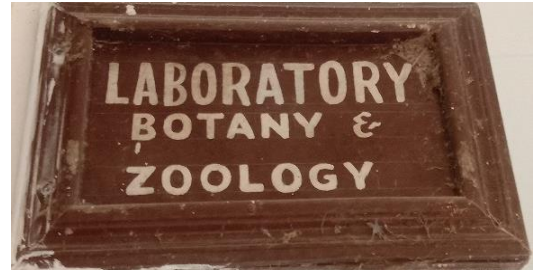
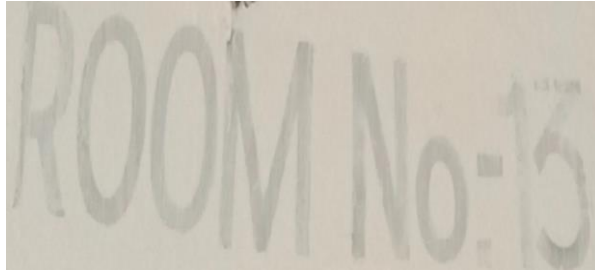


**GOVT. WOMEN'S DEGREE
COLLEGE
STATION ROAD, PURI, ODISHA**



DEPARTMENT OF ZOOLOGY



IMPORTANCE OF ZOOLOGY

- The study of zoology focuses on all kinds of animals. Whether big or small, zoology looks into their biology; the how and why behind their environments; as well as ways to sustain their lives alongside humankind.
- Through the study of zoology, you can gain an understanding of the natural world and we can help with conservation.
- It also offers the opportunity to consider ways to face global challenges such as climate change and food security, trying to find solutions to help both animals and humans alike.
- By studying zoology, not only do we consider exotic animals but also farm livestock, companion animals and insects.
- Students can study organisms from their whole form down to their molecular level in labs and out in the field.
- The diversity of the study enables students to find an area that interests them and pursue it.
- Whether your interest lies in entomology, environmental management or working out in the field applying your knowledge, you can study your passions and take them forward into the wider field.

HISTORY OF THE DEPARTMENT

- Hons. course started in year 2018 academic batch
- Initiated with 16 Nos. of seats.

1ST BATCH OF ZOOLOGY HONS.



2ND BATCH OF ZOOLOGY HONS.



Vision & Mission

Vision:-

The department promote the discovery and broad knowledge about the biology of animals, evolution and their environment. The holistic development of student and make them able to contribute effectively for their welfare and society in this dynamic era.

Mission:-

- To produce leadership in science and technology.
- To sensitize human society for animal welfare, conservation and protection of biodiversity.
- To create awareness of INSITU conservation of wild life.
- To develop the attitude of the students to concentrate on applied science aspects.
- To develop research aptitude and a scientific advancement.

FACULTY MEMBERS OF **THE DEPARTMENT**

Co-Ordinator – Abhisek Satapathy

Designation – Asst. Professor in Mathematics

NAME	QUALIFICATION	DESIGNATION	SPECIALIZATION
Mrs. Subhransi Mishra	M.Sc. in Zoology	Faculty in Zoology	Biochemistry
Shushree Satyaswagatika Sahoo	M.Sc. in Zoology Pre-Ph.D. course work in Zoology B.Ed Batch- 2021-23	Faculty in Zoology	Cell and Molecular Biology
Dr. Suchismita Mohapatra	M.Sc. in Zoology Ph.D. in Zoology B.Ed.	Faculty in Zoology	

TEACHER PROFILE

Name: Mrs. Subhransi Mishra

Designation: Faculty in Zoology

Qualification: M.Sc.in Zoology

Teaching Experience: 12years

Specialization: Biochemistry



TEACHER PROFILE

Name: Shushree Satyaswagatika Sahoo

Designation: Faculty in Zoology

Qualification: Pre-Ph.D. course work in
Zoology, B.Ed.

Teaching Experience: 2years

Specialization: Cell and Molecular Biology



TEACHER PROFILE

Name: Dr. Suchismita Mohapatra

Designation: Faculty in Zoology

Qualification: Ph.D. in Zoology, B.Ed.

Teaching Experience: 3years

Paper Publication: 05



STUDENT STRENGTH

Sl. No	Session	Sanctioned Strength	Admitted
01	2018-19	16	12
02	2019-20	16	13
03	2020-21	16	10
04	2021-22	16	12
05	2022-23	16	13

COURSES OFFERED TO STUDENTS

B.Sc.(Hons.) according to New Model C.B.C.S. Syllabus.

1. BSc 1st YEAR

CORE 1 - Non-chordates I (Protista to Pseudocoelomates)

CORE 2 - Principles Of Ecology

CORE 3 - Non-chordates II (Coelomates)

CORE 4 - Cell biology

2. BSc 2nd YEAR

CORE 5 - Diversity and distribution of Chordates

CORE 6 - Physiology : Controlling and coordinating system

CORE 7 - Fundamentals of Biochemistry

CORE 8 - Comparative Anatomy of Vertebrates

CORE 9 - Physiology : Life sustaining system

CORE 10 - Biochemistry of metabolic processes

3. BSc 3rd YEAR

CORE 11 - Molecular biology

CORE 12 - Principles of Genetics

CORE 13 - Developmental Biology

CORE 14 - Evolutionary Biology

DSE 1 - Animal Behaviour and Chronobiology

DSE 2 - Immunology

DSE 3 - Fish and Fisheries

DSE 4 - Economic Zoology / Project Work

MENTORING STEPS BY THE DEPARTMENT

- **Doubt Clearing Classes**
- **Surprise Test**
- **Question Bank**



COURSE OUTCOME

- Understand the nature and basic concept of cell biology, genetics, taxonomy, physiology, biochemistry, ecology, evolutionary biology, developmental biology and applied and economic zoology.
- Analyze the relationship among animals, plants and microbes.
- To explain how organism function at the level of the gene, genome, cell, tissue, organ and organ.
- Students will be able to apply fundamental mathematical tools (statistics, calculus) and physical principles (physics, chemistry) to the analysis of relevant biological situation.

Equipment of Zoology Laboratory





SEMINARS



SPEAKER - DR. BALARAM MOHAPATRA
ASST.PROF. AT GUJARAT
UNIVERSITY OF BIOTECHNOLOGY

TOPIC- A NEW ERA OF BIOTECHNOLOGY AND
BIOTECHNIQUES PRINCIPLES

Student's Profile



Batch 2019



Batch 2020

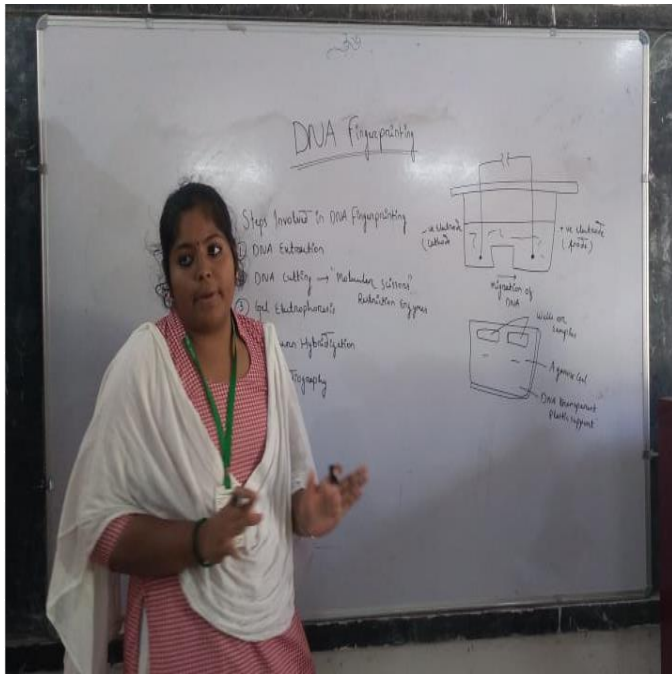


Batch 2021

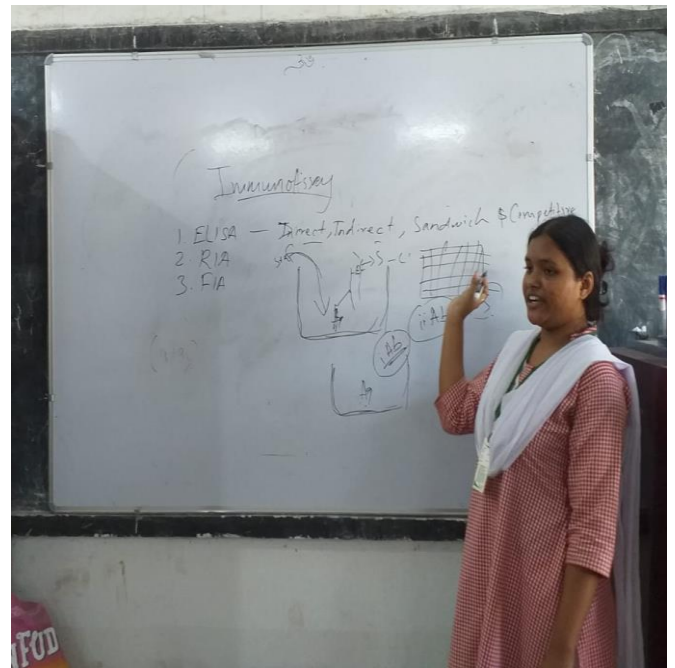


Batch 2022

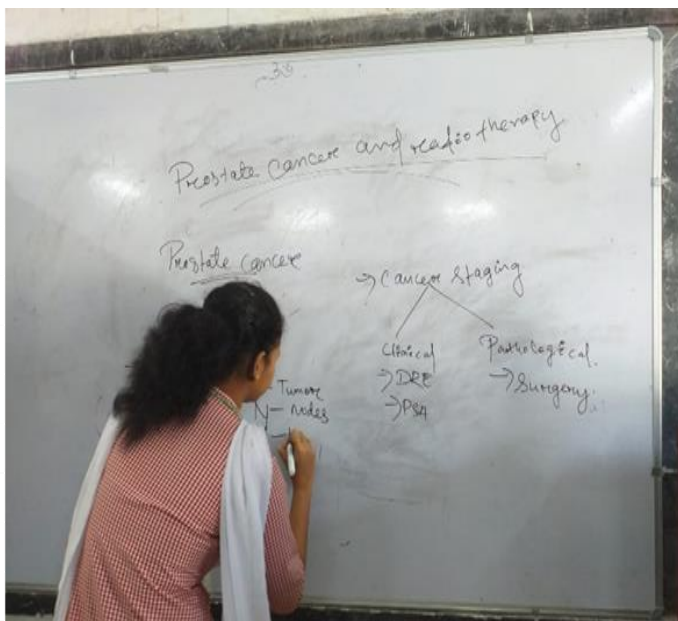
STUDENTS SEMINAR



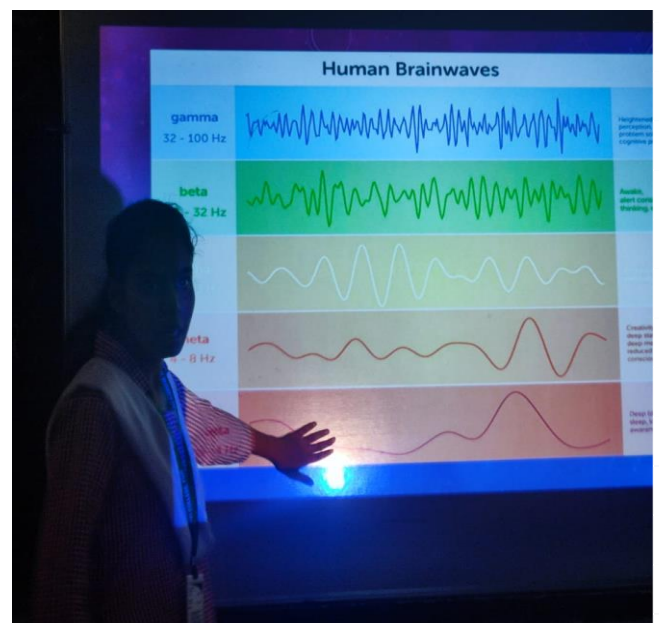
SPEAKER - G . HAVISHKA
TOPIC - DNA FINGERPRINTING



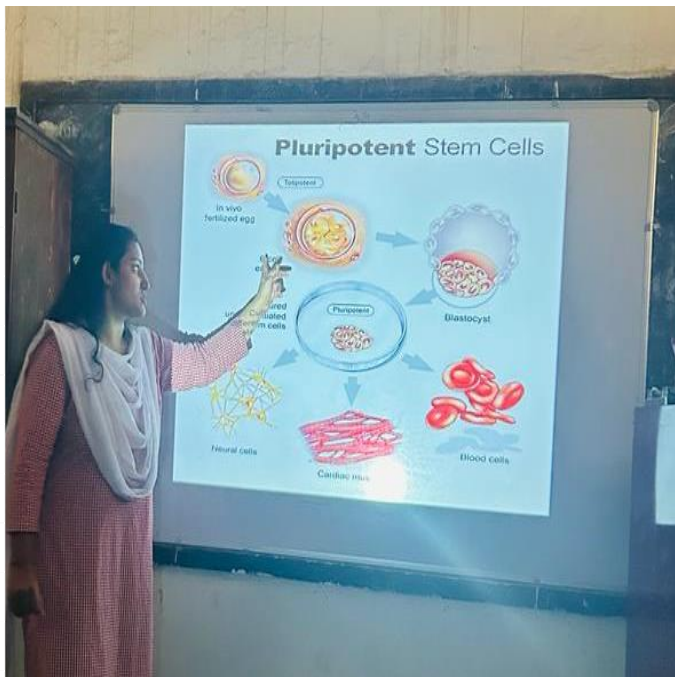
SPEAKER - MANIKA SOREN
TOPIC - IMMUNOASSAY



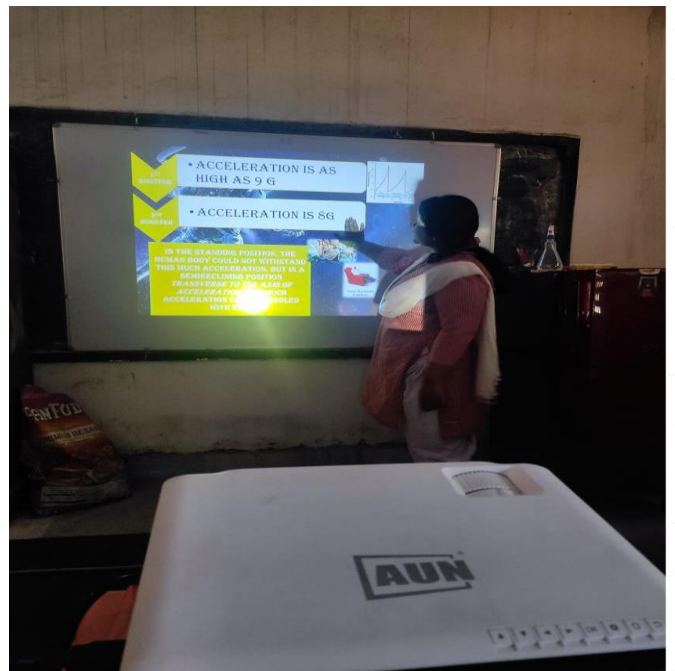
SPEAKER - PRIYALI BEHERA
TOPIC - PROSTATE CANCER AND RADIOTHERAPY



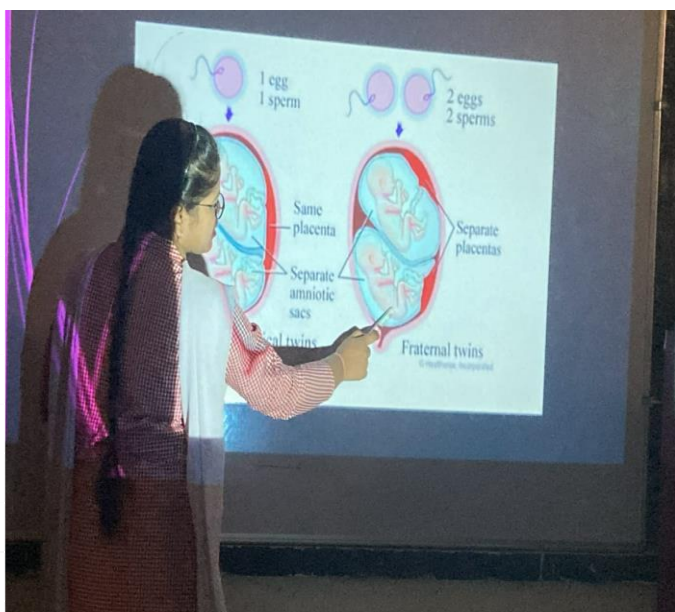
SPEAKER - SUBHASHREE PANI
TOPIC - SLEEPING SCIENCE



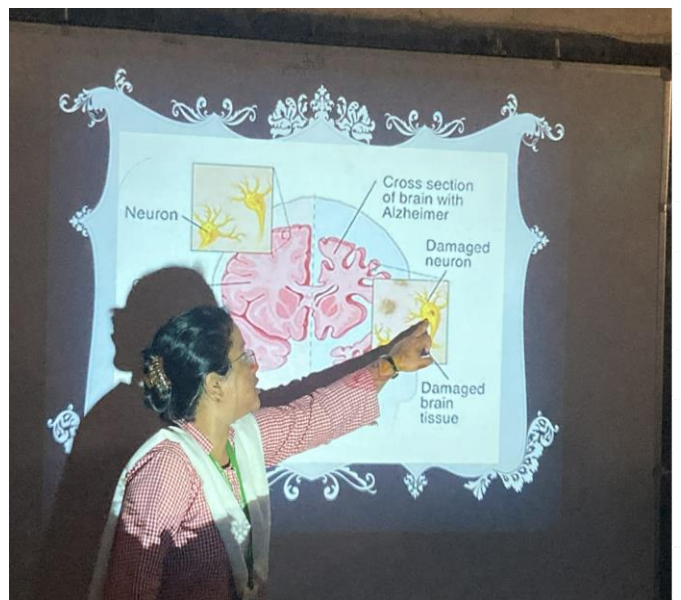
SPEAKER – SUBHASHREE SUBUDHI
TOPIC - STEM CELLS: IT'S TYPES AND APPLICATION



SPEAKER – SHREYA SANJOLIKA
TOPIC - HIGH ALTITUDE AND SPACE PHYSIOLOGY



SPEAKER – ABHIPSA SAMANTARAY
TOPIC - TWIN PREGNANCY



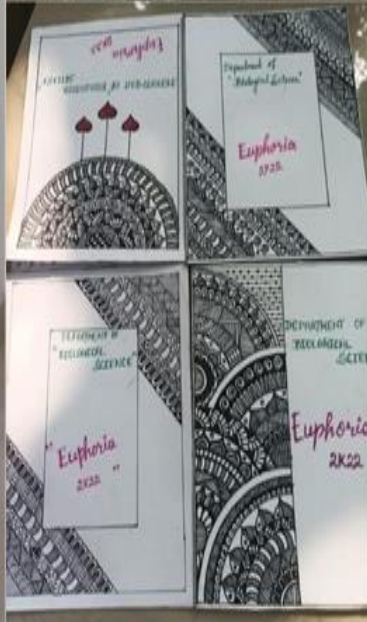
SPEAKER – UMAMANI MAHARATHA
TOPIC - NEUROLOGICAL DISORDERS

CO-CURRICULAR ACTIVITY





Decoration



Some Efforts...



Memories



ALUMINI

BATCH 2018-21

1. Madhusmita Panda
2. Priyadarshini Lenka
3. Rosalin Sethi
4. Dashamati Majhi
5. Amrita Maity
6. Anusaya Sathy
7. Meenakshi Sengupta
8. Priti Soumya Tripathy
9. Subhashree Samantasinghar
10. Silamousumi Parida
11. Barsha Priyadarshini Das
12. Lopita Lenka

ALUMINI

BATCH 2019-22

1. Smrutirekha Jena
2. Pratistha Priyadarshini Karan
3. Shibani Behera
4. Rojalin Parida
5. Jyotismita Nayak
6. Jyotirmayee Mahapatra
7. Ankita Bal
8. Priti Priya Panda
9. Swabhagini Sahoo
10. Sonali Guru
11. Payal Baral
12. Puja Priyadarshini Pradhan
13. Rasmita Sahoo



THANK YOU