

**A STUDY ON ORGANISMS ISOLATED FROM NON HEALING  
ULCER CASES IN A TERTIARY CARE HOSPITAL**

*A DISSERTATION SUBMITTED TO GOVERNMENT SCIENCE COLLEGE, CHATRAPUR FOR THE  
PARTIAL FULFILMENT OF THE AWARD OF THE POST GRADUATE DEGREE IN ZOOLOGY*

*By*

**KUNI PRADHAN**

**Roll No: ZOOL-24-004  
Exam Roll No: 24-ZOOL-0044  
Paper –ZOOL-D -405  
SESSION:2024-2026**

*Under the Supervision of*

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**POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE  
CHATRAPUR**

## DECLARATION

I, **Kuni Pradhan**, hereby declare that the work presented in this dissertation thesis entitled "**A Study On Organisms Isolates From Non Healing Ulcer Cases In A Tertiary Care Hospital**" herein is original work done by me. The work presented is genuine and has not been submitted for any other degree or diploma. Any literature date or work done by other and cited within this thesis has given due acknowledgement and listed in the reference section. This work was conducted under the supervision of Dr. Sugyani and Dr. Diana Pradhan and is submitted in partial fulfillment of the requirements for the 4<sup>th</sup> semester Postgraduation Science (Zoology Honours) Examination.

Place: *chatrapur*

Date: *19.05.26*

*Kuni Pradhan*  
Full Signature

# PROJECT REPORT

A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE  
REQUIREMENTS FOR THE AWARD OF POST GRADUATE DEGREE OF  
SCIENCE IN ZOOLOGY

**DIVERSITY AND DISTRIBUTION OF MIGRATORY BIRDS IN CHILIKA LAKE**

**SUBMITTED TO THE DEPARTMENT OF ZOOLOGY**

**BY**

**AMINADAB RAIKA**

**ROLL NO; 24Z00L0038**

**SESSION; 2024-2026**

**PAPER CODE- Z00L D 405**



**UNDER THE GUIDANCE OF**

**Dr. Shuchismita Behera**

**Assistant Professor**

**POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE CHATRAPUR**

# DECLARATION

I, **Aminadab Raika**, Roll No **24ZOOL0038**, hereby declare that the work presented in this dissertation/project entitled "Diversity and distribution of migratory birds in Chilika Lake" is an original work carried out by me. The work presented in this project is genuine and has not been submitted previously for the award of any degree or in any university or institution. Any literature, data, or work done by others and cited in this project has been duly acknowledged and listed in the References section.

This work was conducted under the supervision of **Dr. Shuchismita Behera** and is submitted in partial fulfillment of the requirements for the 4th Semester Post-graduate Science (Zoology Honours) Examination.

Place; *Chatrapur*

Date; *19.05.2026*

*Aminadab Raika*

Full signature

**A PROJECT REPORT ON CURRENT SITUATION OF  
STRAY DOGS POPULATION IN BERHAMPUR,  
ODISHA**

**A DISSERTATION**

**SUBMITTED TO THE GOVERNMENT SCIENCE COLLEGE,  
CHATRAPUR FOR THE PARTIAL FULFILMENT OF THE AWARD  
OF THE POST GRADUATE DEGREE IN ZOOLOGY**

**SUBMITTED BY**

**DEBANSHI BEHERA**

**ROLL NO : ZOOL24-019**

**EXAM ROLL NO. : 24ZOOL0043**

**PAPER CODE : ZOOL-D-405**

**SESSION: 2024-2026**

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**P.G. Dept. of Zoology**

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**(Veterinary Specialist)**

**Veterinary Hospital,**

**Berhampur**



**POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE**

**CHATRAPUR**

## DECLARATION

I Debanshi Behera, Roll no- 24ZOOOL0043, hereby declare that the work presented in this dissertation thesis entitled “**A Project Report On Current Situation of Stray Dogs Population In Berhampur, Odisha**” herein is original work done by me. The work presented is genuine and has not been submitted for any other degree or diploma. Any literature date or work done by other and cited within this thesis has given due acknowledgement and listed in the reference section. This work was conducted under the supervision of Dr. Satya Narayana Kar and Dr. Shuchismita Behera and is submitted in partial fulfillment of the requirements for the 4<sup>th</sup> semester Postgraduation Science (Zoology Honours) Examination.

Place: *Chatrapur*

Date: *18-05-2026*

*Debanshi<sup>o</sup> Behera*

Full Signature

# PROJECT REPORT

A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD  
OF POST GRADUATE DEGREE OF SCIENCE IN ZOOLOGY

SURVEY OF INSECT DIVERSITY IN A CHATRAPUR AREA IN GANJAM DISTRICT

SUBMITTED TO THE DEPARTMENT OF ZOOLOGY

BY

REETA BADAMUNDI

ROLL NO- 24ZOO0048

SESSION-2024-26

PAPER CODE- ZOOOL D 405



UNDER THE GUIDANCE OF

DR. DIANA PRADHAN

ASSISTANT PROFESSOR

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CHATRAPUR

# DECLARATION

I, Reeta Badamundi, Roll No 24ZOOOL0048, hereby declare that the work presented in this dissertation/project entitled "Survey of insect diversity in a Chatrapur area Ganjam district" is an original work carried out by me.

The work presented in this project is genuine and has not been submitted previously for the award of any degree or in any university or Institution. Any literature, data, or work done by others and cited in this project has been duly acknowledged. Listed in the References section.

This work was conducted under the supervision of Dr. Diana Pradhan and is submitted for partial fulfillment of the requirements for the 4th Semester Post-graduate Science (Zoology Honours) Exam.

Place *Chatrapur*

*Reeta Badamundi*  
Full signature

Date; *19.05.2026*

# PROJECT WORK

A DISSERTATION SUBMITTED TO GOVERNMENT SCIENCE COLLEGE,  
CHATRAPUR FOR THE PARTIAL FULFILMENT OF THE AWARD OF THE POST  
GRADUATE DEGREE IN ZOOLOGY

A REPORT ON PREVAILING APICULTURE  
PRACTICES IN GANJAM DISTRICT ,ODISHA

BY

MEGHALIN GOUDA

ROLL NO : 24ZOOLO046

SESSION : 2024-2026

PAPER CODE : ZOOLO D 405



UNDER THE GUIDANCE OF DR. DIANA PRADHAN

ASSISTANT PROFESSOR

POST GRADUATE DEPARTMENT OF ZOOLOGY

GOVERNMENT SCIENCE COLLEGE CHATRAPUR

## DECLARATION

I, Meghalin gouda, Roll No 24ZOOOL0046, hereby declare that the work presented in this dissertation/project "A report on prevailing apiculture practices of ganjam district, ODISHA" is an original work carried out by me. The work presented in this project is genuine and has not been submitted previously for the award of any degree or in any university or institution. Any literature, data, or work done by others and cited in this project has been duly acknowledged and listed in the References section.

This work was conducted under the supervision of Dr. Diana pradhan and is submitted in partial fulfilment of the requirements for the 4th Semester Post-graduate Science (Zoology Honours) Examination.

Place: *Chatrapur*  
Date *19/05/26*

*Meghalin Gouda*  
Full signature

**A report on fins and scales morphology of locally available fish species  
from Ganjam coast, Odisha**

*A DISSERTATION SUBMITTED TO GOVERNMENT SCIENCE COLLEGE, CHATRAPUR FOR THE  
PARTIAL FULFILMENT OF THE AWARD OF THE POST GRADUATE DEGREE IN ZOOLOGY*

*By*

**SUSHREE SUBHASHMITA PRIYADARSHINI**

**Roll No: ZOOL24-022**

**Exam Roll No: 24ZOOL051**

**SESSION: 2024-2026**

*Under the Supervision of*

**Dr. Diana Pradhan  
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P.G. Dept. of zoology  
Govt. Science College, Chatrapur**



**POST GRADUATE DEPARTMENT OF ZOOLOGY  
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CHATRAPUR**

## DECLARATION

I, SUSHREE. S. PRIYADARSHINI, bearing the Roll no.-24ZOOI0051 hereby declare that the work presented in this dissertation thesis entitled “**A report on fins and scales morphology locally available fish species from Ganjam , Odisha**” herein is original work done by me. The work presented is genuine and has not been submitted for any other degree or diploma. Any literature date or work done by other and cited within this thesis has given due acknowledgement and listed in the reference section. This work was conducted under the supervision of Dr. Diana Pradhan and is submitted in partial fulfillment of the requirements for the 4<sup>th</sup> semester Postgraduation Science (Zoology Honours) Examination.

Place: *chatrapur*

Date: *19/05/2026*

*Sushree Subhasmita  
Priyadarshini*  
Full Signature

# A REPORT ON DIVERSITY OF BUTTERFLIES IN THE STATE BOTANICAL GARDEN, BHUBANESWAR, ODISHA

A DISSERTATION SUBMITTED TO GOVERNMENT SCIENCE COLLEGE, CHATRAPUR FOR THE  
PARTIAL FULFILMENT ON THE AWARD OF THE POST GRADUATION DEGREE IN ZOOLOGY

**By**

**ANKITA PATTANAİK**

**ROLL No: ZOOL24-014**

**EXAM ROLL No: 24ZOOL0039**

*Under the supervision of*

**Dr. Diana Pradhan**

**Assistant Professor**

**P.G. Dept. ZOOLOGY**

**Govt. Science College, Chatrapur**



**POST GRSDUSTION DEPARTMENT OF ZOOLOGY, GOVERNMENT  
SCIENCE COLLEGE, CHATRAPUR**

## DECLARATION

I, ANKITA PATTANAİK, hereby declare that the work presented in this thesis entitled "A Report on Diversity of Butterflies in the State Botanical Garden, Bhubaneswar, Odisha herein is original work done by me. The work presented is genuine and not been submitted for any other degree or diploma. Any literature date or work done by other and cited within this thesis has given due acknowledgement and listed in reference section. This work was conducted under the supervision of Dr. Diana Pradhan and is submitted in partial fulfilment of the requirements for the 4<sup>th</sup> semester Postgraduation Science (Zoology Honours) Examination.

Place: *Chatrapur*

Date: *19.05.2026*

*Ankita Pattanaik*  
Full Signature

BACTERIOLOGICAL PROFILE AND ANTIBIOTIC SUSCEPTIBILITY  
PATTERN IN UROPATHOGENS COLLECTED FROM CLINICAL URINE  
SAMPLE, MKCG MEDICAL COLLEGE AND HOSPITAL, BERHAMPUR,  
GANJAM

A DISSERTATION SUBMITTED TO GOVERNMENT SCIENCE COLLEGE, CHHATARPUR FOR THE PARTIAL  
FULFILMENT OF THE AWARD OF THE POST GRADUATE DEGREE IN ZOOLOGY

*Submitted By*

**ANUSWAYA NAHAK**

**Class roll no -ZOOL-24-016**

**Exam Roll No:24ZOOL0040**

**SESSION: 2024-2026**

*Under the Supervision of*

Dr. Diana Pradhan  
Assistant Professor and HOD  
P.G. Dept. of Zoology  
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Dr. Sephali Agarwal  
Senior Resident  
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POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE, CHATRAPUR

## DECLARATION

I, ANUSWAYA NAHAK, hereby declare that the work presented in this dissertation thesis entitled “**Bacteriological Profile And Antibiotic Susceptibility Pattern In Uropathogens Collected From Clinical Urine Sample, MKCG Medical College And Hospital**” here in is original work done by me. The work presented is genuine and has not been submitted for any other degree or diploma. Any literature date or work done by other and cited within this thesis has given due acknowledgement and listed in the reference section. This work was conducted under the supervision of **Dr. Diana Pradhan** Assistant Professor and HOD Zoology and **Dr. Sephali Agarwal** Senior Resident of Microbiology Department, MKCG, submitted in partial fulfilment of the requirements for the 4<sup>th</sup> semester Postgraduation Science (Zoology Honours) Examination.

Place- *Chhatrapur*

Date- *19/05/2026*

*Anuswaya Nahak*  
Signature

# A STUDY ON MULTIDRUG RESISTANCE ORGANISMS ISOLATED FROM BLOOD CULTURE IN A TERTIARY CARE HOSPITAL.

A dissertation submitted to Government Science College ,Chatrapur for the partial fulfilment of the award of the Post Graduate degree in zoology.



BY

SASWATI SOUMYA PATTANAİK  
CLASS ROLLNO. ZOOL-24-006  
EXAM ROLLNO. 24ZOOL0049  
SESSION : 2024-26



**DR. DIANA PRADHAN**

HEAD AND ASSISTANT  
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COLLEGE, CHATRAPUR

**DR. SUGYANIRANI HOTTA**

SENIOR RESIDENT,  
DEPT. OF MICROBIOLOGY,  
MKCG MCH, BERHAMPUR.



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ , ଛତ୍ରପୁର



**POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE  
CHATRAPUR**



# DECLARATION

I hereby declare that the dissertation entitled "**A Study on Multidrug Resistance Organisms Isolated from Blood Culture in a Tertiary Care Hospital**" submitted by me represents my ideas in my own words and where others ideas or words have been included; I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Saswati Soumya Pattanaik (Signature)

Name of the student: Saswati Soumya Pattanaik

Roll No. 24ZOOL0049

Date: 19.05.2026

Place: Chatrapur

## **A PROJECT REPORT ON**

### **“BODY MASS INDEX OF SCHOOL CHILDREN”**

Project report submitted for the partial Fulfillment OF 4th semester  
PG science (Zoology Honors) Examination, 2026

#### Submitted By

Monika Mahankuda  
Class Roll No: ZOOL 24-007  
Exam Roll No 24ZOOL0047

#### Under the guidance of

Dr. Shuchismita Behera (Assistant professor)  
PG Department of Zoology  
Science College Chatrapur.



ସରକାରୀ ବିଜ୍ଞାନ ମହାବିଦ୍ୟାଳୟ , ଛତ୍ରପୁର

Post Graduate Department of zoology  
Government science college, chatrapur.

## DECLARATION

I, Monika Mahankuda, hereby declare that the dissertation entitled "**BODY MASS INDEX OF SCHOOL CHILDREN**" being submitted to the Department OF Zoology, Govt. science college chatrapur for the Partial Fulfillment of the degree of M.Sc in zoology is the result of the benefited research work carried out by me under the guidance of Dr. Suchismita Behera, Assistant professor, Department of Zoology, Govt. science college Chatrapur.

I Further declare that this work has not been submitted by me or by anyone else other university or institution for the award of any degree or diploma.

Place: *Chatrapur*

Date: *18-5-2026*

*Monika Mahankuda*  
*Signature*

# Project Report

A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE  
AWARD OF POST GRADUATE DEGREE OF SCIENCE IN ZOOLOGY

ECOLOGICAL AND SOCIOECONOMIC ASSESSMENT OF HUMAN-WILDLIFE CONFLICT IN  
KHALLIKOTE ZONE IN GANJAM DISTRICT

SUBMITTED TO THE DEPARTMENT OF ZOOLOGY BY

**ARATI JENA**

**ROLL NO- 24ZOO0041**

**SESSION-2024-26**

**PAPER CODE- ZOO D 405**



UNDER THE GUIDANCE OF

**Dr. Shuchismita Behera**

**Assistant Professor**

POST GRADUATE DEPARTMENT OF ZOOLOGY GOVERNMENT SCIENCE COLLEGE  
CHATRAPUR

## DECLARATION

I, Arati Jena, Roll No 24ZOO0041, hereby declare that the work presented in this dissertation/project entitled "Ecological and socioeconomic assessment of Human wildlife conflict in Khallikote zone in Ganjam district " is an original work carried out by me. The work presented in this project is genuine and has not been submitted previously for the award of any degree or in any university or institution. Any literature, data, or work done by others and cited in this project has been duly acknowledged and listed in the References section. This work was conducted under the supervision of Dr. Shuchismita Behera and is submitted in partial fulfillment of the requirements for the 4th Semester Post-graduate Science (Zoology Honours) Exam

Place

Chhatrapur.

Date ;

18-05-26

Arati Jena

Full signature

# Microplastic Contamination in Different Organs of Marine Fishes Along the Ganjam Coast, Odisha, India

*A DISSERTATION SUBMITTED TO GOVERNMENT SCIENCE COLLEGE, CHATRAPUR FOR THE  
PARTIAL FULFILMENT OF THE AWARD OF THE POST GRADUATE DEGREE IN ZOOLOGY*

*Submitted By*

**MANISHA NAHAK**

**Roll No: ZOOL-24-001**  
**Exam Roll No: 24ZOOL0045**  
**Paper: ZOOL-D-405**  
**SESSION: 2024-2026**

Under the Supervision of

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Assistant Professor  
P.G. Department of Zoology  
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B. Anjan Kumar Prusty

Professor and Head  
Department of Environmental Science  
Berhampur University, BhanjaBihar



POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE, CHATRAPUR

## DECLARATION

I **Manisha Nahak**, hereby declare that the presented work of dissertation thesis bearing the title "**Microplastic Contamination in Different Organs of Marine Fishes Along The Ganjam Coast, Odisha, India**" herein is original work done by me. The demonstrated work is authentic and has not been used for submission in any other degree or diploma. The literary or factual data referred in the study are given proper acknowledgment and are mentioned in the reference part. This work was conducted under the supervision of **Dr. Shuchismita Behera** and **Prof. B. Anjan Kumar Prusty** and is presented regarding the partial fulfillment of the criterion required for the 4th semester Post graduation Science (Zoology Honours) Examination.

Place: *Chatrapur*

Date: *18/05/26*

*Manisha Nahak*  
Full signature

# PROJECT REPORT

A DISSERTATION SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR  
THE AWARD OF THE DEGREE OF MASTER OF SCIENCE IN ZOOLOGY

**FEEDING HABITAT OF MIGRATORY BIRDS IN CHILIKA LAKE**

SUBMITTED TO

THE DEPARTMENT OF ZOOLOGY

BY

ASHOK KUMAR BEHERA

ROLL NO:24Z00L0042

SESSION 2024-2026

PAPER CODE Z00L D 405



UNDER THE GUIDANCE OF

Dr. Shuchismita Behera  
Assistant professor

POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE CHATRAPUR

## DECLARATION

I, Ashok Kumar Behera, bearing Roll Number 24ZOO0042 hereby declare that the work presented in this dissertation/project entitled "FEEDING HABITAT OF MIGRATORY BIRDS IN CHILIKA LAKE" is an original work carried out by me. The work presented in this project is genuine and has not been submitted previously for the award of any degree or diploma in any university or institution.

Any literature, data, or work done by others and cited in this project has been duly acknowledged and listed in the References section.

This work was conducted under the supervision of Dr. Shuchismita Behera and is submitted in partial fulfilment of the requirements for the 4th Semester Postgraduate Science (Zoology Honours) Examination

Place *Chadapuri*  
Date *19/05/2026*

*Ashok Kumar Behera*

Full signature

**Ecosystem Responses to Shifting Cultivation: Soil Nutrient Status and  
Macrofaunal Dynamics in an Agrobiodiversity Hotspot of the Eastern  
Ghats, India**

*A dissertation submitted to government science college, Chatrapur for the partial  
fulfilment of the award of the post graduate degree in zoology*

**Submitted By**

**Swayam Prakasini Behera**

**Class roll no: ZOOL-24-005**

**Exam Roll No: 24ZOOL0052**

**Paper: ZOOL-D-405**

**SESSION: 2024-2026**

***Under the Supervision of***

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**Assistant Professor**

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**Professor and Head**

**Department of Environmental Science**

**Berhampur University, Bhanja Bihar**



**POST GRADUATE DEPARTMENT OF ZOOLOGY  
GOVERNMENT SCIENCE COLLEGE,  
CHATRAPUR**

## DECLARATION

I, **Swayam Prakasini Behera**, hereby declare that the work presented in this dissertation thesis entitled “**Ecosystem Responses to Shifting Cultivation: Soil Nutrient Status and Macrofaunal Dynamics in an Agrobiodiversity Hotspot of the Eastern Ghats, India**” herein is original work done by me. The work presented is genuine and has not been submitted for any other degree or diploma. Any literature data or work done by other and cited within this thesis has given due acknowledgement and listed in the reference section. This work has been conducted under the supervision of **Dr. Shuchismita Behera** and **Prof. B. Anjan Kumar Prusty** and is submitted in partial fulfilment of the requirements for the **Postgraduation Science (Zoology Honours)** Examination.

Place- *Chatrapur*

*Swayam Prakasini Behera*  
Signature

Date- *19.05.26*