

MES ASMABI COLLEGE
DEPARTMENT OF AQUACULTURE

ACADEMIC REPORT ON FIELD VISIT TO ADAK FISH HATCHERY

PEECHI, THRISSUR

Date: August 8–9, 2024

Venue: Kerala Government Fish Seed Hatchery (ADAK Fish Hatchery), Peechi, Thrissur.

Students participation: 33 Students of V Sem. B.Sc. Aquaculture.

Student accompaniment and coordination: Dr. Kesavan K and Dr. Remisha O

As part of the curriculum for III Year B.Sc. Aquaculture, 33 students, accompanied by Dr. Kesavan K., Associate Professor and Head of the Department, and Dr. Remisha O., Assistant Professor, undertook a field visit to ADAK Fish Hatchery, Peechi, Thrissur, on August 8 and 9, 2024. The visit aimed to provide hands-on exposure to the operations and techniques involved in fish seed production, with a focus on induced breeding.

Day 1: August 8, 2024

The group reached the hatchery at 11:00 AM and settled into the guest house on the premises. The day's activities began with a tour of the hatchery, where students explored various operational sections. Raju Abraham, Hatchery Manager, and Mrs. Snigdha, Technical Officer, guided the students through lecture sessions and practical demonstrations.

Key highlights included:

- Lecture on Induced Breeding of Rohu:** The process was explained in detail, focusing on the use of synthetic hormone injections like SpawnPro.
- Demonstration of Common Carp Breeding:** Students observed the procedure, gaining insights into breeding practices for economically important fish species.
- Hands-on Training:** Students were trained in the evening to administer synthetic inducing agents via injection, a critical skill for induced breeding practices.

Day 2: August 9, 2024

The second day began with a technical session dedicated to the **induced breeding of Rohu fish**. The students learned about the importance of hormone administration, spawning protocols, and seed collection techniques. These sessions provided in-depth knowledge of breeding biology and practical methodologies used in the hatchery.

Outcomes of the Visit

1. **Practical Knowledge:** Students gained firsthand experience in fish breeding, including induced breeding techniques for rohu and common carp.
2. **Skill Development:** The hands-on training session enhanced their technical skills in administering synthetic hormones and understanding breeding operations.
3. **Interaction with Experts:** The interaction with hatchery experts provided valuable insights into the functioning and management of a fish seed hatchery.

Conclusion

The field visit to ADAK Fish Hatchery was a highly educational and enriching experience, enabling students to connect theoretical knowledge with practical applications. The exposure to advanced techniques such as induced breeding has significantly contributed to the academic and professional development of the students. Certificates of internship were supplied individually to all student participants.

Sd/- Head of the Department

**LIST OF STUDENTS WHO ATTENDED FIELD VISIT TO
GOVT. FISH SEED HACTHERY, PEECHI 8TH AND 9TH
AUGUST 2024**

| Sl.No. | UTY REG NO. | Name of the Candidate |
|---------------|--------------------|------------------------------|
| 1. | AIAWSAQ001 | HANAZAINAB E |
| 2. | AIAWSAQ002 | ABDU RAHMAN ELLATH |
| 3. | AIAWSAQ003 | AL AMEENN |
| 4. | AIAWSAQ004 | V M MUHAMMED SHUAIB |
| 5. | AIAWSAQ005 | KRISHNAPRIYA K S |
| 6. | AIAWSAQ006 | MUHSINA MUSTHAFA |
| 7. | AIAWSAQ007 | ALWIN RISON |
| 8. | AIAWSAQ008 | ATHULKRISHNA I P |
| 9. | AIAWSAQ009 | P M SIVA NANDAN |
| 10. | AIAWSAQ010 | PRINCE KP |
| 11. | AIAWSAQ011 | ASHITHA SIVADASAN |
| 12. | AIAWSAQ012 | DEVAGANGA A S |
| 13. | AIAWSAQ013 | HARSHA K HARI |
| 14. | AIAWSAQ014 | HRIDYA SANTHOSH |
| 15. | AIAWSAQ015 | LENITHA BINU |
| 16. | AIAWSAQ016 | MALAVIKA PRADEEP |
| 17. | AIAWSAQ017 | P J KRISHNAPRIYA |
| 18. | AIAWSAQ018 | RAFAH SHANAVAS |
| 19. | AIAWSAQ019 | RIDHA SHERIN A |
| 20. | AIAWSAQ020 | SHAHANAS N A |
| 21. | AIAWSAQ021 | VIGITHA V |
| 22. | AIAWSAQ022 | ADITHYAN ANILKUMAR |

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| 23. | AIAWSAQ023 | ADITHYAN A S |
| 24. | AIAWSAQ025 | AKHILKRISHNA P H |
| 25. | AIAWSAQ026 | ANANTHAKRISHNAN K P |
| 26. | AIAWSAQ027 | ANSAF V A |
| 27. | AIAWSAQ028 | ARJUNKRISHNA K M |
| 28. | AIAWSAQ029 | GOKUL K S |
| 29. | AIAWSAQ030 | MOHAMMED SALIH P Y |
| 30. | AIAWSAQ034 | P B NISSIN BABU |
| 31. | AIAWSAQ035 | RAHUL P S |
| 32. | AIAWSAQ037 | VIJUN M |
| 33. | AIAWSAQ038 | VINMESH KUMAR K A |