
requirements for the degree of**

**MASTER OF SCIENCE
IN
ZOOLOGY**

by

**P. DHIVAKAR
(Reg. No. 20PZO5652)**

**Under the guidance of
Dr. K. RAMESHKUMAR, Ph.D.**



**P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE (Autonomous)
THANJAVUR – 613 005
TAMILNADU**

MAY – 2022

**COMPARATIVE STUDY ON BIOCHEMICAL ANALYSIS OF PRAWN
Fenneropenaeus indicus IN TWO DIFFERENT LOCATION OF
RAMESWARAM AND NAGAPATTINAM, TAMIL NADU - INDIA**

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
V. MANIKANDAN
(Reg. No. 20PZO 5653)

Under the Guidance of
Dr. S. SIVASURIYAN M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

**POPULATION DYNAMICS OF EARTHWORM AND SOIL
PARAMETERS OBSERVED IN THREE DIFFERENT AGRO-
ECOSYSTEMS IN PUDUKKOTTAI DISTRICT, TAMIL NADU**

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
P. RAJAPANDI
(Reg. No. 20PZO 5654)

Under the Guidance of
Dr. R. RAVICHELVAN, M.Sc., M.Phil, B.Ed., Ph.D., PGDAC.



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

EFFECT OF VERMICONVERSION OF PIG WASTE INTO SIGNIFICANT COMPOST FOR PLANT GROWTH

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

**Submitted by
D. SAKTHIVEL
(Reg. No. 20PZO 5655)**

**Under the Guidance of
Dr. R. RAVICHANDRAN, M.Sc., M.Phil, B.Ed., Ph.D., PGDAC.**



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

A STUDY ON LIFE CYCLE OF EARTH WORM IN PERIONYX EXCAVATUS

A Dissertation submitted to

**RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS),
THANJAVUR-5**

Affiliated to **BHARATHIDASAN UNIVERSITY**, Thiruchirappalli-24
in partial fulfillment of the requirements for the award of the degree of

**MASTER OF SCIENCE
IN ZOOLOGY**

Submitted By

V. SANTHOSH

Reg. No : 20PZO 5656

Under the guidance of

Dr.R. RAVICHANDRAN M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,

Associate Professor of Zoology



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE (AUTONOMOUS),
THANJAVUR 613 005.**

MAY- 2022

NUTRITIONAL ANALYSIS IN PRAWN *Fenneropenaeus indicus* AND EVALUATION OF *IN VITRO* ANTI-OXIDANT ACTIVITY

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

N. VINITH

(Reg. No. 20PZO5658)

Under the Guidance of

Dr. M. SUKUMARAN, M.Sc., B.Ed., Ph.D.,

Assistant Professor



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY – 2022

WATER QUALITY ANALYSIS AND ZOOPLANKTON DIVERSITY IN POND WATER AT SAMUTHAYAM THIRUVARUR DISTRICT

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
in partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
T. RANJITHA
(Reg. No. 20PZO 5659)

Under the Guidance of
Dr. K. M. SUBBU RATHINAM, M.Sc., M.Phil., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY,
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS),
AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI,
THANJAVUR – 613 005,
TAMIL NADU**

MAY - 2022

Antibiotic Activity of Gut Microflora Isolated from Earthworm *Eisenia fetida* (Savigny, 1826) on Soil Bacteria.

Dissertation submitted to
Rajah Serfoji Govt. College (Autonomous), Thanjavur,
affiliated to Bharathidasan University, Tiruchirappalli
in partial fulfillment of the requirements for the award of the degree of

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

V. SIVARANJANI
(Reg. No: 20PZO5661)

Under the guidance of

Dr. S.BABU, M.Sc., Ph.D.,



**P.G. AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)
(Reaccredited with 'A' grade by NAAC)
THANJAVUR-613 005, TAMILNADU**

APRIL-2022

COMPUTER AIDED DRUG DEVELOPMENT OF *PLUMERIA ALBA* PHYTO CHEMICAL COMPOUND AGAINST SPIKE PROTEIN OF CORONA VIRUS

A dissertation submitted to
RAJAH SERFOJI GOVT. COLLEGE, (Autonomous), THANJAVUR.
Affiliated to Bharathidasan University, Thiruchirappalli
In partial fulfillment of the requirements
for award of the degree of

**MASTER OF SCIENCE
IN
ZOOLOGY**

Submitted by
K.SNEHA
Reg. No. 20PZO5662

Under the guidance of
Dr. P.MURUGAIAN, M.Sc., M.Tech., Ph.D.,



**P.G AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE (Autonomous)**

THANJAVUR – 613 005

APRIL-2022

PHYSICO-CHEMICAL ANALYSIS OF CORPORATION AND COMMERCIAL WATER FROM THANJAVUR, TAMIL NADU, INDIA

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
N. SOBIGA
(Reg. No. 20PZO 5663)

Under the Guidance of
Dr. S. RAVIKUMAR, M.Sc., M.Phil., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

**EVALUATION OF HEMATOLOGY AND BIOCHEMICAL PROFILE IN
FRESHWATER FISH *Catla catla* AND *Oreochromis mossambicus***

*A project submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by
S. SWETHA
(Reg. No. 20PZO 5664)

Under the Guidance of
Dr. S. SIVASURIYAN M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY - 2022

PHYTOPLANKTON DIVERSITY IN RAJAPATTI FRESHWATER POND, PUDUKOTTAI, TAMIL NADU

*A dissertation submitted to
Rajah Serfoji Govt. College (Autonomous) Thanjavur,
Affiliated to Bharathidasan University, Tiruchirappalli
In partial fulfillment of the requirements for the award of the degree of*

MASTER OF SCIENCE IN ZOOLOGY

Submitted by

S. VANMATHI
(Reg. No. 20PZO5665)

Under the Guidance of

Dr. M. SUKUMARAN, M.Sc., B.Ed., Ph.D.,

Assistant Professor



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVT. COLLEGE, (AUTONOMOUS)
THANJAVUR – 613 005
TAMIL NADU**

MAY – 2022

**LABORATORY EVOLUTION AND CHARACTERIZATION OF *BACILLUS*
THURINGIENSIS STRAINS FOR MOSQUITO CONTROL**

Dissertation submitted to RAJAH SERFOJI GOVERNMENT COLLEGE
THANJAVUR (Autonomous, accredited with A grade by NAAC and DST-FIST college)
(Affiliated to Bharathidasan University, Tiruchirappalli) In partial fulfillment of the
requirements for the award of the degree of

**MASTER OF SCIENCE IN
ZOOLOGY**

Submitted by

V.VIJILA

(Reg. No. 20PZO5666)

Under the Guidance of

Dr. K.RAMESHKUMAR, M.Sc., M.Phil., Ph.D.,



**PG & RESEARCH DEPARTMENT OF ZOOLOGY
RAJAH SERFOJI GOVERNMENT COLLEGE,
(AUTONOMOUS AND NAAC "A" GRADE COLLEGE)
THANJAVUR – 613 005, TAMILNADU, INDIA.**

MAY- 2022