



GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM, ALLURI SEETHA RAMARAJU DISTRICT, A.P
(Affiliated to Adikavi Nannaya University)

Accredited by NAAC with "B" Grade



DEPARTMENT OF BIOLOGICAL SCIENCES

Report on the Industrial Field Trip to SIFT and CIFE

Organized by : Government Degree College, Rampachodavaram

Date: 20th December 2024

Introduction

The final-year students of the Biology Department, Government Degree College, Rampachodavaram, undertook an industrial field trip to the State Institute of Fisheries Technology (SIFT) and the Central Institute of Fisheries Education (CIFE) in Kakinada. This visit provided the students with a valuable opportunity to enhance their theoretical knowledge with practical exposure to fisheries management and aquaculture technologies.

Objective of the Visit

The primary objective of the trip was to familiarize students with:

- Modern fisheries management practices.
- Laboratory equipment and their applications.
- Field techniques in aquaculture, including fish breeding and water quality analysis.

Activities and Learning Outcomes

1. Introduction by SIFT and CIFE Officials

- The officers provided an overview of the establishment of fisheries technology in Andhra Pradesh.
- They detailed the infrastructure and facilities available at their institutes.
- The staff actively engaged with students, ensuring a hands-on learning experience.

2. Laboratory Exposure

- Students were introduced to several advanced laboratories, including:
 - Microbiology Lab
 - Feeding Lab
 - Chromatography Lab
 - PCR Analysis Lab
 - Soil Analysis Lab
 - Water Analysis Lab

- Practical demonstrations were conducted to help students understand the functions and importance of the laboratory equipment used in fisheries research and management.

3. Field Visit

- The students visited the CIFE fields where they observed real-world applications of aquaculture practices, including:
 - **Hapas breeding techniques**
 - **Spawning units**
 - **Cultivation of fresh water and marine fishes**
 - **Marine prawn farming**
- Farmers working at the CIFE interacted with the students, sharing their experiences and practices.

Faculty Participation

The field trip was guided and coordinated by the faculty of the Biology Department:

- **B.V.V.Satish (Lecturer in Zoology)**
- **N.Ashok (Lecturer in Zoology)**
- **K.Usharani (Lecturer in Forestry)**
- **G. Sravani (Lecturer in Botany)**

Conclusion

The field trip was a highly enriching experience for the students, offering them a platform to gain hands-on knowledge about aquaculture management, laboratory procedures, and fisheries technology. The students actively participated in practical demonstrations, showing enthusiasm and keen interest in the subject.

Such initiatives bridge the gap between classroom learning and real-world applications, equipping students with the skills and confidence needed for future endeavors in the field of fisheries and aquaculture.

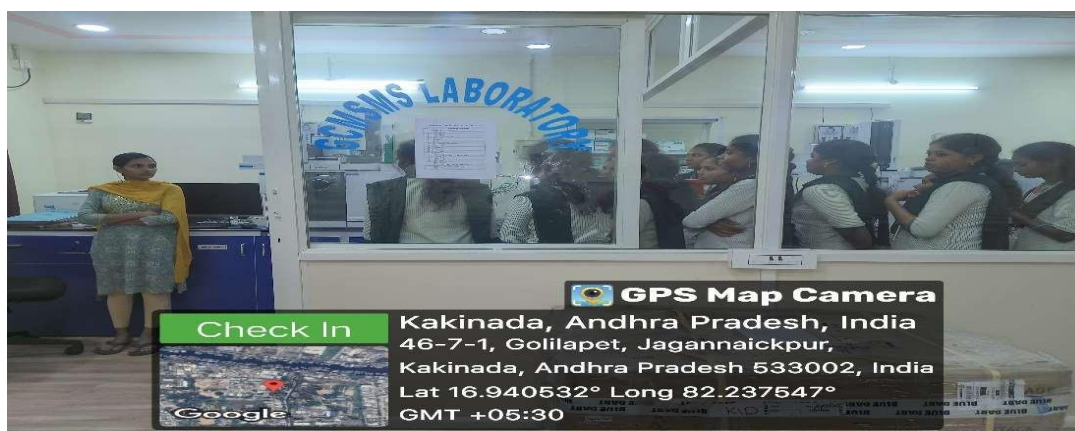




FISH MUSEUM :



GAS CHROMATOGRAPHY MS.MSLAB :



FEEDING LAB :



INTRACTION WITH FDO :



