

A.S.D GOVT. DEGREE COLLEGE FOR WOMEN (A)

(Re- Accredited by NAAC with B Grade)

Jagannaickpur, Kakinada, East Godavari, AP-533002

**DEPARTMENT OF ZOOLOGY & AQUACULTURE
TECHNOLOGY**

2024-2025



Guest lecture

by

**T. Suma Latha, Assistant Director, State Institute of
Fisheries Technology (SIFT), Kakinada**

on


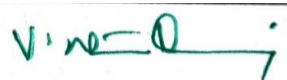
**“Importance of Women in Fisheries sector- Employability
opportunities in Aquaculture & Modern Technologies used
in fisheries sector”**

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Guest Lecture Register 2024-2025

Date	21/11/2025
Conducted through (DRC/JKC/NCC/NSS/Department)	Department of Zoology and Aquaculture Technology
Nature of Activity (Seminar/Workshop/Extn. Lecturer etc.)	Guest lecture
Title of the Activity	“Importance of Women in Fisheries sector- Employability opportunities in Aquaculture & Modern Technologies used in fisheries sector”
Name of the Department/Committee	Department of Zoology and Aquaculture Technology
Details of Resource Persons (Name. Designation etc.)	T. Suma Latha, Assistant Director, State Institute of Fisheries Technology (SIFT), Kakinada.
No. of Students Participated	52
Brief Report on the Activity	Students can acquire the knowledge on Importance of Women in Fisheries sector- Employability opportunities in Aquaculture & Modern Technologies used in fisheries sector.
Name of the Lecturers who Planned & Conducted the Activity	S. Madhavi Lecturer in-charge of Zoology M. Vasantha Lakshmi Lecturer in Zoology V. Vibhavari Yellari Guest Faculty in Zoology R. Venkata Sandhya Guest Faculty in Aquaculture Technology
Signature of the Lecturer in-Charge	
Signature of the Principal	
Remarks	

ASD GOVT DEGREE COLLEGE FOR WOMEN (A), KAKINADA

DEPARTMENT OF ZOOLOGY AND AQUACULTURE TECHNOLOGY

Guest Lecture

The Department of Zoology & Aquaculture Technology conducted a Guest Lecture on 21-11-2025 by Sri T. Sumalatha, Assistant Director of State Institute of Fisheries Technology, Kakinada. The resource person has enlightened the students on the topic **“Importance of Women in Fisheries sector- Employability opportunities in Aquaculture & Modern Technologies used in fisheries sector.”** 52 students participated in the programme and are equipped with knowledge of future opportunities in Aquaculture field.



Principal Dr. V. Anantha Lakshmi, ASD GDC (W)(A) addressing the gathering



Guest Lecture on “Importance of Women in Fisheries sector- Employability opportunities in Aquaculture & Modern Technologies used in fisheries sector” by T. Suma Latha, Assistant Director, SIFT

News Paper Coverage



మత్స్య రంగంలో మహిళల భాగస్వామ్యం

సాంబమూర్తి నగర్: అన్నవరం సత్యవతిదేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో జువాలజీ, ఆక్వాకల్చర్ టెక్నాలజీ విభాగం ఆధ్వర్యంలో గురువారం ప్రపంచ మత్స్య దినోత్సవాన్ని నిర్వహించారు. ప్రీన్స్ పల్ డా.వి.అనంతలక్ష్మి అధ్యక్షతన జరిగిన కార్యక్రమంలో స్టేట్ ఇన్స్టిట్యూట్ ఆఫ్ ఫిషరీస్ టెక్నాలజీ ఆసిస్టెంట్ డైరెక్టర్ టి.సుమలత ముఖ్యఅతిథిగా పాల్గొని మాట్లాడారు. మత్స్య

రంగంలో మహిళల భాగస్వామ్యం, ఉద్యోగవకాశాలు, మత్స్యశాఖలో ఉపయోగించే ఆధునిక సాంకేతిక గురించి విద్యార్థినులకు వివరించారు. ఈ సందర్భంగా వ్యాసరచన పోటీలు, పవర్ పాయింట్ ప్రజంటేషన్, వక్రత్వం, ఆక్వా ఫుడ్ పెన్స్ పోటీలు నిర్వహించి విజేతలకు బహుమతులు అందజేశారు. మత్స్యశాఖ అధికారి కె.వలపతి, అధ్యాపకులు పాల్గొన్నారు.



ప్రసంగిస్తున్న ప్రీన్స్ పల్ అనంతలక్ష్మి, అధ్యాపకులు

Date : 22/11/2024 EditionName : ANDHRA PRADESH(KAKINADA) PageNo :

Report on Guest Lecture

Women play significant roles in the fisheries industry worldwide, contributing to both small-scale and large-scale fishing operations, as well as related activities such as processing and marketing. Their roles can vary depending on cultural, regional, and economic factors, but here are some common ways in which women are involved in fisheries:

Fish Harvesting: Women often participate in fishing activities, either as fisherwomen or as part of fishing crews. They engage in activities like net mending, gathering bait, and handling fishing gear. In some regions, they may also be involved in catch collection and fish sorting.

Aquaculture: Women are involved in aquaculture, which includes the farming of fish and other aquatic organisms. They participate in activities such as feeding, pond maintenance, and harvesting. They are also involved in the culture of Trapa.

Processing and Post-harvest Activities: Women frequently play essential roles in processing and preserving fish. This can involve cleaning, gutting, smoking, drying, and packaging fish for sale. In many coastal communities, women are responsible for traditional methods of fish preservation dry and smoke. They are also involved in making pickles.

Marketing and Sales: Women often take on responsibilities related to selling fish in local markets. They may own or operate fish stalls, participate in fish trading, or engage in small-scale retailing. They are seen engaged in selling smoked fish and dry fish in many parts of the county.

Community Leadership: In some coastal and fishing communities, women take on leadership roles in managing local fisheries and promoting sustainable practices. They may organize cooperatives, advocacy groups, and educational programs.

Research and Conservation: Women also contribute to fisheries research, monitoring, and conservation efforts. They may work with NGOs or government agencies to collect data, conduct research, and advocate for sustainable fisheries practices.

Entrepreneurship: Some women in fisheries become entrepreneurs by establishing their fish-related businesses, such as seafood restaurants, fish farms, or processing units.

Social and Cultural Roles: In many fishing communities, women are the primary caregivers and often hold important social and cultural roles. They pass down traditional knowledge and practices related to fishing and seafood preparation.

Modern technologies in the fisheries sector include sensors, artificial intelligence (AI), and drones. These technologies help with monitoring, resource management, and sustainability.

Monitoring

- **Sensors:** Monitor fishing activity in real-time
 - **AI:** Identify and count fish in photos and videos
 - **Camera and tracking systems:** Record what happens on board a vessel
 - **Underwater drones:** Monitor fish behavior and detect distress
- Resource management
- **Satellite-based fishery management systems:** Map fishing zones and monitor aquatic environments
 - **Electronic logbooks:** Record data on catches, fishing effort, and accompanying fauna
 - **Automated scales:** Link to a computer or electronic tablet to record data
- Sustainability
- **Biofloc technology:** Improves fish health
 - **Aquaponics:** Enhances productivity and sustainability
 - **Water quality monitoring systems:** Reduce environmental impacts
 - **Digital tools and mobile applications:** Provide farmers with real-time information and support

