

## **7.1.2 The Institution has facilities for alternative sources of energy and energy conservation measures**

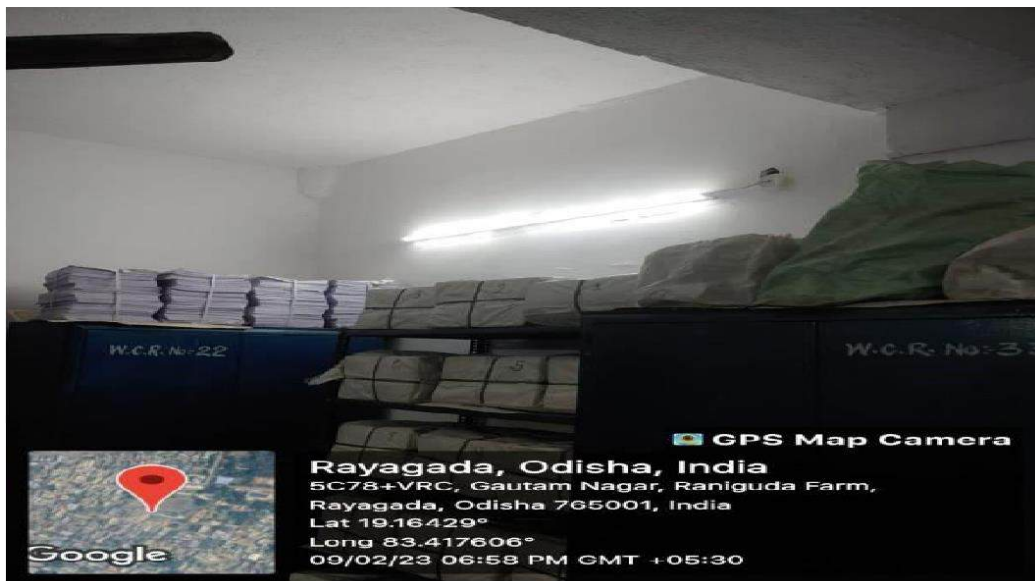
### **Solar Panels**

1. Solar panels are installed to save energy in the college Campus.



## Use of LED bulbs

2. LED Bulbs are installed to consume less electricity.





### 3. Management of the various types of degradable and non – degradable waste.

#### Effective Waste Separation and Management

Solid Waste Management Categories

- **Blue Dustbin - Recyclable Waste:** For paper, plastic bottles, glass, and metal cans. These are recycled to reduce landfill waste and promote sustainability.
- **Green Dustbin - Organic Waste:** For food scraps and vegetable peels. This waste is composted to create nutrient-rich soil and support green initiatives.
- **Black Dustbin - E-Waste:** For electronic items like bulbs and damaged equipment. E-waste is processed at specialized facilities to handle hazardous materials and recover valuable components.



**Academic Building:** In classrooms, faculty offices, the three-color dustbin system ensures that students and faculty can effectively separate their waste, contributing to a cleaner and more sustainable campus environment.



**Administrative Building:** Here, the blue, green, and black dustbins are strategically placed in offices, meeting rooms, and common areas to facilitate easy disposal and segregation of waste by staff and visitors.





**Use of Dustbin in the Classroom**

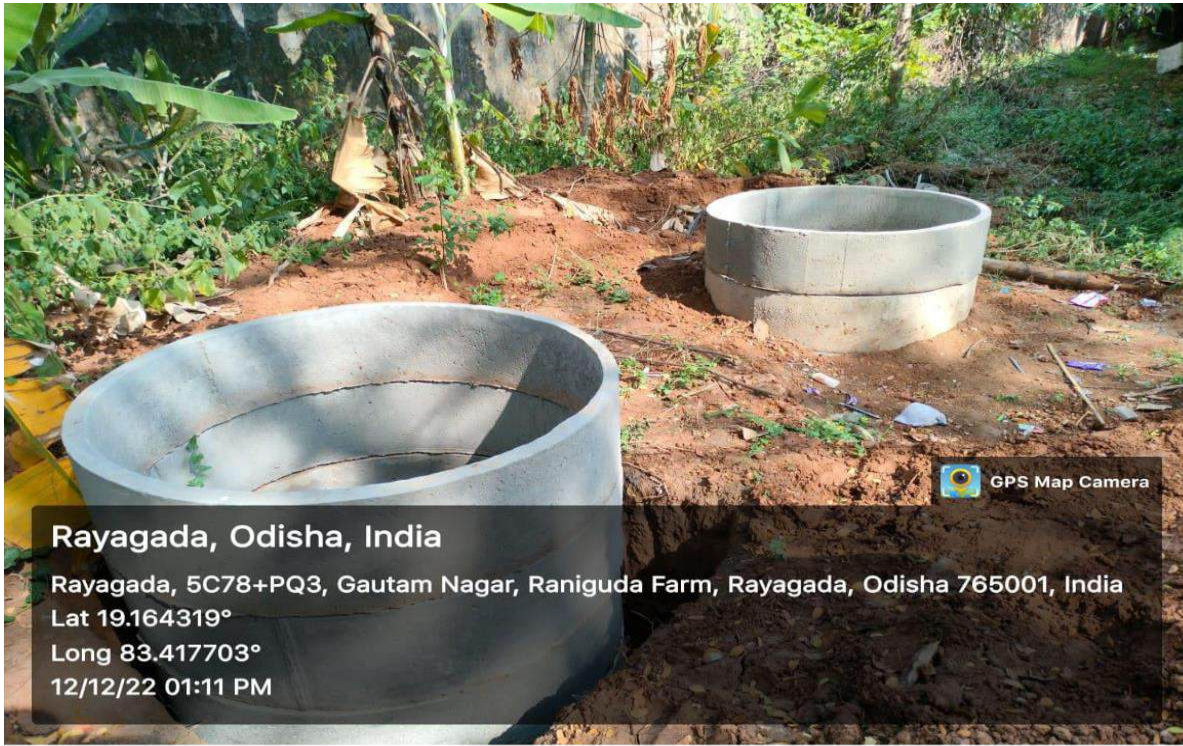


**Use of Dustbin in Jhanjhabati Women`s Hostel**



**Use of Dustbin in Devgiri Women`s Hostel**





**Composting pit:** Waste collected from bin is directed to a composting pit located on the college grounds. The composting process converts organic waste into nutrient-rich compost, which can be used to enrich the soil.

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## 4. Water Conservation

### Rainwater Harvesting System



**Catchment Area:** The rooftops of the college buildings are equipped to channel rainwater efficiently.





**Pipe Line connecting roof area to water storing tank.**





**Rainwater Harvesting Tank (Storage Tank)**



**Water Pumping Motor**

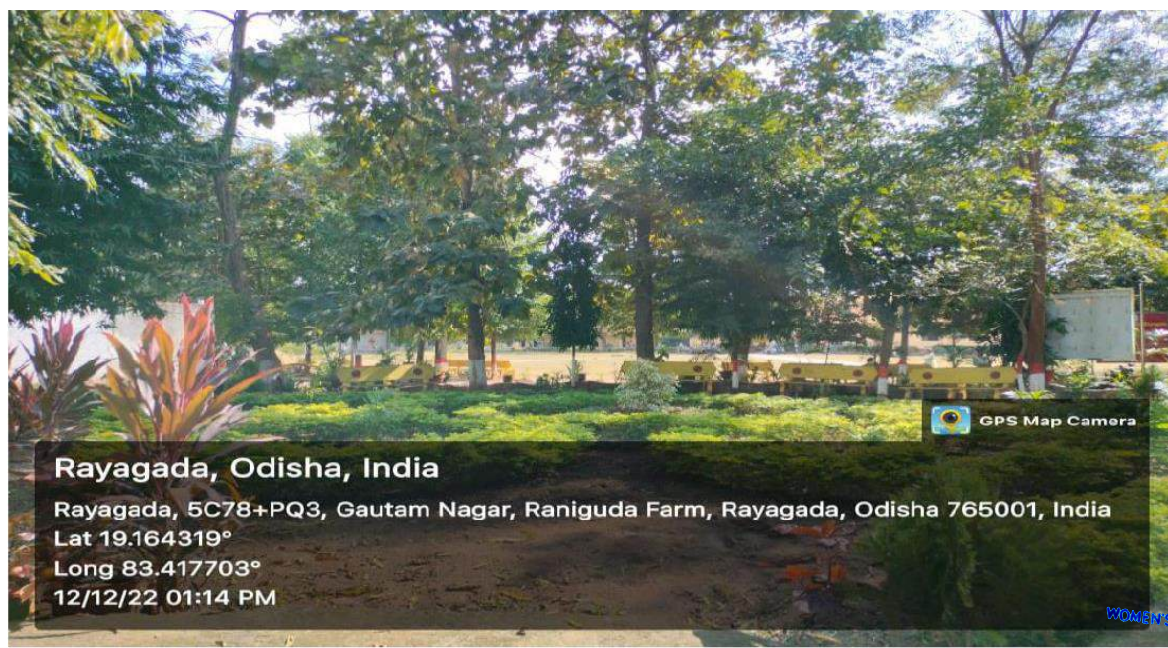
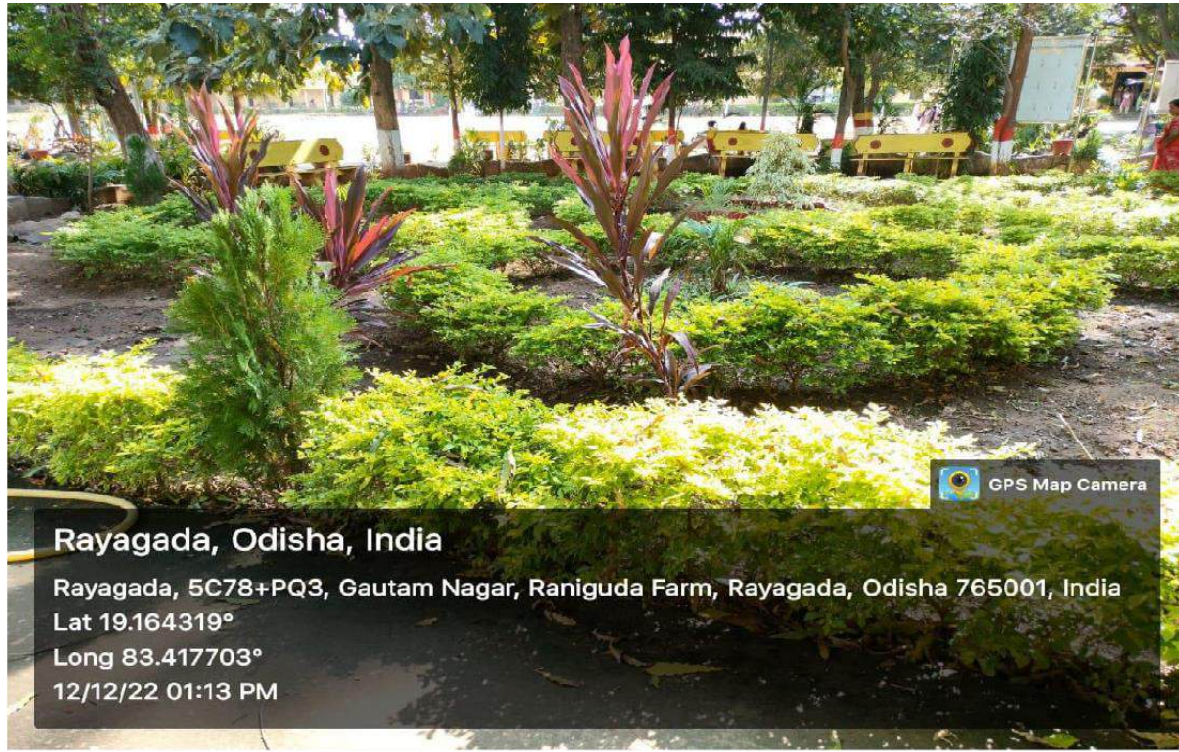


**Gardening and maintenance of plants across the college grounds.**



## 5. Green campus initiatives

The college campus is covered by Green plants all around. Many plants and trees are planted for greenery and a healthy environment.



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## 6. Certificate for Swachatta



# Certificate of Appreciation

This is to certify that

**Women's college Raya**

Has contributed in  
Shramdaan for Swachh Bharat  
On  
1st October, 2023, at 10 AM

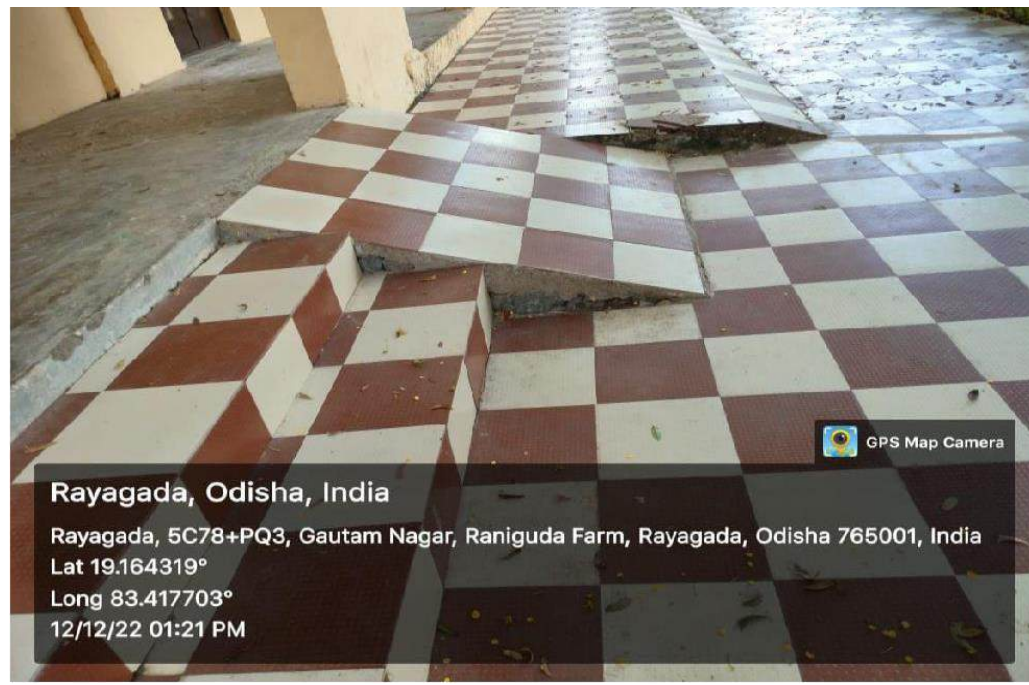
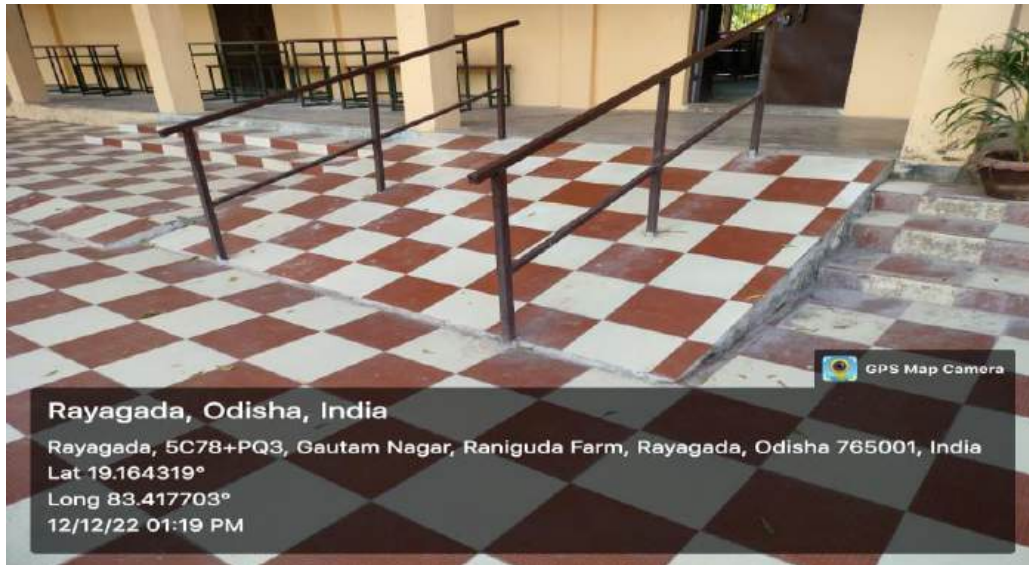
**A Swachh Bharat Mission Initiative**

  
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**7. The Institution has disabled-friendly, barrier free environment.**

The college has taken steps to help disabled student to have a free access.



  
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