

FIELD TRIP

Today (10.07.2024) B.Sc Aquaculture (Honors) students visited A.P.Fish Breeding Center at Kadiyam.

The primary goal of this field trip is to provide students with practical experience in fish breeding and aquaculture. This visit aims to improve students understanding of biological processes, environmental sustainability, and the important function of fish breeding in biodiversity and the availability of food.

We meet Sri. V.Krishnarao , Dist. Fisheries Officer, Smt. Sk.Dilshad, Assistant Director, Sri. D.Gopalkrishna, FDO. They have given a brief summary of the centre and its mission. Explaining the significance of fish breeding in aquaculture. Breeding procedures including artificial insemination, natural spawning, and selective breeding will be demonstrated. Discussion on the use of technology to monitor and improve breeding techniques.

Visit the breeding center's many parts, including hatcheries, nurseries, and grow-out ponds. Different fish species were observed at various phases of growth.

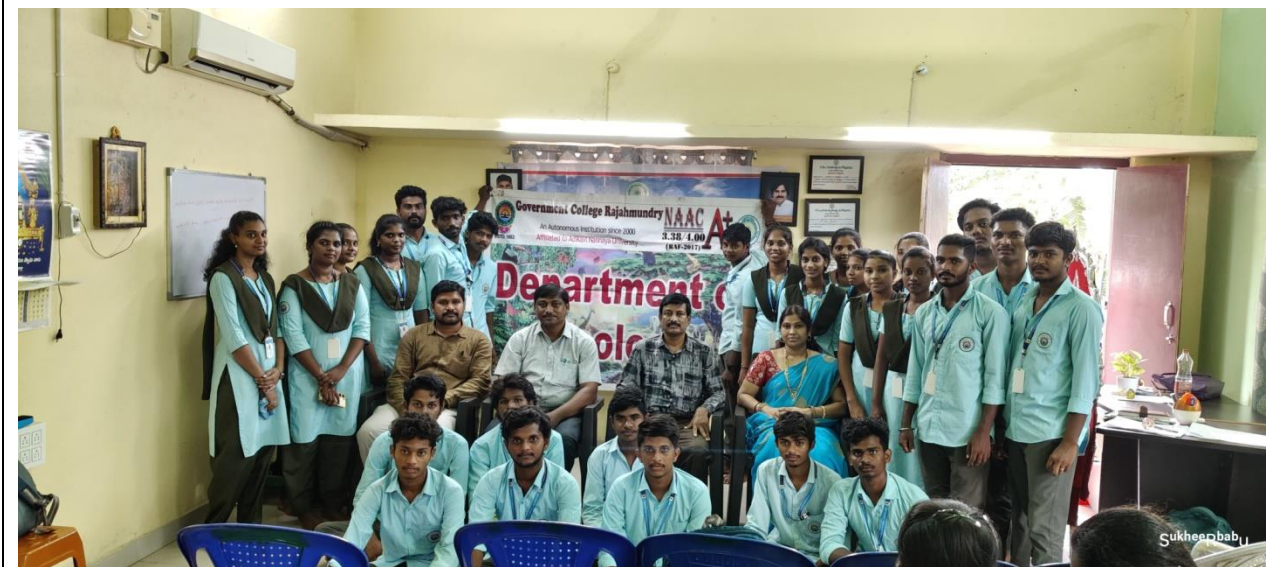
Breeding Techniques:

1. Water Quality Management: An overview of how water quality affects fish breeding. An explanation of the techniques used to monitor and maintain appropriate water conditions.
2. Food and Nutrition: Insight into the nutritional needs of various fish species. Feeding techniques and feed kinds are demonstrated.
3. Fish Health and Disease Management: An introduction to common fish diseases and how to prevent them.
4. Environmental and Economic Impacts: Discussion of the significance of fish breeding facilities in supporting sustainable fishing techniques. A review of the economic benefits of aquaculture.

Learning Outcomes:

- Upon completion of the field trip, students should be able to
- Understand the basic principles of fish breeding and their significance.
- Identify the various phases of fish development.
- Understand the value of water quality and nutrition in aquaculture.
- Understand the significance of technology and science in sustainable fish farming.
- Understand the environmental and economic implications of fish breeding.





Sri.V.Krishna Rao garu Dist. Fisheries Officer, SK.Dilshad garu , Asst. Director of A.P. Fisheries at Kadiyam