

Government College (A), Rajamahendravaram
Department of Microbiology
Report on Field Trip & Training Programme at SIFT, Kakinada

Date: 25-07-2025

Agenda: Proposal for field trip and training programme at SIFT, Kakinada

Discussion:

- Need for practical exposure in PCR and microbial techniques
- Importance of industrial and laboratory training
- Selection of V Semester Microbiology students

It is resolved that:

- A one-day training programme will be conducted at **State Institute of Fisheries Technology (SIFT), Kakinada**
- Date of visit: **05-08-2025**
- V Semester Microbiology Honours students will participate
- Faculty members will accompany students
- Necessary permissions will be obtained

NOTICE

All V Semester Microbiology students are informed that a **field trip and training programme at SIFT, Kakinada** is scheduled on **05-08-2025**.

- Attendance is compulsory
- Students must maintain discipline
- Assemble at college at 8:00 AM



Coordinator
IQAC
Govt. College (A)
RAJAHMUNDRY

5. Brief Note on Activity

Title: Field Trip & Training Programme at SIFT

Aim

To provide practical training in advanced microbiological and molecular techniques

Objectives

- To understand PCR and molecular biology techniques
- To gain exposure to different laboratory sections
- To interact with scientists and technicians
- To understand fisheries microbiology applications

Procedure

- Students visited SIFT, Kakinada on 05-08-2025
- Training conducted in multiple laboratories:
 - Wet Lab (Microbiology)
 - Water Analysis Lab
 - Feed Lab
 - Molecular Biology Lab (PCR)
- Scientists demonstrated techniques and explained procedures

Outcomes

- Students gained hands-on knowledge in PCR
- Improved understanding of applied microbiology
- Exposure to laboratory instrumentation
- Enhanced interest in research and industry

(Students visited Wet lab, Water lab, Feed lab and Molecular lab and interacted with scientists as per uploaded document)

6. List of Students (Format)

7. Parent/Guardian Consent Letters

- Consent letters were collected prior to the visit
- Maintained in department records

8. Questionnaire

1. What is PCR and its applications?
2. What is the role of microbiology in fisheries?
3. What are the functions of different labs in SIFT?
4. What did you learn from this training programme?
5. How is water quality analyzed?

9. Student Feedback & Report

Feedback Summary

- Training programme was highly informative
- Students appreciated practical demonstrations
- Interaction with scientists was very useful

Overall Feedback

- Excellent: 85%
- Good: 15%

10. Photographic Evidence / News Clips



11. Conclusion

The training programme at SIFT, Kakinada was successful in providing **practical exposure and hands-on experience** in microbiological and molecular techniques. It helped bridge the gap between theory and real-world applications.