**A.S.D GOVT. DEGREE COLLEGE FOR WOMEN (A),**
(Re- Accredited by NAAC with B Grade)
**Jagannaickpur, Kakinada-533002, East Godavari, AP**

**DEPARTMENT OF ZOOLOGY & AQUACULTURE TECHNOLOGY**

**2018-2025**

# Best practice

# From Classroom to Conservation: Fostering Awareness on conservation and Preservation

## Title of the Practice:

From Classroom to Conservation: Fostering Awareness on Conservation and Preservation

## Objectives of the Practice:

The primary objective of this practice is to bridge the gap between theoretical knowledge gained in classrooms and real-world environmental conservation efforts. It aims to foster awareness among students about the importance of biodiversity preservation, sustainability, and eco-friendly practices. Through active participation in conservation activities, students learn to contribute meaningfully to environmental conservation. The practice's underlying principles involve education, hands-on experience, and advocacy for the preservation of natural resources, instilling a sense of responsibility toward the environment among students.

## The Context:

With rapid urbanization, climate change, and deforestation threatening the natural ecosystem, it became essential to instill the awareness and action-oriented practices in students. Despite growing interest in environmental issues, many students lacked real-world exposure to conservation efforts. The challenge was to design a practice that seamlessly integrated environmental education with practical fieldwork, fostering a genuine interest in conservation and preservation.

## The Practice:

The practice of "From Classroom to Conservation" seeks to engage students in both theoretical and practical aspects of environmental conservation. In this practice, students are exposed to classroom lessons on biodiversity, ecosystems, and conservation strategies, followed by real-world field visits and hands-on involvement in conservation projects. Students participate in activities like tree planting for habitats of fauna, wildlife monitoring, habitat restoration, and awareness campaigns in local communities.

The uniqueness of this practice lies in its holistic approach it does not only focus on classroom-based knowledge but also encourages students to apply what they learn in real-life conservation scenarios.

## Evidence of Success:

The success of this practice is evident in the increased participation and awareness of biodiversity issues among students. The Department of Zoology & Aquaculture Technology has been organising field trips to Aquafarms/ Fish farming societies, training at Coringa Wildlife Sanctuary to enhance the Knowledge of mangrove fauna, Study projects of their curriculum, helping to engage students in biodiversity conservation. The practice also led to successful collaborations with local environmental organizations such as Fisher-man Societies, Forest Department, etc., and in some cases, students helped organize local conservation campaigns or eco-clubs.

Evidence from these activities indicates that the practice not only raised awareness, but also fostered tangible outcomes, like the restoration of small urban parks and planting initiatives with feeders & waterers for birds. Students who participated in these field experiences

reported a higher sense of environmental responsibility and a willingness to pursue a career in the conservation of biodiversity.

**Problems Encountered and Resources Required**:

A key problem encountered was the logistical difficulty of organizing field trips, particularly to remote conservation areas or wildlife sanctuaries, due to transportation and budget limitations. Another challenge was the initial resistance from students who were not initially motivated to engage with biodiversity issues.

The resources required for implementing this practice included funding for transportation, partnerships with conservation organizations, and the development of educational materials that could be used to engage students both in the classroom and in the field. Faculty members with expertise in conservation, environmental science, and fieldwork were essential to the success of the awareness & conservation of fauna at our surroundings. By using the proper tools of AI, students can make self-learning of the distribution of rare fauna in our vicinity. Providing these resources helped ensure that students had a comprehensive understanding of conservation and were able to make meaningful contributions to preservation efforts.

# Gallery


Zoology Club Activities

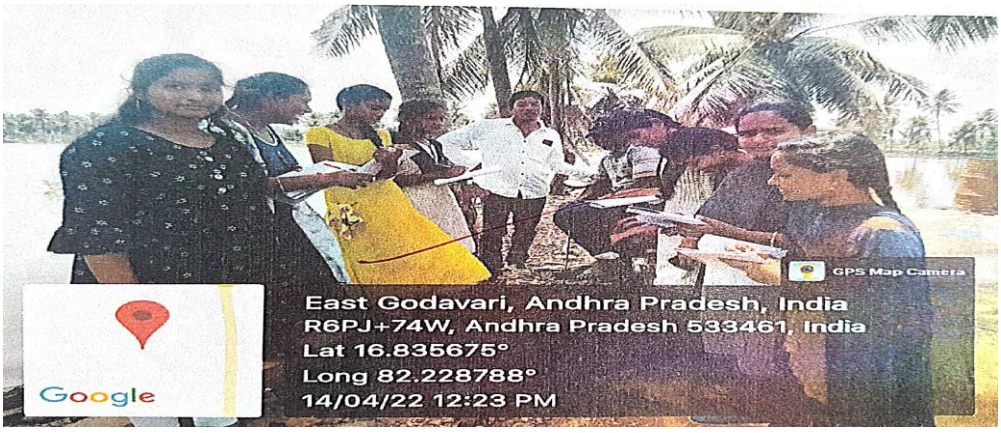
Plain Tiger Butterfly

Harpaphe haydeniana-yellow spotted millipede

Cattle egret

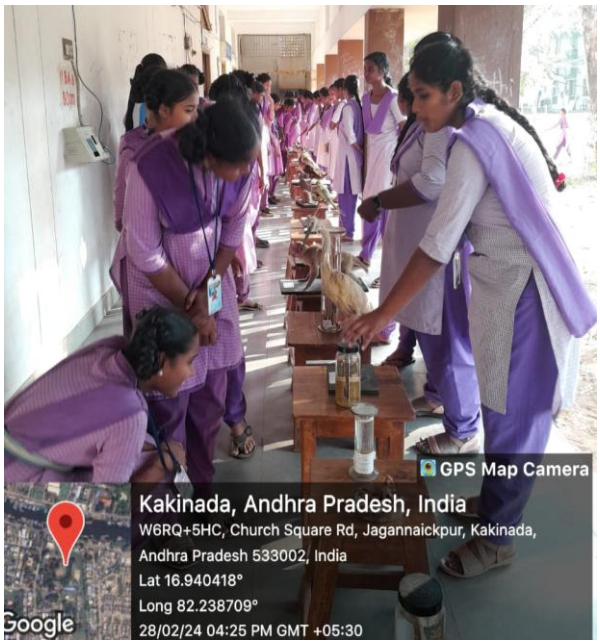

# Fauna at our College

**Different varieties of fresh and marine fin fish and shell fish at Pidugulamma fisher women co-operative society**




**Field trip to culture ponds**

**Bird identification training & field visit at CWS**





**Creating Awareness in Students about fauna for biodiversity conservation**