

**Summary Report on Field Visit to Nandankanan Zoological Park,
Bhubaneswar and Central Fisheries and Aquaculture (CIFA),
Bhubaneswar Organised by Department of Zoology on 22.11.2023**

Objective: A field trip to any national park and zoological park (here to Nandankanan Zoological Park) is part of the curricula of UG 1st year under Core-II and the objective is to study the conservation strategies at the ground level. Similarly, the field trip to any Fish farm (here to Central Institute of Freshwater Aquaculture, Bhubaneswar) is part of the curricula of UG 3rd year under DSE-III and the objective is to study the fish farming techniques.

Summary: In the early morning of 22.11.2023, the students of UG students gathered together with the faculties of Department of Zoology outside the College and left for Baranga. The trip was coordinated and guided by Sri Susanta Kumar Pradhan, Head, Department of Zoology. The students first visited the Nandankanan Zoological Park, Baranga located near to Bhubaneswar, Capital city of Odisha. Students studied about the architectural placement of animals in the zoo, then visited the animal enclosures, bird aviary, amphibian enclosure, reptile park, nocturnal house, pangolin conservation and breeding centre and aquarium house inside the zoo. Post lunch, the students with the faculties went to ICAR-Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar. The students visited the different laboratories, hatcheries, feed mill and fish farms, and learnt about various fish farming techniques.

Outcome: Through the use of engaging hands-on activities, the students explored different wild animals in the zoological park field trip and learnt about the conservation strategies. At CIFA, students directly had an exposure to updated techniques of fish farming and freshwater aquaculture practices. Moreover, by participating in an esteemed educational environment enhanced their enthusiasm in the field of the subject particularly wildlife conservation and fisheries.



Figure 1: Faculties and Students going Study Tour on 22.11.2023

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Figure 2: Visit to Nandankanan Zoological Park, Bhubaneswar on 22.11.2023

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Figure 3: Visit to Central Fisheries and Aquaculture (CIFA), Bhubaneswar on 22.11.2023


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DEPARTMENT OF ZOOLOGY
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DETAILS OF SEMINAR PRESENTATIONS BY STUDENTS

This is to certify that 11 UG students with Zoology Honours have presented seminars on the following topics

Roll No	Students Name	Seminar Topic
21ZOO-001	Basana Dehury	Sexual behaviour in Mammal
002	Bishnupriya Panda	Lac operon
004	Dwitee Lipsa	Transcription in prokaryotes
005	Kajol Biswal	RNA interference
006	Laxmipriya Sahoo	DNA repair in prokaryotes
007	Lisha Mohanty	Trp- Operon
008	Lopamudra Mallick	Gene Interaction
010	Priyanka Dehury	Mendelian's Law
011	Rojalin Mahalik	Biological Clock
012	Subhasini Soren	Types of immunoglobulins
013	Subhashree Sahu	AIDS


Head of the Department
Department of Zoology

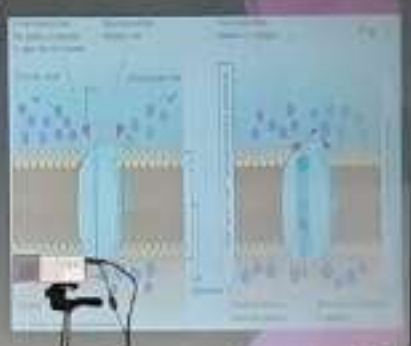


ACTION POTENTIAL: It is also called as nerve impulse through which neurons communicate with each other.

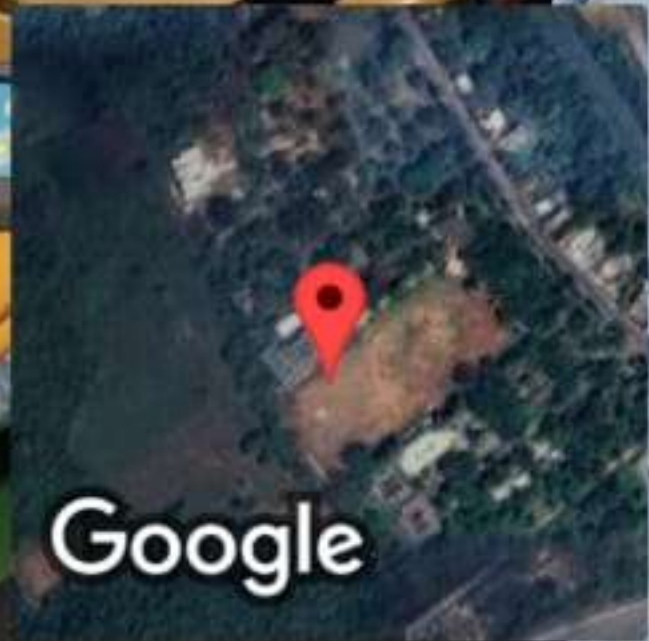
The rapid change taking place in the RMP across the membrane of a neuron or muscle cell is called as action potential.

It is also called as depolarized state.

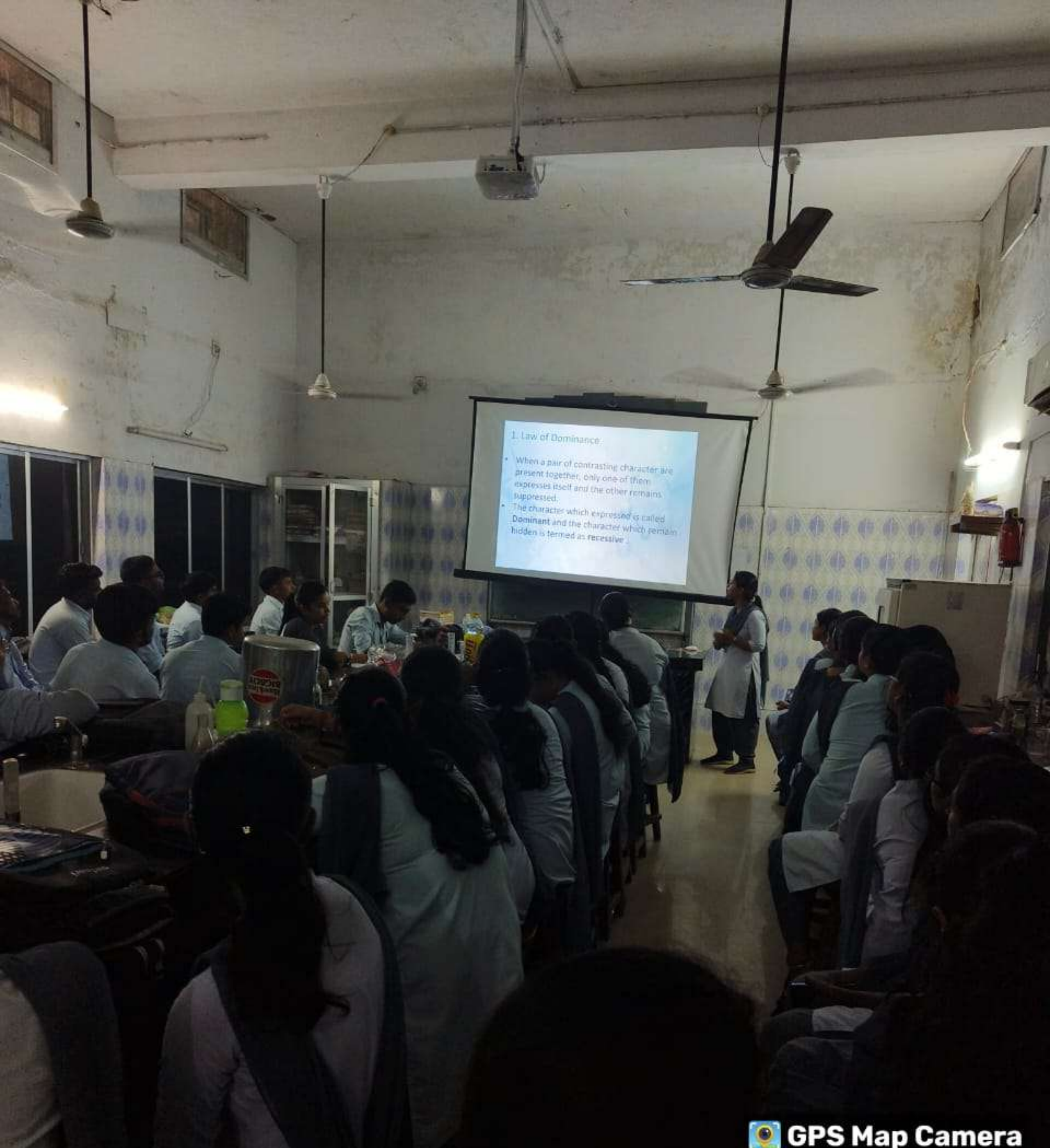
Here the potential rises from -70mV to $+30\text{mV}$.



GPS Map Camera




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1. Law of Dominance:

- When a pair of contrasting character are present together, only one of them expresses itself and the other remains suppressed.
- The character which expressed is called Dominant and the character which remains hidden is termed as recessive.

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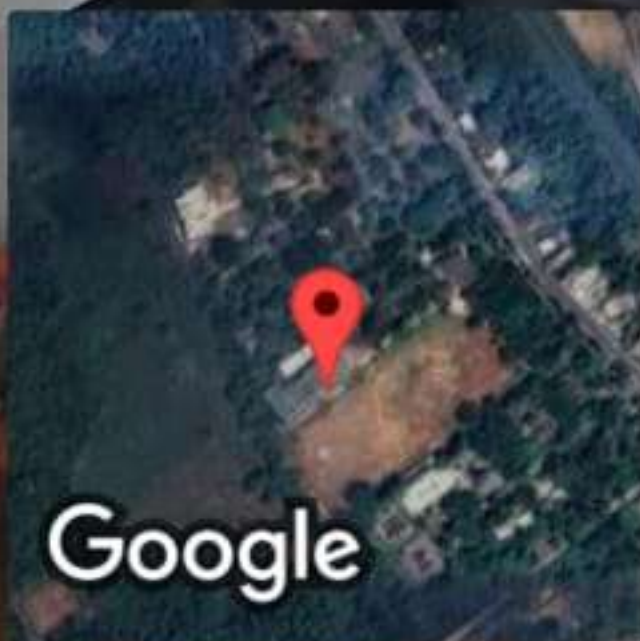
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RENOVATION OF
ZOOLOGY LABORATORY
RUSA FUNDED



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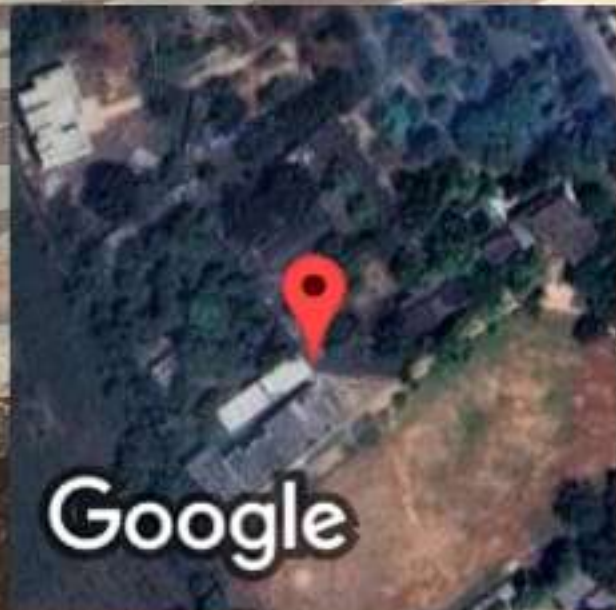
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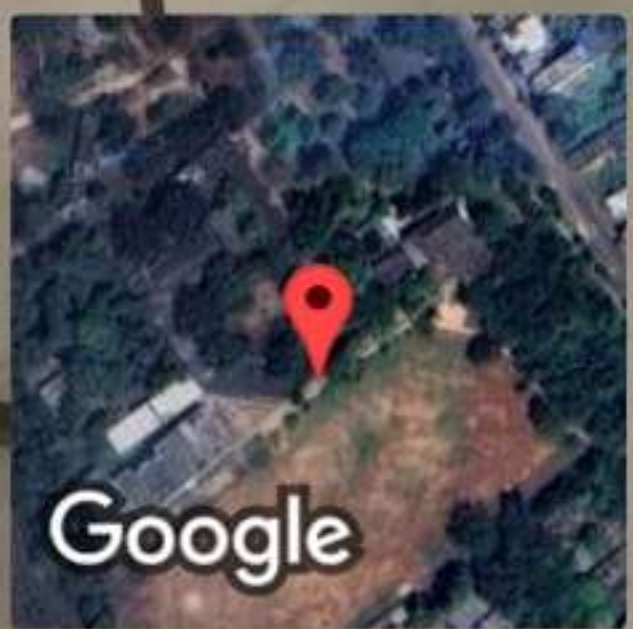
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DEPARTMENT OF ZOOLOGY
DHENKANAL AUTONOMOUS COLLEGE

Departmental Parent-Teacher Meetings held in
Session 2023-24

02 Departmental Parent-Teacher Meetings were held per Semester
(Twice every year) in session 2023-24 on following dates

Sl. No.	Frequency of Parent-Teacher meeting	Date of the last meeting held	Number of parents attended
1	Per Semester (Twice every year)	05.10.23	17
2		18.04.24	07


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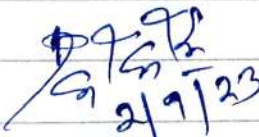
1st Parent-Teachers meeting .

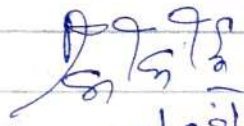
The first parent-teacher meeting was held in the +3 laboratory of the Zoology department today on 16/08/22 at 11 am.

The following parent-teachers were present to discuss about various matters related to the academic growth of the students.

Signatures of the Guardians/Parents .

- 1) Santap Kumar Mohapatra (Amisha) +3 2nd yr
- 2) H. G. Behara (Dwitree Lipsa) +3 1st yr
- 3- Ramesh Chandra Dehury (Priyanka Dehury) +3 1st yr.
- 4- ~~D~~ Mruba De Panda
5. S.K. Patra


2/9/23


02/09/23

Signatures of Staff members .

Susanta Kumar Pradhan : H.O.D

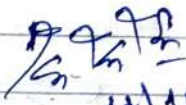
Jayashree Rath


Neelam Poddar

Sadananda Sahu, Deman.

Suggestions

In the last parent teacher meeting which was held on Dt. 5/10/23 at 11 am in Zoology Department, it is unanimously decided, that, parents ~~can~~ would be intimated about the attendence of their wards, over telephone.


11/10/23


11/10/23

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2nd Parent-Teacher Meeting.

The second Parent-Teacher Meeting was held in the +3 laboratory of the Zoology Department today i.e on 05.10.2023 at 11.00 AM.

The following Parent-Teachers were present to discuss about various matters related to the academic growth of the students.

Signature of Guardian / Parent

05/10/23

1. Ramkrishna Debnay
2. Bichitra Randa Mohanty
3. Pratibha Sahoo
4. Subas Chandra Dehena
5. Hemanta Kumar Mohapatra.
6. Satyashree Setty.
7. Prakash Ch Sahoo.
8. Rajahi Singh
9. Bharati Sahoo
10. Srikanth Kumar Rath.
11. Divyansha Behera.
12. Murali Das Sahoo M/ID 8249544040
Maternal Grand Father of Bijay Lakshmi Sahoo
+3 Sc. 1st year.
13. Binaya K. Sahu
14. Maheswar Patra
15. Hemanta Kumar
16. Satyashree Nayak M/ID - Harshika Jena +3 Sc 2nd year
17. Prerna Ch Parida

3rd Parent Teacher Meeting

The Third Parent Teacher meeting was held in the +3 laboratory of the Zoology Department, Oshankar Autonomous College, today i.e. on 18.04.2024 at 11:00 am.

The following Parent & Teachers were present to discuss about various matters related to the academic growth of the students.

Signature of Guardian/Parent.

1. Durgapathan Sahoo

2. Dhruvika Chandra

3. Pratibha Sahoo

4. Prakash Ch Sahoo

5. Satrendra Sengupta

6. Divyendra Behera

7. Babudranath Dewing

HOD

Zoology

Signature of
Staffs

1. Dr. Niraj Kumar Swain

2. Kanchan Prasad Swain
18/4/24

3. Bhagyashree Panda

18.4.24

4. MINURANI DALAI

18/4/24

5. Chitrangali Ten


18/4/24




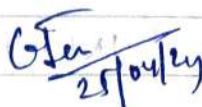
25.04.2024

Suggestions.

In the last parent teacher meeting which was held on dtd. 18.04.24 at 11am in the Zoology Department, the following various matters were discussed and it was unanimously decided that following actions would be taken to address the issues.

1. Parents would be intimated about the attendance of their wards when found below 75%, over telephone.
2. Arrangement of online classes during summer vacation for slow learners.
- 3.

Signature of staffs.

 25.4.2024

1. Dr. Bhagyashree Panda 
25-04-24
2. Kanaka Lata Saha 
25/4/24
3. MINURANI DALAI 
25/4/24
4. Chitrajuli Jena 
25/04/24

 H.O.D
 Zoology

DEPARTMENT OF ZOOLOGY
DHENKANAL AUTONOMOUS COLLEGE

Mentor-Mentee Meetings or Proctorial Meetings held
in the Department of Zoology in Session 2023-24

03 Mentor-Mentee Meetings or Proctorial Meetings were held for UG 1st year, 2nd year and 3rd year students respectively on the following dates

S. No.	Date of the Meeting	Name of the faculty (Mentor) in the department	Class	Number of mentees allotted under the mentor	The average number of mentees attended
1	04.04.2024	Dr. Minurani Dalai	UG 1 st Year	29	15
2	04.04.2024	Dr. Nirlipta Swain	UG 2 nd Year	29	22
3	04.04.2024	Mrs. Kanaka Lata Soren	UG 3 rd Year	11	11


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Class - UG 3rd Yr.

Date - 04.04.2024

Time - 10am

Venue - Department of Zoology

Name of the Proctor: Mrs. Kanakalata Soren

No. of Students Present - 11

Difficulties

1. Non-availability of some chemicals and instruments for practical work as per syllabus
2. Irregular supply of tap water and non-availability of drinking water
3. Non-availability of sufficient classrooms.
4. Irregular cleaning of classroom and laboratories leading to poor sanitation of classroom
5. Non-functioning of fans and tubelights

Actions taken to resolve the issue:

1. Room No. 25 has been allotted on temporary basis to address the issue of non-availability of classrooms
2. Chemicals and new equipments procured under state Govt. Grant 2024.
3. Measures have been taken to fix the issue of sanitation by bringing it to the notice of Principal
4. Measures have been taken to fix the installed aquaguard in the staff common room, of Department of Zoology to address the issue of drinking water

5. The issue of nonfunctioning of fan and tubelight have been brought to the notice of ^{the} principal for repair.

Whose

Mrs. Kanaka Kata Soren
Assistant Professor in Zoology
Dhenkanal Autonomous College

Class - UG 2nd yr

Date - 04.04.2024

Time - 11 am

Venue - Department of Zoology

Name of the Proctor - Dr. Nandipati Swain

No. of student's Present - 22

Difficulties

1. Non availability of classrooms
2. Irregular supply of tap water & non availability of drinking water
3. Irregular cleaning of classroom and lab leading to poor sanitation of classroom.
4. Non availability of chemicals and instruments for practical work.
5. Non functioning of fans and tubelights.

Actions taken to resolve the issue

1. Room No. 25 has been allotted ^{on temporary basis} to address the issue of non availability of classrooms.
2. Chemicals and new equipments procured under State Govt. Grant 2024.
3. Measures have ^{been} taken to fix the issue of sanitation by bringing it to the notice of principal.
4. Measures have been taken to fix the aquaguard installed in the staff common room, Zoology.

department to address the issue of drinking water ~~fan~~ problem.

5. ~~Non fan~~ The issue of nonfunctioning of fan & tubelights have been brought to the notice of principal for repair.

Swain

Dr. Neelipta Swain
HOD/Assistant Professor in Zoology
Chenkanal Autonomous College

Class - UG 1st Yr

Date - 04.04.2024

Time - 12 pm

Venue - Department of Zoology

Name of the Proctor - Ms. Minurani Dalai

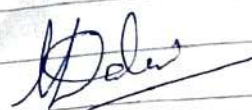
No. of Students Present - 15.

Difficulties.

1. Lack of books in Library.
2. Non availability of classrooms.
3. Irregular supply of tap water & Non availability of drinking water.
4. Non availability of store chemicals & instrument for practical work.
5. Non functioning of Fan & tubelight.
6. Poor Sanitation in classroom & Poor condition of Washroom.

Actions taken to resolve the issue

1. Required books has already supplied to library.
2. Room no-25 has been allotted on temporary basis for resolving the issue.
3. Regular supply of tap and drinking water has been supplied.
4. Chemicals & Equipments procured under state Govt. grants 2024.
5. The issue of non functioning of Fan & tubelight have been brought to the notice of Principal for repair.
6. The issue of poor Sanitation has been brought to the notice of Principal for resolving.



Ms. Minurani Dalai
Assistant Professor in Zoology

PARENT-TEACHER MEETING

10.10.2023

A parent-teacher meeting was held at 9.00 am on 10.10.23 at the Department. Following parents of the students of UG and PG classes were present at the meeting.

Roll No.	Student's Signature	Parent/Guardian Signature
PG23ENG003	Pritya Ratan	Pranati Pattanik
EA 21ENG006	Deeptimayee Parida	Debkore Parida
BA22346	Bijayalaxmi Sahoo	ଶ୍ରୀମତୀ ସୁମିତ୍ରା
PG22ENG005	Laxmipriya Sahoo	Nirecuparmoni Sahoo
B BA-23-119	Ashish Kumar Das	
BA-22-239	Saenderanshan Hansdah	
	Chinmoyee Priyadarshini Carinti Behera Biplabi Bijayanibahus +3, 2nd yr. (English)	Prabhathi Sankar Mohapatra Jyotsnallal Swain Dr. Sanis Kumar Sahu
	Sushree Bhabein Mohapatra	Madhusmita Mohapatra

Problems put forward by Parents:-

1. Lack of seats in hostels mainly for genl students
2. Smart class room be available as is the present trend.
3. Monthly class test to be held to assess the progress of the students.
4. A Whatsapp group of both the parents and teachers.

On a thorough discussion
constituted it was resolved to draw the attention of the Principal towards having a smart classroom. It was also resolved to think about the feasibility of monthly class test. It was proposed to form a whatsapp group including the parents and the teachers.

A m e h e n

10.10.2023
HOD, English
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Dhenkanal





Peer-teaching



BOTANY



CHEMISTRY



COMMERCE



ECONOMICS



MATHS