



MKR GOVERNMENT DEGREE COLLEGE DEVARAKONDA

(Dist. NALGONDA) – 508 248

(Accredited with B⁺⁺ Grade by NAAC & ISO 9001:2015)

E-mail: pri-gdc-dvk-ce@telangana.gov.in

Website: <https://gdcts.cgg.gov.in/devarakonda.edu>

Dr. Ch. RamaRaju, M. Sc., M. Ed, Ph.D.

Principal (FAC)

Dr. Ch. Rama Raju, Asst. Professor of Botany

Best Practice 1

Title of the practice: Environmental Awareness and Botanical garden

Goal: Create awareness about importance of balanced environment among students and staff and plan actions to save our environment in order to make our life safe and healthy.

Objectives of the Practice:

1. To create peaceful environment in the campus and increase green consciousness among students.
2. To conduct activities to support environment.
3. To inculcate practical and humanitarian bend of mind among students that can prove as long lasting impact on their future personal and professional life.

Context:

The college has a large campus with rich bio-diversity. The major habitats on the campus include garden, open spaces and buildings.

Practice:

1. During every academic year, the college organizes Haritha haram -tree plantation program.
2. The college premise is filled with greenery which produces soothing impact in hot summer days.
3. From 1 September 2021 to 15 September 2021, Department of Botany conducted Nutrition Week in which uncultivated green importance is exhibited.
4. There are varieties of plants in the Botanical garden and in campus. The total number of medicinal plants in botanical garden is 55. All the Science students are involved in the initiative taken by the Botany department. Because of this, the interest of students for plantation is raised. These initiatives exhibit institutes efforts for environment sustainability and inspire students to take up responsible steps for better environment and better life.
5. Vermicompost pit is used to create manure from plants and trees and dried leaves are used to decompose in addition to wormy compost.
6. To recharge water, the institution implements rain water harvesting to some

buildings in order to raise the water level of the bore well.

7. Distribution of mud *Ganesh* to students' interest to involve themselves in environment awareness programs initiated by the college.

Evidence of Success:

All the activities and programs run by the institution are focused on students' sensibility towards environment and nature. They are found actively participated in all the activities and behave more responsibly in the campus. No trees and plants are hurt by any students. The collective efforts to maintain the campus clean and green is visible to any outside visitor. More number of plants is growing each year in the campus. The evidences of the practices can be seen in terms of cleaner environment, bio diversity maintained in campus, botanical garden.

Problems Encountered and Resources Required

Planning of different activities needs continuous efforts of staff as well as students. Maintenance of botanical garden and other green zones is challenging as they need more human resources and funds. Moreover, the drought conditions are a challenge to survive new plants and green leaves. The water scarcity is the main problem of the area in summer and the water resources are limited to use. During COVID-19, college remains closed for long period makes the most of the development plans in vain. Few of the plants not survived.





Photographs showing medicinal plants present in the botanical garden