



# Andhra Christian College, Guntur

Affiliated to Acharya Nagarjuna University

Sambasivapet main road, Guntur -522001, A. P. India

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Criterion: VII

Metric: 7.2.1



## 7.2 Best Practices

### Best Practice: 1

Green Campus Initiatives



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## Green Campus Initiatives

1. Green audit reports
2. Borewell recharges pits
3. Flora and Fauna of the college
4. Flex sign boards
5. Photographs

### Objectives of the Practice:

We identified the following objectives which are in tune with the practice

- To promote awareness of environmental issues among the students, staff, and society.
- To achieve better sustainability on the campus and improve the quality of life of all the Stakeholders.
- To conserve water resources through rainwater harvesting.
- To plant a rare and medicinal/herbal plants on the college campus
- To enrich organic farming activity to avoid the use of pesticide-based vegetables.
- To promote awareness regarding Corona Pandemic.
- To support and implement “**Swachh Bharat Abhiyan**” for healthy India.
- To Organise plantation periodically to support the environment.

### The Context:

Now a days clean hygienic environment is a basic necessity of human beings for a healthy life. The main aim of the practice is to impart knowledge, create awareness, and develop an attitude of concern, and nurture the necessary skills to handle environmental and Covid -19 pandemic issues. In the urban region maintaining green landscaping of college is challenging and requires necessary features for shaping and sustaining an eco-friendly campus. The college is spread over 7.14 acres of lush green area.

### PEDESTRIAN FRIENDLY PATHWAYS

The College has made investments to keep its excellent, wide roadways. in good condition. The well-maintained roads on the campus make it easier for cars and pedestrians to move



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around. By ensuring that people on foot have designated pathways, this proactive action promotes walking as a safe and environmentally friendly form of transportation. The route from the front gate to the academic buildings is made with walkways that are friendly to walkers.

## **BAN ON THE USE OF PLASTIC**

The College has taken a significant step in banning single-use plastic goods such as bags, straws, cups, utensils, and bottles. This bold initiative demonstrates the college's dedication to lowering plastic related environmental challenges. The college prioritises raising awareness among its personnel and students. This is accomplished via prominently placed display boards on the buildings. The college community are made aware of the adverse effects of plastic usage via this initiative. The college recommends that staff and students use steel or copper water bottles instead of single-use plastic bottles for environmental reasons. This adjustment minimises the amount of plastic bottle waste created while encouraging reusable, environmentally friendly choices. As part of the project, students and National Service Scheme (NSS) volunteers agree to maintain the campus polythene-free.

## **LANDSCAPING WITH TREES AND PLANTS**

With an emphasis on tree planting programs and related activities, the college's dedication to environmental conservation and green initiatives is praiseworthy. Every year, the college plans a tree planting initiative programme. This indicates a persistent dedication to enhancing green space and sustainability. By actively taking part in these plantation activities, faculty and students demonstrate their commitment towards environmental problems. The landscape of the college is both well-maintained and diverse, with a combination of young trees, saplings, very old trees and herbs. College's plantation drives showcase a variety of natural and valuable trees, including *Acacia nilotic*, *Tectona grandis*, *Ficus benghalensis*, *Murraya koenigii* and more, in addition to medicinal plants like Neem, Tulasi and Aloe Vera. The fauna includes squirrels, Pigeons, doves, mynas, Parrots and Mongoose.

### **The Practice:**

The college conducts periodically a green audit by external peers. The objective of the green audit is to promote Environment Management and Conservation on the college campus and introduce an awareness of the real concerns of the environment and its sustainability. We



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have undertaken a program of labelling the plants on the college campus. Department of Botany has developed Vermicomposting units on the campus.

The college organizes online webinars on challenging issues like Covid-19. In the pandemic situation various sanitization practices have been carried out to maintain a healthy and safe work area.

## Evidence of the Success:

This best practice has proven to be successful through the following activities:

- Through periodical tree plantations, Flora and Fauna on the campus are enriched, which has turning the campus into an eco-friendly campus.
- Awareness campaign for the plastic-free campus through signboards/display boards made the campus plastic-free.
- Waste management.
- No Vehicle Day helps us to minimize the air pollution on the campus.
- Through NSS activities, students are made aware of environmental issues.
- Green audit of the campus is done periodically and regularly.
- Follows the suggestions from department of Botany, Acharya Nagarjuna University, Guntur and N. G. Ranga Agricultural University, Guntur

## Problems Encountered and Resources Required:

- Green Campus initiatives are challenging, so it requires determination and a long-term assurance from all the stakeholders.
- Green Campus initiative is a rather expensive practice. It needs expert advice and investment of resources.
- Less awareness of students and the community towards environmental issues.

Video Link to Campus : [View File](#)





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Andhra Christian College, Main Entrance



Main Gate View from Inside





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St. George Statue symbolic for Victory over Evil



College Tower View constructed in 1885





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Front View



Statues of Founders of the college





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From Left 1. Rev. Dr. John Frederic Christian Heyer; Founding Father of college

2. Rev. Dr. Martin Luther; Pioneer of Protestant Movement

3. Rev Dr. L B Wolf; First Principal



College Layout





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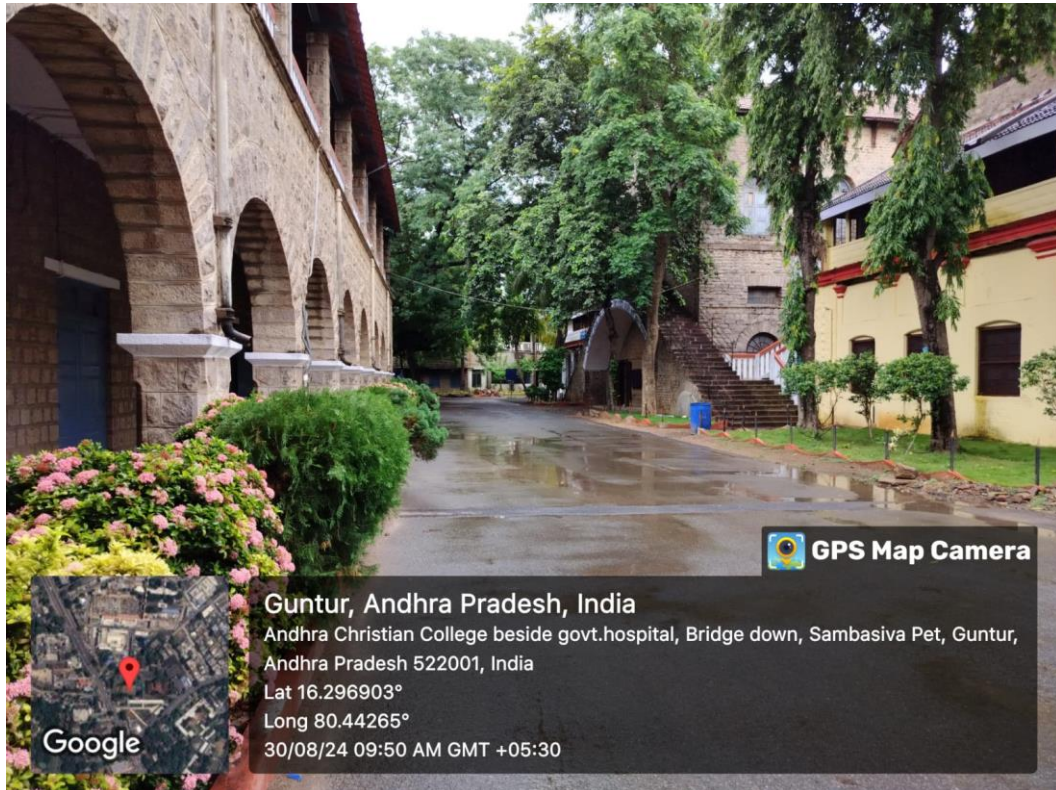
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College View from Main Building







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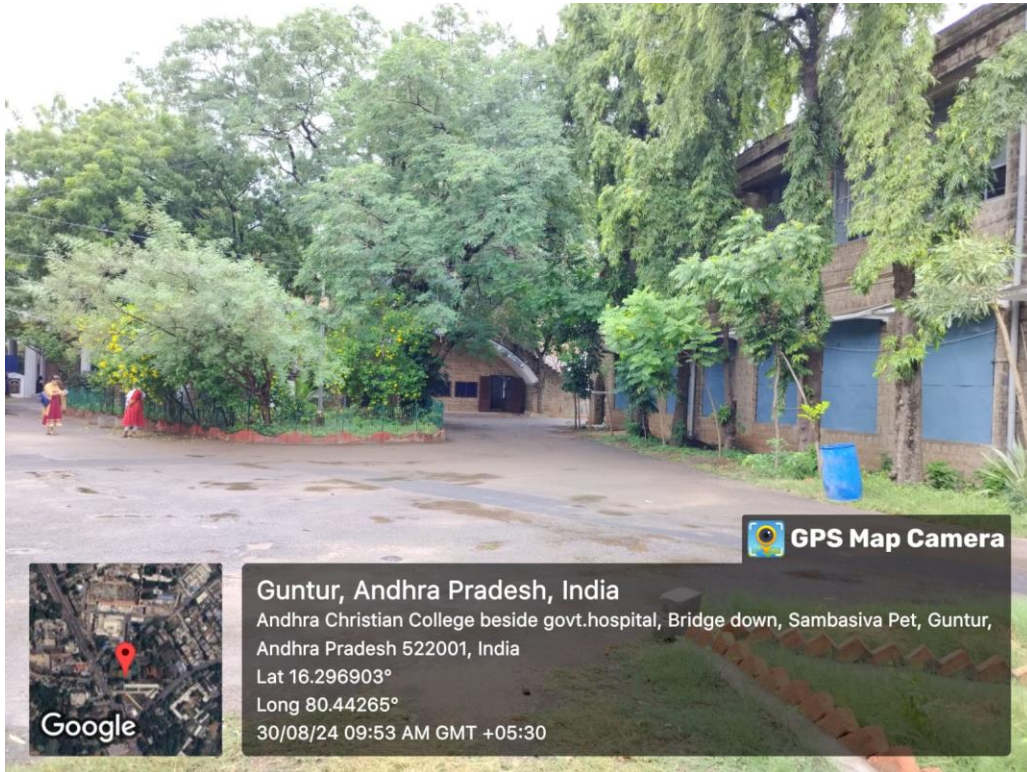
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View of Physics Building



J. D. Seelam Seminar Hall





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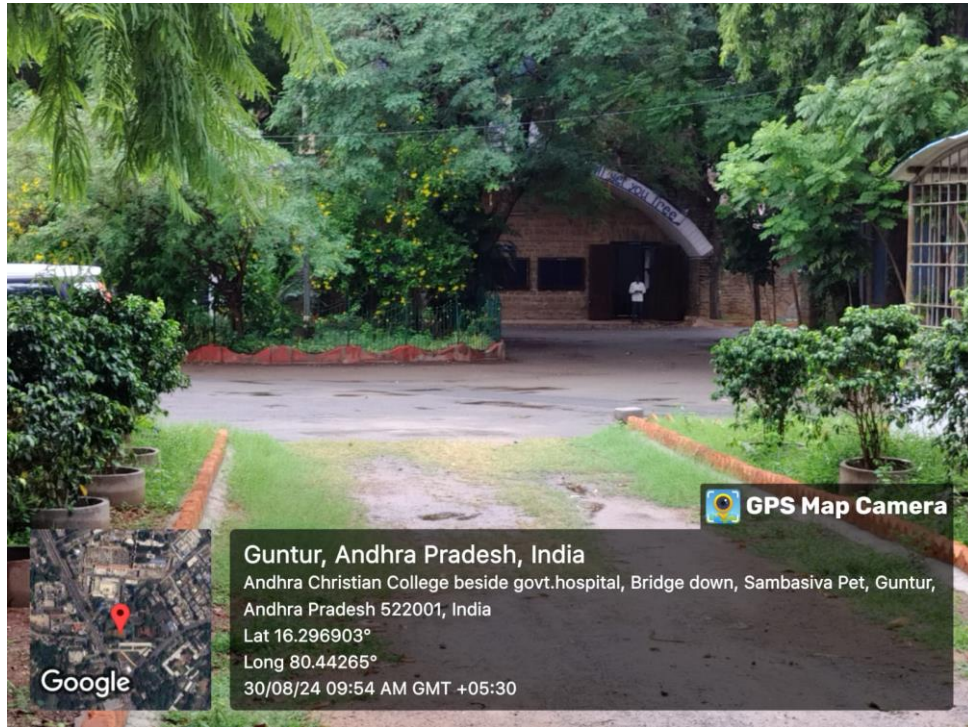
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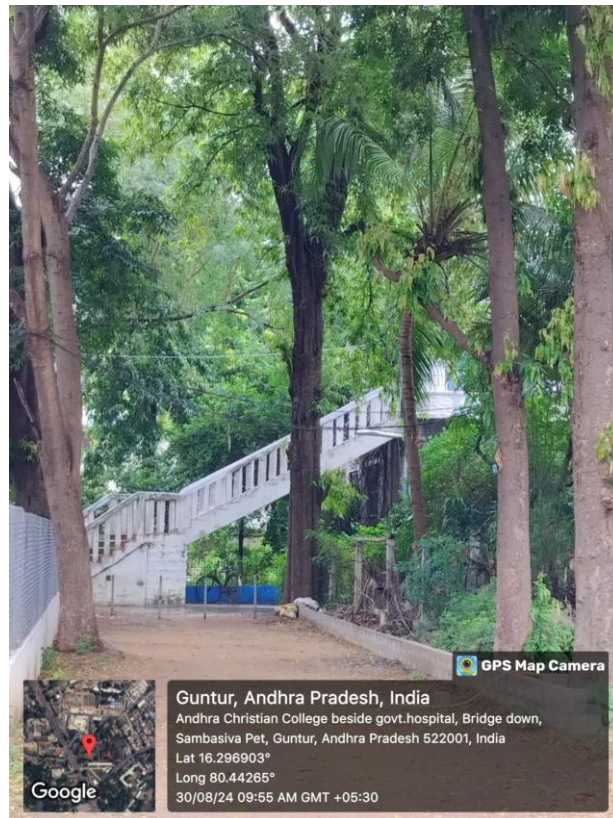
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View from Seminar Hall



Way to Botany Department





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Garden in Front of Library



College View from Library





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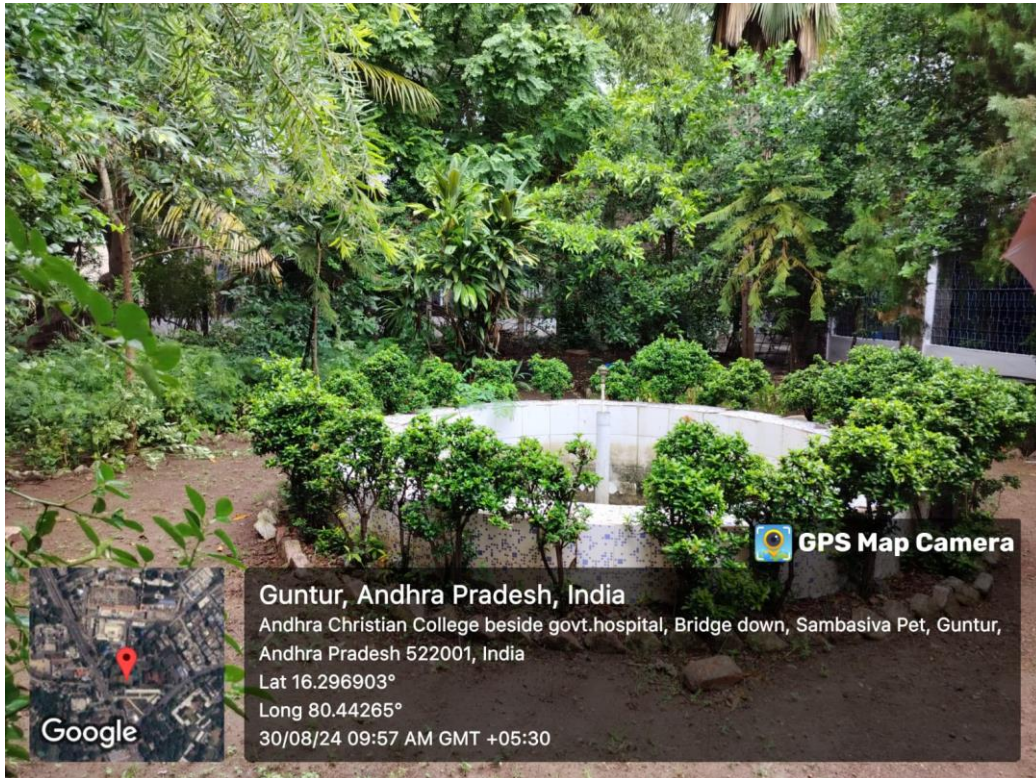
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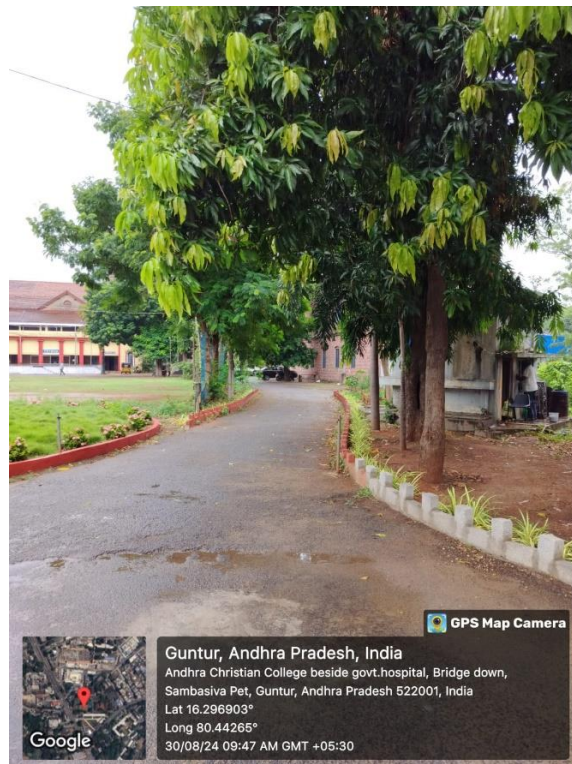
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Zoology Garden



Way to Y V Rao P. G. Block





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Solar Panels installed on Library



Solar Panels installed on Main Building





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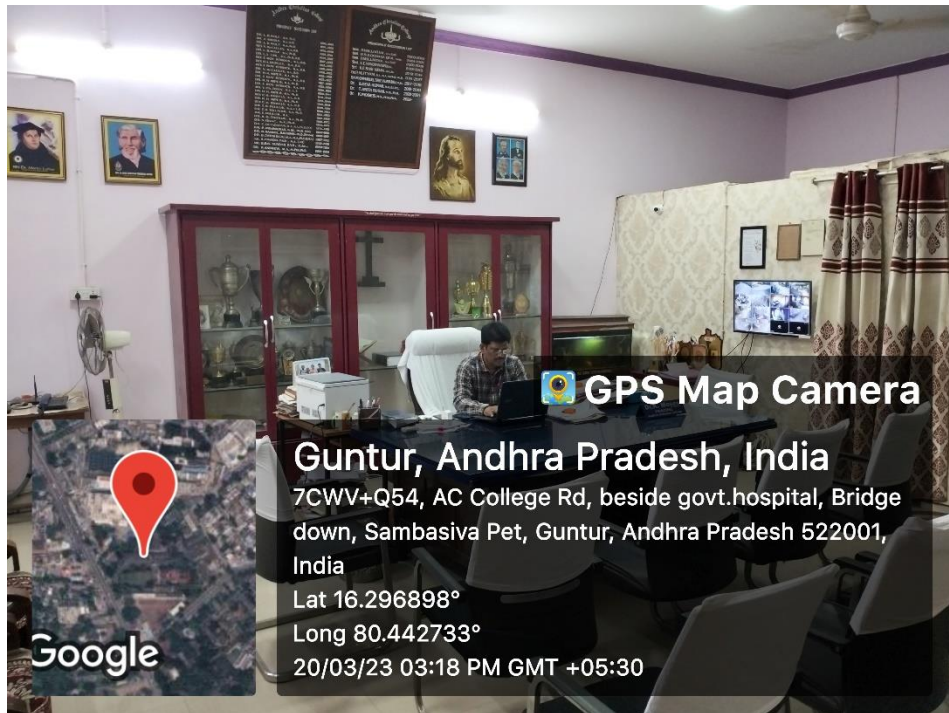
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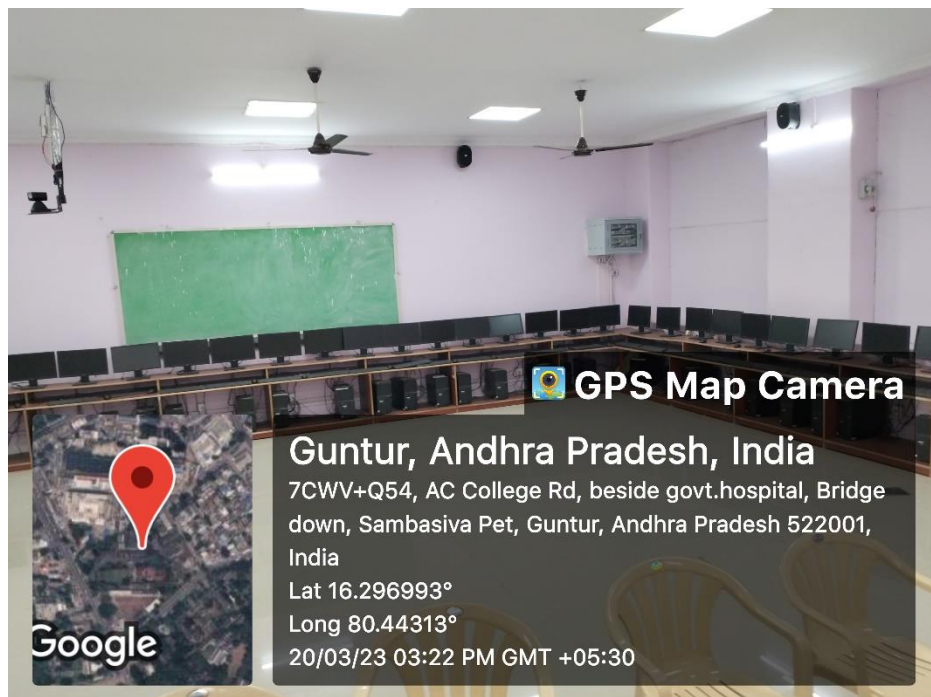
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Usage of LED Bulbs



LED Bulbs in RUSA Lab



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## Herbal plants in the Campus:

Some of the Plants/trees in our campus are of medicinal value and persons of Guntue to collect the leaves for specific treatment. Some Plants are



Aloe Vera



Ranapala (Local Name)



Murraya