



D. K. GOVERNMENT COLLEGE FOR WOMEN

Nellore, Andhra Pradesh- 524003

Autonomous College, College with Potential for Excellence

Re-accredited with "A" Grade by NAAC



Report on AquaTech Expo 2024

Organized by AQUATECH Bilingual Monthly Magazine

Dates: March 24-25, 2024



PREPARED BY

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Objectives

Promote Aquaculture Awareness: To highlight the significance of aquaculture innovations in academic and industry settings.

Showcase Practical Expertise: To exhibit various aquaculture models created and presented by students.

Encourage Collaborative Learning: To foster teamwork among students and faculty through participation in an interdisciplinary event.

Gain Industry Insights: To provide exposure to industry practices and advancements showcased by other participants.

Achieve Recognition: To represent D.K. Govt. College for Women (A) at a prestigious event and earn accolades for academic excellence.

Outcomes

Successful presentation of five aquaculture models: cage culture, aquaponics, integrated aquaculture, ornamental fish unit, and transgenic fishes working model.

Recognition for the college as a center for academic excellence in aquaculture education.

Enhanced knowledge for students through interactions with industry professionals and fellow academic participants.

Winning the Best Expo Award, appreciating the innovation and effort demonstrated by the team.

Distribution of certificates and mementos to faculty and student participants, boosting morale and pride in academic representation.

Day-wise Report

Day 1: March 24, 2024

Inauguration:

The AquaTech Expo 2024 was inaugurated by Sri K. Joseph, Chief Editor of AQUATECH Bilingual Magazine, who emphasized the importance of bridging academia and industry in aquaculture development.

Setup and Exhibition:

The Department of Zoology and Aquaculture from D.K. Govt. College for Women (A) participated under the leadership of Dr. T. Sri Ranjani, Head of the Department and Organizing Secretary, supported by three faculty members Dr. N. Anitha, Dr.CH.Lalitha AND Smt.H. Swathi and 30 students. Students exhibited following models and gave wonderful explanation to the visitors.



Cage Culture Model:

Students of 4th semester Aquaculture exhibited a model of cage culture and presented sustainable open-water aquaculture techniques, highlighting resource efficiency and scalability.

Aquaculture students demonstrating cage culture model to Professors of Fishery college.



Aquaponics Model:

Students of 2nd semester Aquaculture major prepare aquaponics working model and demonstrated a symbiotic system integrating fish farming and hydroponic plant cultivation.



Integrated Aquaculture Model:

Students of 4th semester Aquaculture exhibited a model of integrated aquaculture and showcased resource utilization to achieve maximum yield and minimal waste.

Students explaining about integrated aquaculture model



Ornamental Fish Unit:

Students of 6th and 2nd semester showcased ornamental fish unit and highlighted breeding and maintenance practices for ornamental fish species.

Transgenic Fishes Working Model:

Students of 2nd semester Aquaculture major prepared Working Transgenic working model and explained genetic engineering applications in aquaculture for enhanced productivity using Zebra Glow fish as model.



Student and Staff Participation:

Each exhibit was led by student groups, who provided detailed explanations, answered questions, and shared insights about the models.

Visitors included industry professionals, researchers, and aquaculture enthusiasts who appreciated the innovation and depth of knowledge demonstrated.





Day 2: March 25, 2024

Exhibition Continuation:

Increased footfall on the second day as participants revisited exhibits for detailed discussions.

The transgenic fish model and aquaponics setup received significant attention for their modern and sustainable approaches.

Dr. D. Giri Sir, Principal visit to stall in the expo



Workshops and Interactions:

Dr. T. Sri Ranjani and her team conducted an interactive session on “Innovative Aquaculture Models for Sustainable Development.”

Students engaged with industry leaders, learning about career opportunities and current challenges in aquaculture.

Closing Ceremony:

Chief Guest: The Principal of D.K. Govt. College for Women (A) Dr. D. Giri Sir graced the closing ceremony, commending the efforts of the student and faculty team.



Felicitation to the Principal sir.Dr.D.Giri sir by Sri K.Joseph sir, Organizing secretary of the expo

Awards and Recognition:

The college team received the **Best Expo Award** for their creative and well-executed exhibits.

Certificates and Mementos: Distributed to the 30 students, 3 faculty members, and Dr. T. Sri Ranjani as a token of appreciation.

Special acknowledgment was given to the organizing committee for their contribution to the event's success.

Dr.T. Sri Ranjani, HOD, Dept of Zoology receiving Best Expo Award from the organizers.





Speech by Dr. T. Sri Ranjnai in the Expo

Key Highlights of Participation

Student-Centric Approach:

Active involvement of students in preparing, presenting, and managing the exhibits enhanced their practical skills and confidence.

Academic and Industry Convergence:

Exposure to industry participants broadened the students' perspectives on the latest trends and applications in aquaculture.

Recognition:

The team's efforts culminated in the prestigious Best Expo Award, showcasing the department's commitment to excellence.

Networking Opportunities:

Faculty and students established connections with industry experts and researchers for potential collaborations and internships.

Feedback and Future Plans

Feedback:

Visitors lauded the exhibits for their innovation, clarity, and relevance to contemporary challenges in aquaculture. Suggestions were made for incorporating live demonstrations in future events.

Future Participation:

Plans to enhance the scale and diversity of models in future expos by integrating more live setups and student-led innovations.

Conclusion

The participation of D.K. Govt. College for Women (A) in the AquaTech Expo 2024 was a resounding success. The dedication of Dr. T. Sri Ranjani, her faculty team, and the students not only brought accolades to the college but also underscored the role of academic institutions in advancing the aquaculture industry. The event served as a platform for showcasing talent, fostering innovation, and building a bridge between academia and industry.

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