

GOVERNMENT DEGREE COLLEGE, GUMMALAKSHMIPURAM

DEPARTMENT OF BOTANY 2024

Name of the Event: World Wetlands Day

Resource Person : Dr. T. Sreevaram, Principal

Date : 02-02-2024

Department : Botany

Venue : Gdc Gummalakshmipuram

Lecturers Attended : 05

Students Attended: 29

“World Wetlands Day” Was celebrated in the college on 02-02-2024. The Guest of honor Dr. T. Sreevaram, Principal of the college delivered a message on the importance of World Wetlands Day. This Year Them ‘Wetlands and Human Wellbeing’ We Conducted an On-line National Quiz Program and many more events. Nearly 100 Students and Staff Participated in the events, Prizes were distributed to the winners and Certificates were given to the entire participant's.

The main aim of conducting the Event in the college is to make the students Participate in the events so that they will share their knowledge.

Speech given by Dr. T. Sreevaram (Principal): Good morning everyone,

It gives me immense pleasure to stand before you today to celebrate World Wetlands Day. Every year on February 2nd, we observe this important day to raise awareness about the critical role wetlands play in sustaining life on our planet. This year's theme, "Wetlands and Human Wellbeing," reminds us how interconnected we are with these natural ecosystems.

Wetlands — including lakes, marshes, rivers, and swamps — act as nature's kidneys by filtering pollutants and providing clean water. They are also powerful carbon sinks, helping to combat climate change. Moreover, they are a source of livelihood for millions of people, offering opportunities for agriculture, fishing, and ecotourism. But sadly; wetlands are disappearing three times faster than forests. Urbanization, pollution, and unsustainable development threaten these fragile ecosystems. As individuals and as a community, we must commit to their conservation. Simple actions like reducing plastic use, conserving water, and supporting wetland restoration initiatives can make a big difference.



Speech given by T. Satyarao Guest faculty in Botany: It is an honor to be here today on the occasion of World Wetlands Day 2024. As a student and teacher of Botany, I find wetlands to be among the most fascinating and vital ecosystems on our planet. The theme for this year, "Wetlands and Human Wellbeing," underscores the deep connection between these natural landscapes and our lives. Wetlands are often referred to as the "lungs of the Earth" because they regulate water, store carbon, and provide habitats for countless plant and animal species. They are also nurseries for aquatic life, supporting biodiversity that is essential to ecological balance. In fact, wetland plants like Typha, Cyperus, and Phragmites not only offer habitat but also act as natural filters, cleansing the water of pollutants. However, the alarming rate at which wetlands are being degraded is a wake-up call for all of us. Reclamation for urban development, pollution, and climate change are taking a toll on these delicate ecosystems. As botanists, we must emphasize the importance of preserving native vegetation, restoring damaged wetlands, and promoting sustainable practices. Furthermore, wetlands play a critical role in local economies. From medicinal plants to raw materials, wetlands offer resources that support communities. Mangroves act as natural coastal barriers, protecting us from storms and floods. Additionally, aquatic plants like water hyacinths are being studied for their phytoremediation properties, offering hope for cleaner water systems. Today, as we commemorate World Wetlands Day, I encourage you to learn more about the wetlands around us. Participate in restoration programs, educate others on their importance, and support policies that safeguard these ecosystems. As guardians of nature, it is our responsibility to ensure that wetlands continue to flourish.



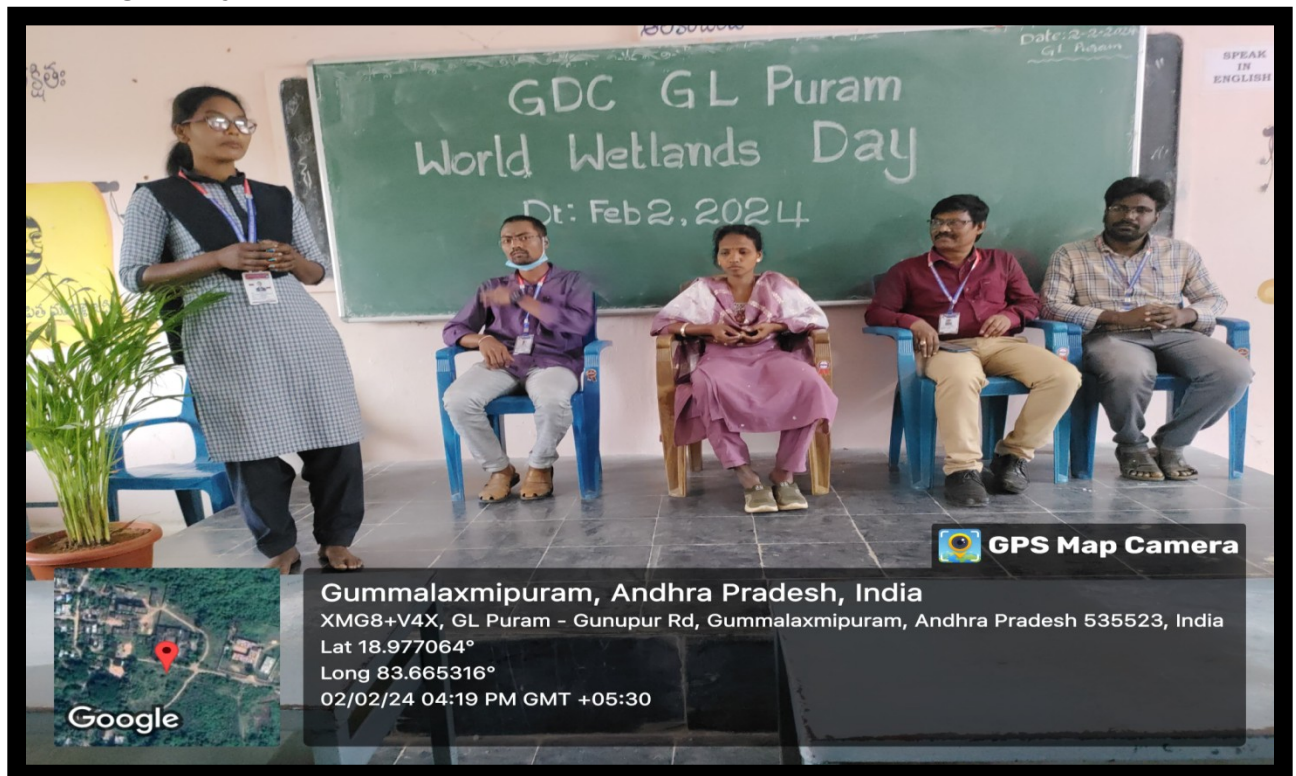
Speech given by K. Chinnarao Lecturer in Chemistry:

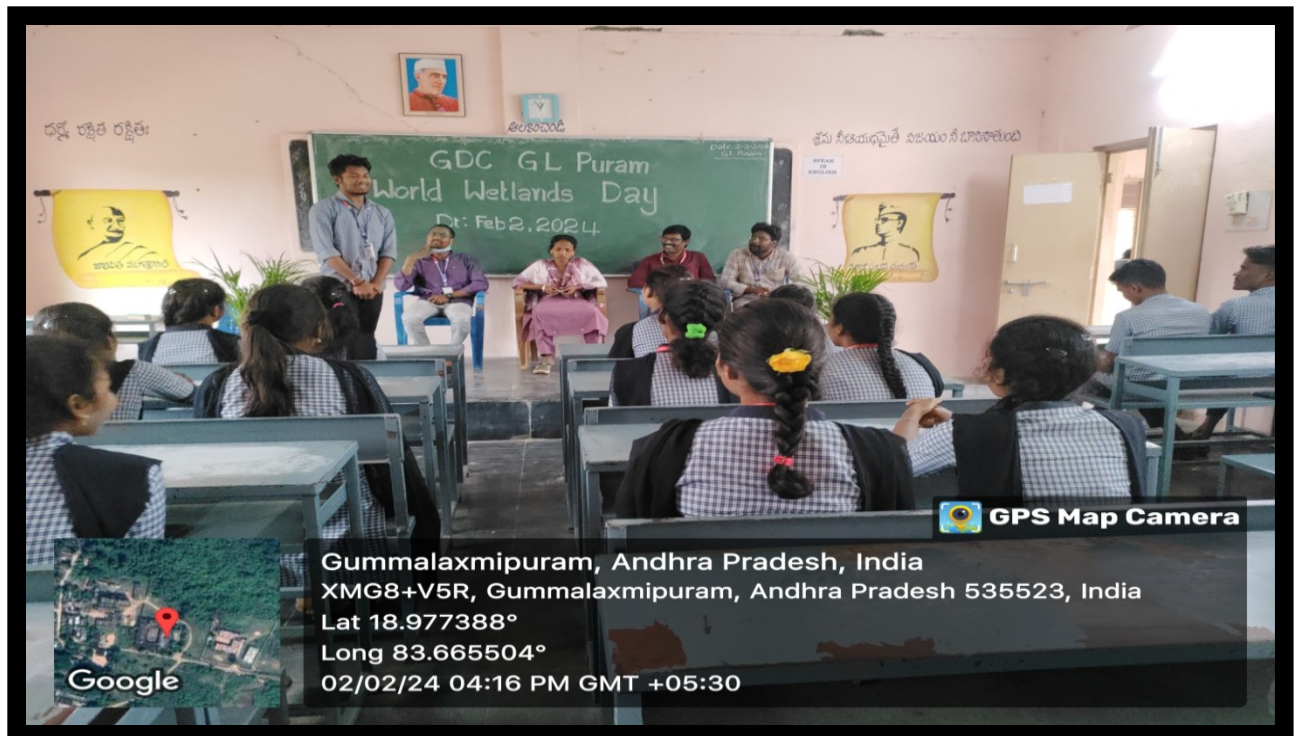
It's a privilege to stand before you today to celebrate World Wetlands Day 2024. As a chemistry lecturer, I view wetlands not only as beautiful ecosystems but also as nature's most efficient chemical laboratories. The theme for this year, "Wetlands and Human Wellbeing," highlights how wetlands contribute to the health of our environment and us.

Wetlands perform incredible biochemical processes. They act as natural water purifiers, removing toxins, heavy metals, and pollutants from water. The chemical interactions between wetland plants, microbes, and sediments enable the breakdown of organic matter and neutralization of harmful substances. In fact, wetlands are often referred to as "nature's kidneys" because they filter and cleanse water before it reaches larger bodies like rivers and oceans.



Speech given by student P. Padma

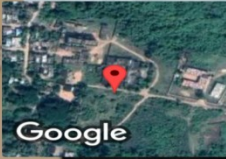




Speech given by Student A. Rahul



Speech given by Student M. Jeevan



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Long 83.665303°

02/02/24 04:02 PM GMT +05:30

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