

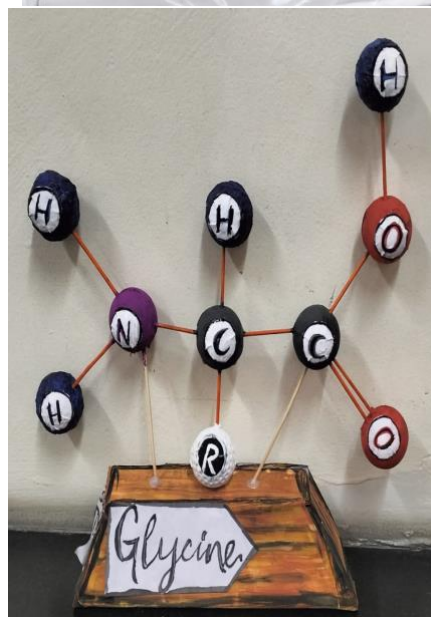
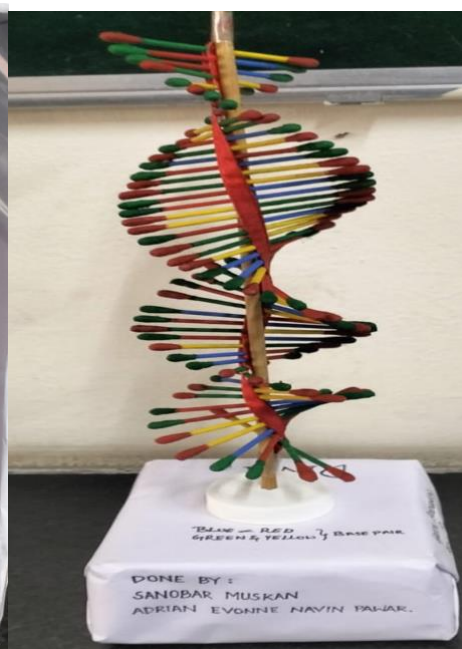
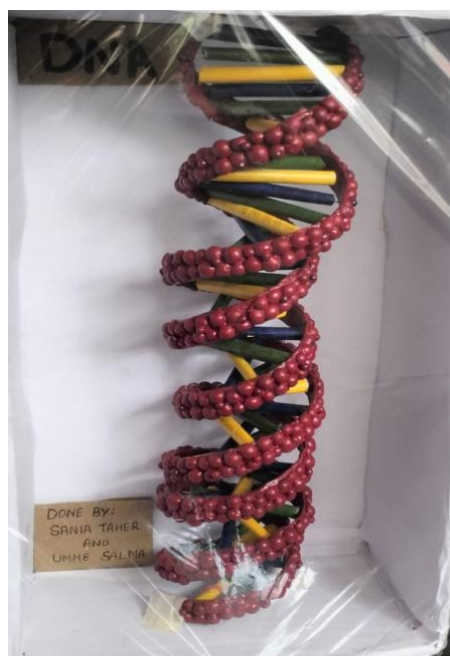
BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE

ANNUAL REPORT 2023 - 24

DEPARTMENT OF ZOOLOGY

1. MODEL MAKING/EXHIBITION

The students had the opportunity to participate in model making and project work based on their syllabus, covering topics from the curriculum. Specifically, the students of I B.Sc. were asked to prepare models of nitrogenous bases- nucleosides and nucleotides, as well as amino acids, dipeptides, DNA and RNA.



2. QUIZ

On the occasion of Earth Week, the Department of Zoology conducted an Interclass e-Quiz competition on the topic 'The Earth' on April 19, 2024. The quiz was held to raise awareness about Earth Week.

A total of 50 students participated and received e-certificates.



BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE
#19, 3rd cross, CSI Compound, Mission Road, Bengaluru - 560027



THE EARTH WEEK
Observed by the Departments of Life Science

Date: 19th to 24th April 2024
Time: 1.00 – 2.00 pm

INTER-CLASS COMPETITIONS:

Department of Zoology
19.4.2024 – QUIZ
(link will be sent at 6pm)

Department of Botany
22.4.2024 – ESSAY WRITING

Department of Chemistry
23.4.2024 - MODEL MAKING

Department of Biotechnology
24.4.2024 – POSTER MAKING

For any queries contact
Ms. Caroline: 6363393910



BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE
NO 19, 3RD CROSS, CSI COMPOUND MISSION ROAD, BENGALURU – 560027

CERTIFICATE OF PARTICIPATION

This is to certify that **Ms. AAIDA FAROOQ** has participated in the E-Quiz competition conducted on the occasion of "**Earth Day**" organized by **Department of Zoology** on **19th April 2024**.



S. Anthuwan Grace
H.O.D., Zoology



Dr. Revina Rebecca
Principal

3. SCREENING OF VIDEOS

Transcription in Prokaryotes and Transcription in Eukaryotes were screened for III Semester students, while Dipnoi fishes videos were screened for V semester students.

4. PRESENTATION – GROUP/INDIVIDUAL

The students were given a small topic relevant to their syllabus and were guided by the lecturers. They found this exercise very useful.

5. INDUSTRIAL VISIT/ FIELD VISIT

- Visit to the Departments of Apiculture and Sericulture, College of Agriculture, GKV, Bengaluru on 13th December 2023, where the students gained valuable experience in the fields of Sericulture and Apiculture.

Total number of students – 23, Lecturers – 02.

SERICULTURE



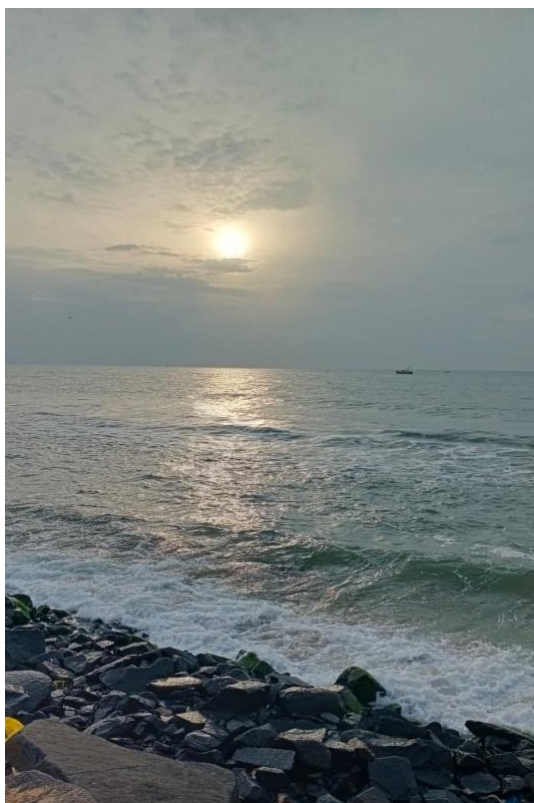
APICULTURE



- The Department of Zoology along with other Life Science departments had jointly arranged a 5-day trip from 19th June to 23rd June 2024 to Mahabalipuram and Puducherry for 40 Students and 4 Lecturers. The students were taken to India Sea Shell Museum, Mahabalipuram Beach and Monuments, Crocodile Bank, Cave Temple, Blue Bay Culture Shrimp Hatchery at Marakkanam near Puducherry, Rock Beach, French Colony, Sri Aurobindo Hand Paper Factory, Auroville, Eden Beach

and Pichavaram Mangrove Forest Boating. The students not only enjoyed the trip but also found it fruitful.





6. ASSIGNMENTS


All the three years of B.Sc. students were given assignments based on their syllabus for the semester, on topics related to the curriculum.

7. WORKSHOP

The Department of Zoology along with other Life Science departments and Eco watch club, jointly arranged a workshop “Wealth from waste: The Science and Benefits of Vermicomposting” on 22nd November 2023. The resource person for the day was

Dr. Latha, Associate Professor, Department of Zoology, Maharani Cluster University, Bangalore. Dr. Latha spoke on the vermiculture and the conditions for composting, the general steps to follow for vermicomposting, types of composting units, harvest, packaging of end products, advantages of vermicomposting, economic importance of vermiculture, and composting as a business. The students gained practical knowledge by attending the workshop.

Total number of students – 58, Lecturers – 06



BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE
19, 3rd Cross, GSI Compound, Mission Road, Bangalore 560027

**DEPARTMENT OF LIFE SCIENCES &
ECO WATCH CLUB**

Organizes a workshop on

WEALTH FROM WASTE

**"THE SCIENCE AND BENEFITS
OF VERMICOMPOSTING"**

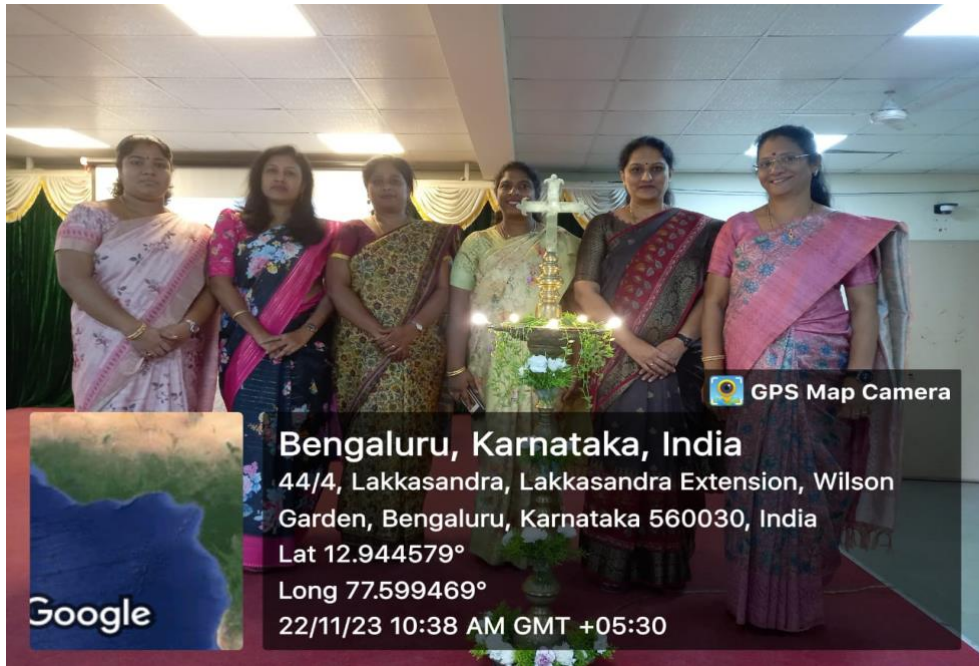
RESOURCE PERSON: DR. LATHA.V
ASSOCIATE PROFESSOR,
DEPARTMENT OF ZOOLOGY,
MAHARANI CLUSTER UNIVERSITY, BANGLORE.



DATE: 22ND NOVEMBER
VENUE: SEMINAR HALL
TIME: 10 AM

Organizing Committee
Mrs. S Anthuvan Grace , HOD Department of Zoology
Dr. Sharmila Wesley , HOD Department of Biotechnology
Mrs. Esther Watson , HOD Department of Botany

Principal
Dr. Revina Rebecca



8. GUEST LECTURE

In alignment with the curriculum, the Department of Zoology conducted a guest lecture on “Field Equipment used in Wildlife Census and Identification of Wild Animals” on 6th June 2024. The guest speaker was Mr. Chandan B.S., a research scholar, Department of Applied Zoology, Mangalore University. He discussed various field equipment such as Spotting scopes, Range Finders, Global Positioning Systems, Compasses, Binoculars and various types of cameras and lenses. Additionally, he explained how to identify wild animals by tracing the animal’s pugmarks, hoof marks, scars, pellet groups, nest and antlers. The students thoroughly enjoyed the lecture and had benefited immensely.

Total number of students – 25, Lecturers – 03

BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE
NO 19, 3RD CROSS, C.S.I COMPOUND MISSION ROAD BANGALORE - 560027

DEPARTMENT OF ZOOLOGY

Organizes guest lecture on
**FIELD EQUIPMENT USED IN WILDLIFFE CENSUS
and
IDENTIFICATION OF WILD ANIMALS**

Guest speaker
Mr. CHANDAN B.S
Research scholar, Department of Applied Zoology
Mangalore University

Date: 06/06/24
Time: 10:00 AM
Venue: Zoology Lab

Organizing Committee
Mrs.S Anthuvan Grace, HOD-Zoology
Mrs.S Kamatchi, Asst.Professor-Zoology

Dr. Revina Rebecca
Principal B.C.W.C.C



9. OUTREACH PROGRAMME

An outreach programme was organized during the Christmas season for the B.Sc. students to visit the Joel Memorial Charitable Trust in Wilson Garden, Bangalore, on 18th December 2023. The students celebrated Christmas with the residents of the Trust, which shelters young and old men, women, youth and children and the physically disabled. The programme started with an opening prayer and carol singing by the students. Some of the elders at the Trust shared their life experiences, which motivated and inspired. Through their interactions, the students also understood the importance of celebrating Christmas as a season for sharing and caring. They distributed items that the Trust required and left with cherished memories.

Total number of students – 25, Lecturers – 05



10. ICT TOOLS USED

Interactive whiteboard, PowerPoint, Google Meet, Google Spreadsheets, Google Classroom, Projector and Computer with internet access.

11. INTERNSHIP

The Department of Zoology guided an internship program for the final-year students on the topics Vermicomposting and Bioinformatics for 90 hrs, enhancing their hands on skills in line with the prescribed NEP syllabus.